

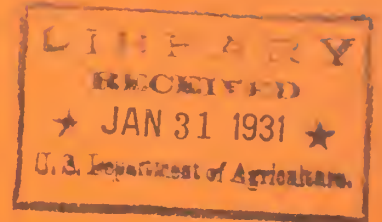
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62,31

BRECK'S

• 85 STATE STREET • BOSTON • ☞ •
• LEXINGTON • MASSACHUSETTS •



1931

*Everything for Farm
Garden & Lawn*

INDEX

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 1931.

Unless circumstances,—over which we have no control,—make a change of broadcasting hour necessary, Breck's Radio Garden Talks will continue to be heard each Sunday Evening at 7.30 P.M. from Station WEEI 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.

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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. I., 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 with you and help you in any way possible.

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  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'RY CARLTON N. CHANDLER, TREAS.
PETRUS J. VAN BAARDA, NURSERY MGR. RUSSELL O. GARDNER, SEED DEPT. MGR.

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.
Catalogue B Autumn Catalogue of Holland Bulbs, Plants, Aquariums, and Window Garden Requisites.

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.

BRECK'S BOSTON PARK LAWN GRASS SEED



In Sealed Packages Only

FOR over one hundred years four generations of Brecks have supplied this superb mixture to four generations of exacting lawn builders.

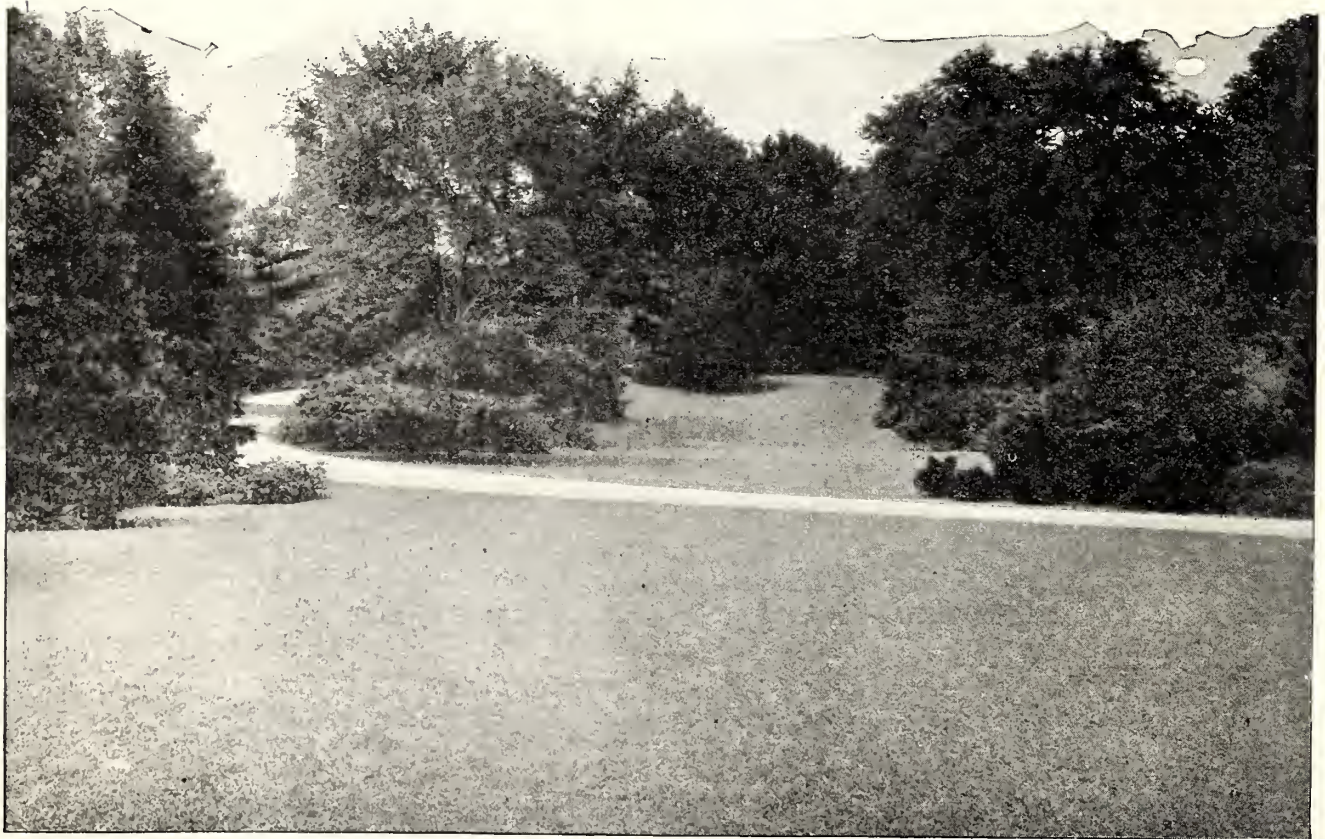
The formula back of Breck's Boston Park Grass Seed calls for just the correct proportions of the choicest standard varieties of grasses, each variety re-cleaned to the point where chaff and waste matter is reduced to the barest minimum. The component varieties of grass seeds are chosen and proportioned 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.

{	Per 1 lb. canister.....	\$ 0.75	}
	Per 4 lb. canister.....	2.75	
	Per peck (8 lbs.).....	5.00	
	Per bu. (32 lbs.).....	18.00	

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



"Velturf" 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.

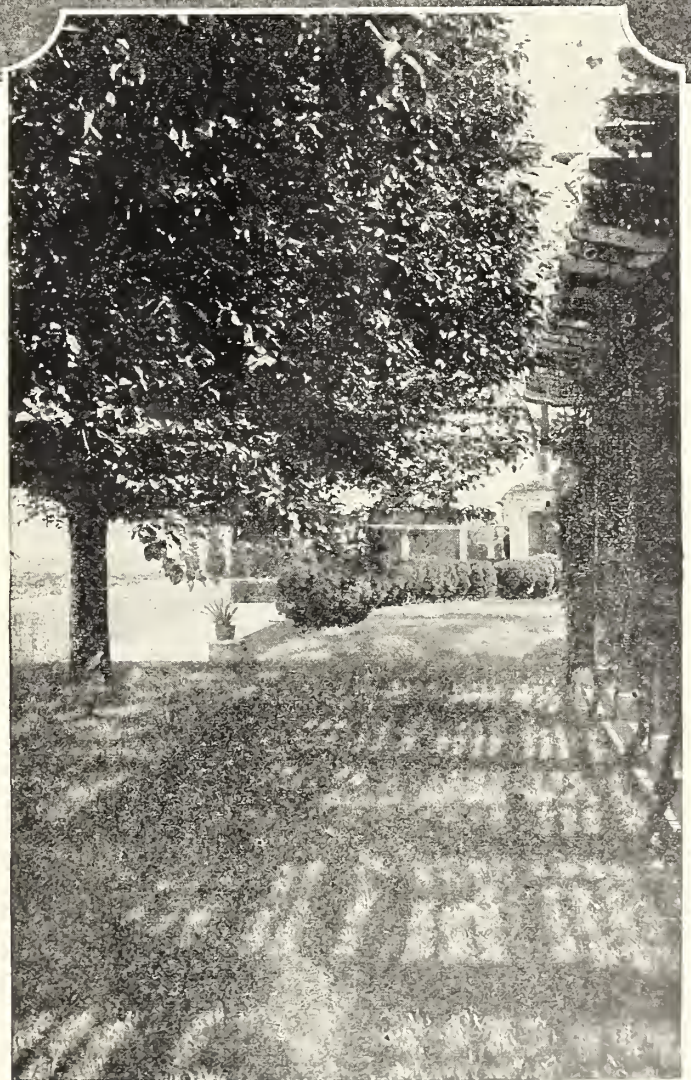
BRECK'S SHADY SPOT LAWN GRASS SEED

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..... 1.75	
	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 deep 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.



California Sunbeam Flower



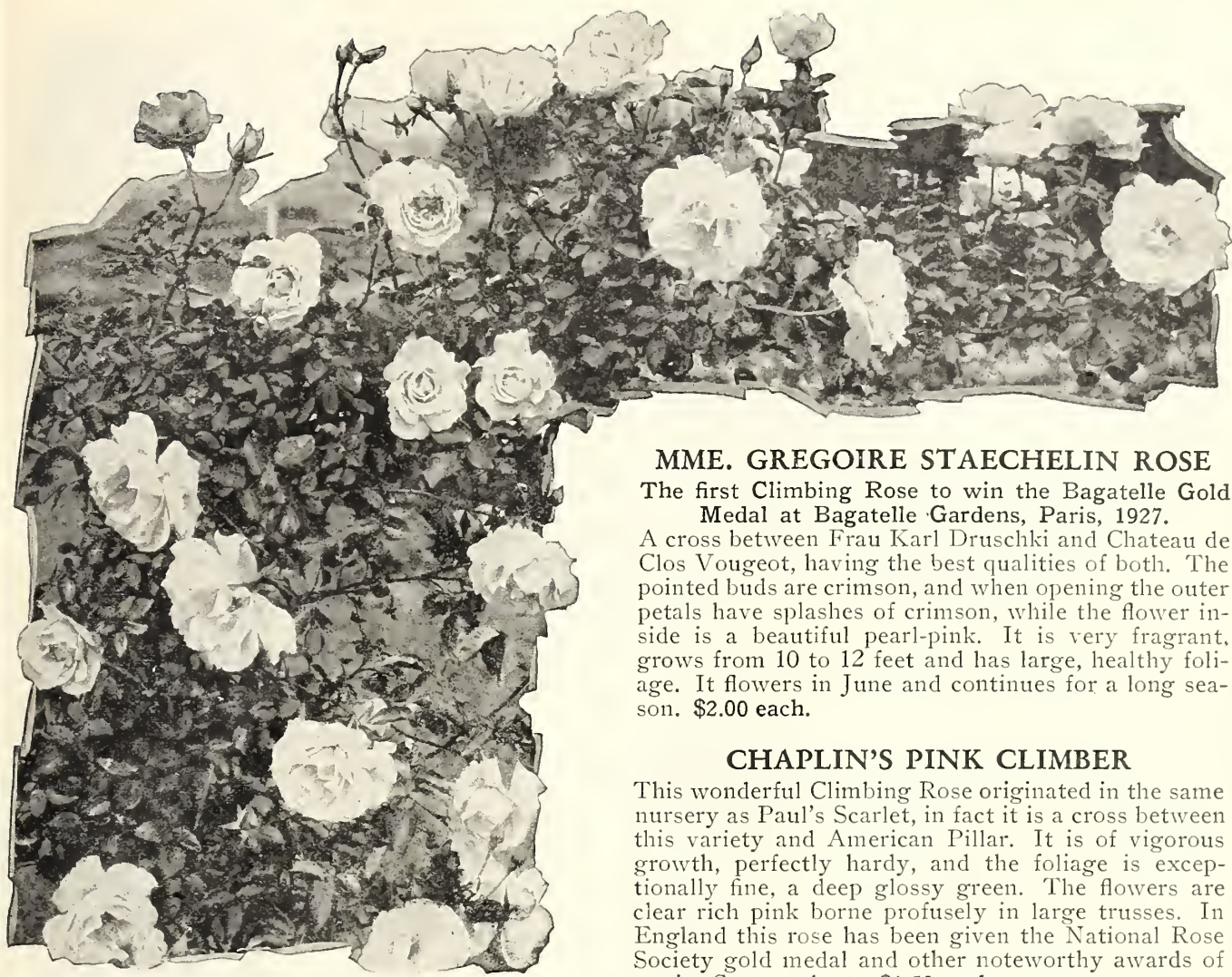
Dianthus "Beatrix"

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 Climbing Rose

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



1 Pres. Herbert Hoover	} See color plate facing page 128.	\$2.00	
1 Talisman		1.50	
1 Golden Salmon		1.00	
1 Mme. Gregoire Staechelin		2.00	
1 Chaplin's Pink Climber		1.50	\$8.00
1 Book—"How to Grow Roses".....			2.00
1 Lowell Powder Sprayer.....		1.25	
1 Lb. Pomo-Green (for disease control) .....		.50	
1 Bot. Ever-Green (for insect control) .....		.35	2.10
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

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.



Delphinium

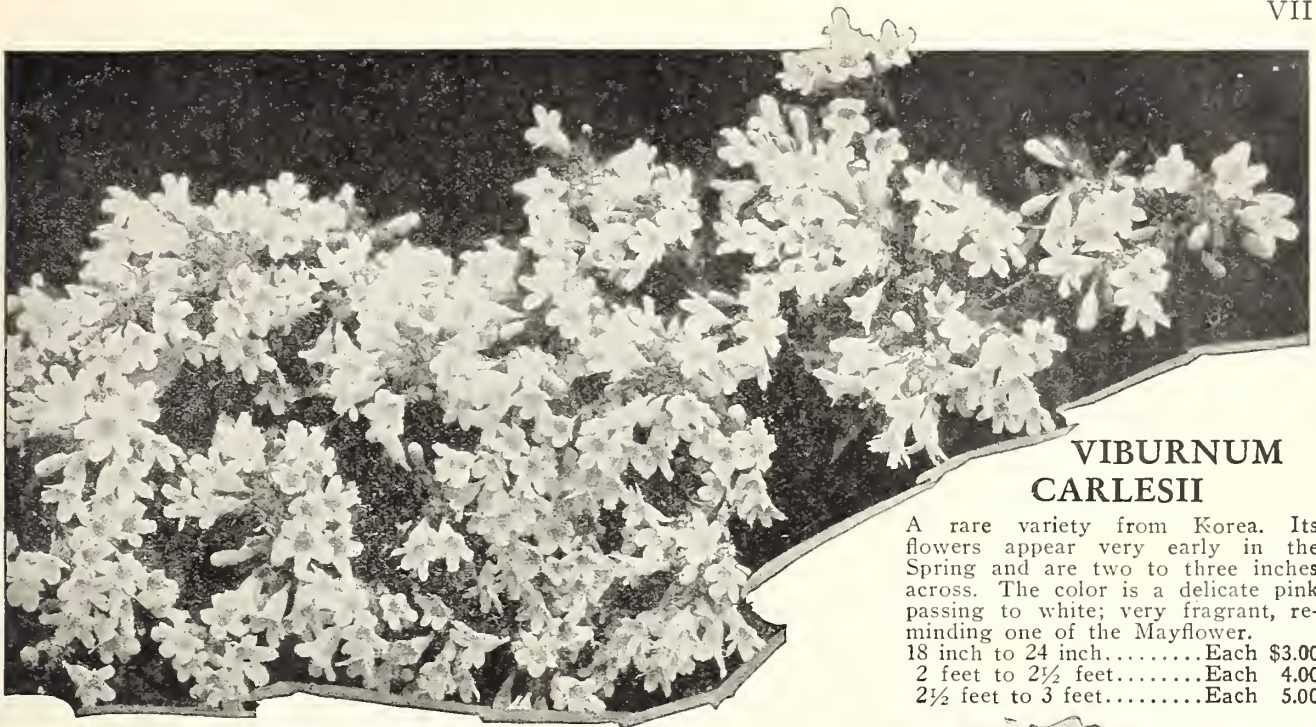


Ruth Hatton

Barbara Cumming

Gypsy Girl

October Girl



**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

**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.

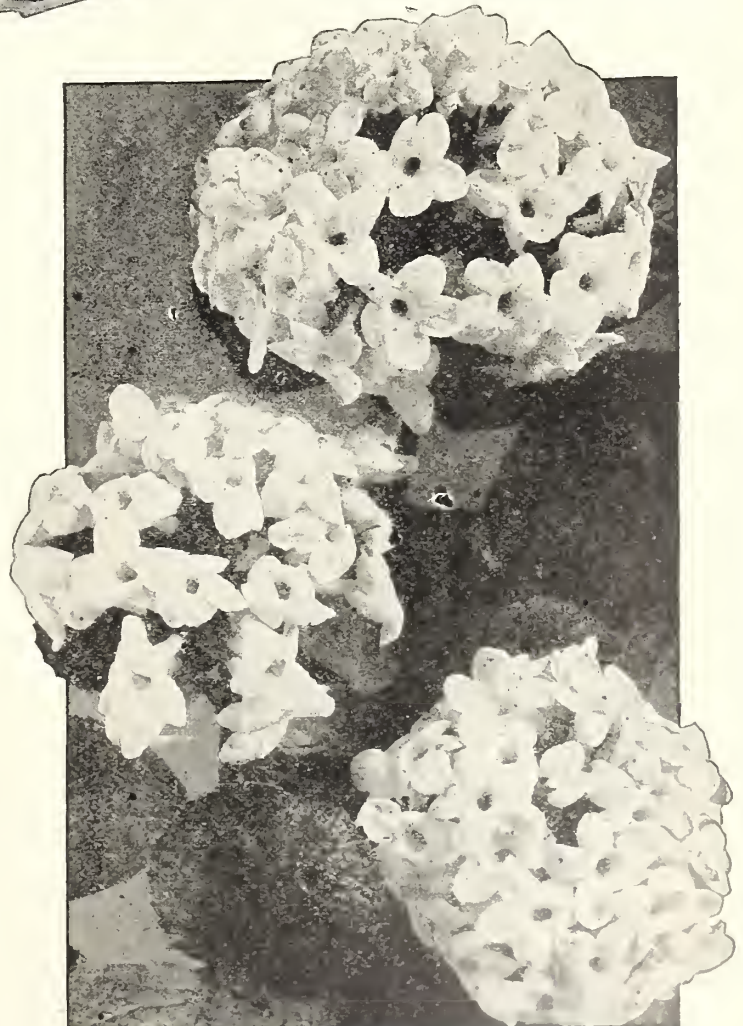
- 18-24 inch\$2.00 each, \$18.00 for ten.
- 2-3 feet 3.00 each, 22.00 for ten.
- 3-4 feet 5.00 each, 45.00 for ten.

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**

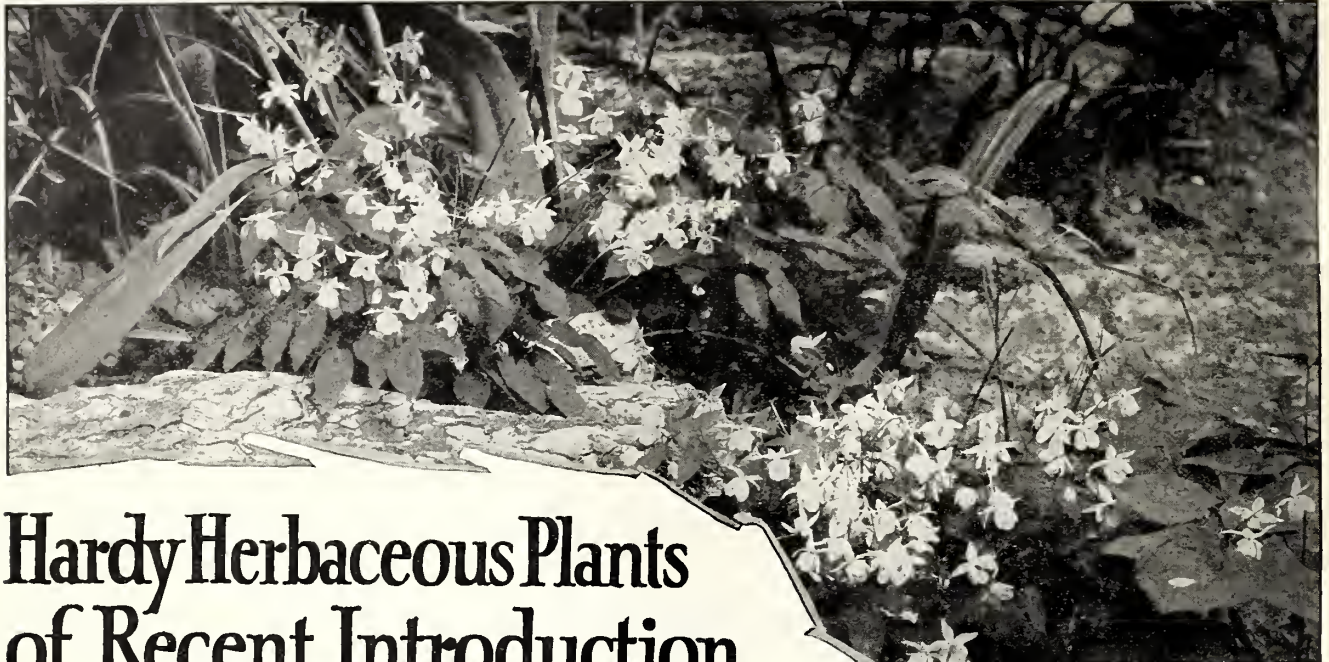
This lovely Buddleia is, without doubt, one of the most distinctive and beautiful shrubs of recent introduction. It is especially valuable for planting on sloping or terraced ground. The foliage is gray green, the branches are gracefully arching, the flowers are lavender purple, and quite fragrant. It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



Viburnum Carlesii

**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.

*Epimedium macranthum niveum*

Hardy Herbaceous Plants of Recent Introduction

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. Dwarfier 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.



Potentilla



Phlox, Arendsi Hybrids

PAPAVER ORIENTALE. (Oriental Poppies.) Gorgeous perennial plants with flowers of unbelievable size and unspeakable brilliance of color. They cover the ground very quickly in spring with attractive, fern-like foliage, producing magnificent blooms in May and June, after which the plants disappear leaving the ground to be covered with annuals or temporary summer plants. All varieties 50c each; \$4.50 for ten.

P. orientale, Joyce. A splendid new variety of unique old-rose color.

P. orientale, Mahogany. Deep brownish red with black spots at the base of the petals. Darkest of all.

P. orientale, Tulipa. An up-standing plant with stiff stems bearing flowers of striking orange-pink.

POTENTILLA, Panorama. A handsome rock or border plant with foliage like silvery strawberry leaves and brilliant orange striped flowers like tiny, double roses. 18 inches. July, August. 50c each; \$4.50 for ten.

SIDALCEA. These are the so-called "Pink Delphiniums" which they resemble only in the general plant habit. The flowers are like tiny single Hollyhocks in various shades of dull red and pink. 3 to 5 feet tall. In bloom from July to October. 75c each; \$7.00 for ten.

S. Mr. Lindberg. One of the darkest sorts with rich, ruby-red flowers.

S. Nimmerdor. Fine, saucer-shaped flowers of delicate salmon-rose.

S. Scarlet Beauty. Very showy with dark scarlet-pink blossoms in profusion.

TROLLIUS. They are especially effective in large rock gardens or in waterside plantings, although the plants do well in almost any location not too open to the wind and sun. All varieties 50c each; \$4.50 for ten.

T. asiaticus. Earliest of all. Very early, free-flowering, light orange-yellow.

T. europaeus, Orange Princess. Extra fine, dark orange-yellow flowers.

T. ledebouri. One of the largest flowered varieties. Brilliant orange-yellow.

VERONICA. A family of notable rock and border plants. The varieties listed make dense mats of handsome foliage, throwing up slender spikes of flowers in June and July, completely hiding the surface of the ground. 4 inches. All varieties 35c each; \$3.00 for ten.

V. teucrium rupestris rosea. The rare soft pink variety.

V. teucrium, True Blue. An exquisite creeping plant with flowers of delicious blue.

COMPLETE
LIST OF
ALL THE
LATEST
GARDEN
BOOKS
WILL BE
FOUND ON
PAGE 166

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.



Trollius—Orange Princess



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 alpiners 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 deltoidea 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** *Bellidiodides* (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. 30c each; \$2.50 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.
- D. deltoides** (Maiden Pink). Of creeping habit, dark pink flowers with crimson eye. 6 inches. June to July. 30c each; \$2.50 for ten.
- D. deltoides albus** (White Maiden Pink). White variety of the above. 6 inches. 30c each; \$2.50 for ten.
- D. deltoides** (Major Sterne's Variety). Large deep pink flowers on 8 inch stems above a mat of deep green narrow foliage. 30c each; \$2.50 for ten.
- D. Fürst Bismarck**. Dark green foliage; large dark lilac-rose flowers. 6-8 inches. 30c each; \$2.50 for ten.
- DRYAS** *octopetala* (Mountain Avens). Forms flat carpet of green leathery foliage with white Anemone-like blossoms. 50c each; \$4.50 for ten.
- DRABA** *repens*. Little rosettes of leaves surmounted by clusters of yellow flowers in early spring. 2-3 inches. 50c each; \$4.00 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.
- 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.
- 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.
- GEUM** *repens*. Low growing, almost trailing variety; single yellow flowers. Blooms from early spring until late fall. 6-15 inches. 35c each; \$3.00 for ten.
- GYPSOPHILA** *cerastioides*. A woolly plant of matlike growth, smothered in large white flowers veined with pink. 3-4 inches. 30c each; \$2.50 for ten.



Aethionema persicum



Ajuga reptans



Aubrietia deltoidea eyri



Campanula garganica



Helianthemum Rose Queen



Calluna vulgaris nana



Dianthus deltooides albus



Nierembergia rivularis

PLANTS FOR THE ROCK GARDEN (Continued)

- HELIANTHEMUM.** Small wiry shrubs with almost evergreen 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 yellow 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.
- LEONTOPODIUM 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 blossom, 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 Saxifragas is perhaps the largest and most important of all true alpine plants. In the group offered here will be found representatives of several of the most important types. They are all superbly useful and beautiful among the rocks.
- S. aizoon.** 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 crimson 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. Trailing 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.
- SILENE.** Pretty little blooming alpiners with grassy foliage and flowers resembling the Pinks; typical rock plants.
- 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. serpyllum lanuginosus** (Woolly Thyme). Downy gray foliage; flowers pinkish purple. 5 inches. 30c each; \$2.50 for ten.
- T. serpyllum citriodorus argenteus.** Silver variegated foliage. 40c each; \$3.50 for ten.
- T. serpyllum album** (White mother of Thyme). Dark green foliage and small white flowers. 30c 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.



Saxifraga decipiens



Sempervivum



Thymus serpyllum album



Sedum sexangulare

BRECK'S FLOWER SEEDS

NOVELTIES and SPECIALTIES FOR 1931



Aster—California Sunshine

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.



Aster—Breck's Dwarf Quilled



DIANTHUS
"Breck's Geisha Girl"

ZINNIAS

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.

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 sensationally 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.



ZINNIA
Mexicana Hybrid



Petunia—Breck's Steely Blue

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.



Stock—Golden Rose



Larkspur
Exquisite Pink Improved

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 Apricot

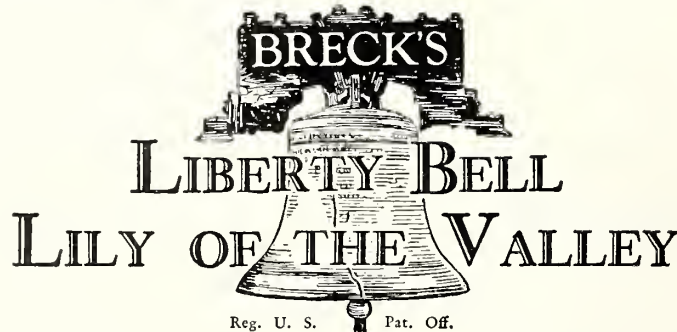
**VIOLA
"Snowdrop"**

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.**

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.**

Ideal for Christmas,
Birthday and Easter
Gifts, or for a
Sick Friend



Can be Shipped Any
Time, Regardless
of Freezing
Weather

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.

Standard Bowls Complete \$2.00
Standard Refills 1.00

Parcel post paid east of the
Mississippi River



FOR FORCING

- 25 Breck's "Liberty Bell" Pips, \$2.00.
 - 100 Breck's "Liberty Bell" Pips, \$8.00.
 - 1000 Breck's "Liberty Bell" Pips, \$75.00.
 - Bulb Fibre, specially prepared, per quart, 20c.
 - Bulb Fibre, per 4 quarts, 60c.
 - Bulb Fibre, per peck, 85c.
- We do not pay delivery charges on Pips and Bulb Fibre.

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.

FLOWER SEED COLLECTIONS and MIXTURES

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, ¼ 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

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 SUBURBAN COLLECTION

In this Collection of Superfine Annuals we include all of the varieties found in the Bungalow Collection and the following: **Candytuft, Dianthus, Eschscholtzia, Nasturtium, Poppy, and Scabiosa.**

Collection of Twelve Packets, \$1.00.

BRECK'S GARDEN CLUB COLLECTION

No finer or more varied Collection of easily grown Annuals can be found than this **Garden Club Collection**. It contains twenty-five varieties of the most suitable Annuals for cutting and garden decoration. It consists of the Annuals included in the Suburban collection and the following charming and beautiful Annual flowers: **Asters, Ageratum, Chrysanthemum, Clarkia, Coreopsis, Lavatera, Lupin, Mignonne, Phlox, Nicotiana, Salpiglossis, Stocks, and Marigold.**

Collection of Twenty-five Packets, \$2.00.



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.

ACROCLINIUM—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. Pl. Double white. Packets 10c and 25c.
- 5053 Roseum, Fl. Pl. 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.

- 5065 Æstivalis. Deep crimson flowers and finely cut foliage. Packets 10c and 25c.
- 5066 Autumnalis. Blood red, Autumn blooming. Packets 10c and 25c.

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.
- 5074 Dwarf Blue. Compact. Deep blue. 9 inches. Packets 15c and 35c.
- ☉5076 Little Blue Star. A miniature compact plant with very small flowers; exceptionally good for edging or rock-work; 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 Cœli Rosa (Rose of Heaven). Packets 10c and 25c.
- 5091 Cœli Rosa Alba. Pure white. Packets 10c and 25c.



Alyssum

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 Mexicana. 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 trueness 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 Cardinal. Dazzling scarlet. Packets 25c and 60c.
- 5140 Cloth of Gold. Golden yellow. Packets 15c and 35c.
- 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. Packets 25c and 60c.
- 5155 Breck's Choice Mixture. Packets 10c and 25c.
- 51561 Collection (6 distinct colors). For 75c.



Antirrhinum Intermediate

ANTIRRHINUM (Continued)**INTERMEDIATE VARIETIES (One and one-half feet)**

- 5157 **Amber Queen.** Pale yellow overlaid chamois pink. Packets 15c and 35c.
 5159 **Black Prince.** Deep crimson with dark foliage. Packets 15c and 35c.
 5160 **Carminé 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.
 5166 **Empress.** Deep velvety crimson. 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.
 5180 **Choice Mixed.** Packets 15c and 35c.

GREENHOUSE VARIETIES

- 5182 **Afterglow.** A beautiful golden bronze color. Packet \$2.00.
 5184 **Ceylon Court.** Brilliant deep golden yellow. Packet \$1.50.
 5186 **Cheviot Maid.** Beautiful dark pink. Packet \$1.00.
 5190 **Golden Pink Queen.** A charming combination of pink and gold. Packet \$1.00.
 5191 **Happiness.** Lovely clear pink. Packet \$2.00.
 5193 **Indian Summer.** Rich glossy copper color. Packet \$1.00.
 5196 **Jennie Schneider.** Beautiful "Columbia Rose" pink. Packet \$1.00.
 5198 **Laura.** Rich deep rose pink. Packet \$1.00.
 5200 **Penn Orange.** An effective shade of tangerine orange. Packet \$1.00.
 5202 **Philadelphia Pink.** Pure rich pink. Packet \$1.00.
 5204 **Roman Gold.** A lovely combination of pink, copper and golden yellow. Pkt. \$1.00.
 5206 **Rose Queen.** Rich dark pink. Packet \$2.00.
 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.

- 5225 **Azurea Setosa.** Blue, Annual. Packets 15c and 35c.



Antirrhinum Tall Rose King



Arctotis

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

✪5230 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. Packets 25c and 60c.

5235 Lavender	5240 Rose	5244 White
5238 Purple	5242 September Pink	5246 Mixed
52481 Collection (5 distinct colors). For \$1.00.		

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. Packets 10c and 25c.

5250 Crimson	5253 Purple	5256 Shell Pink
5251 Dark Violet	5254 Light Rose	5257 White
5252 Lavender	5255 Deep Rose	5258 Finest Mixed
52591 Collection (6 distinct colors). For 50c.		

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 would be welcomed by all Aster lovers. 2 feet. Packets 25c and 60c.

5260 Lavender	5264 Rose Pink	5268 Mixed
5262 Pure White	5266 Shell Pink	

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 bear an unusual number of long stemmed flowers measuring 4 to 5 inches across. Especially effective for beds and an exceptional Aster for cutting. Packets 15c and 35c.

5271 Crimson	5276 Salmon Rose
5272 Dark Blue	5277 Yellow
5273 Light Blue	5278 Mixed
5275 Pure White	
52791 Collection (6 colors). For 75c.	



Aster Crego



Aster American Beauty

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. Packets 15c and 35c.

5280 Crimson	5286 Salmon Rose
5282 Light Blue	5288 Yellow
5283 Pure White	5289 Choice Mixed
5285 Rose Pink	
52891 Collection (6 colors). For 75c.	

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.

5290 Crimson	5293 Lavender	5295 Snow White
5291 Dark Purple	5294 Shell Pink	5296 Mixed
5292 Deep Pink		
52991 Collection (6 distinct colors). For 75c.		

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. 15 inches. Packet 15c; Large Packet 35c.

5300 Lavender	5304 Snow White	5308 Mixed
5301 Dark Blue	5305 Rose	

CALIFORNIA SUNSHINE

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

5309 Carmine	5311 Lavender	5313 Violet
5310 Flesh Pink	5312 Pink	5314 White
5316 Mixed	53161 Collection (6 distinct colors). For \$1.75.	

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 quilled. The flowers are of great size and substance. 18 inches. Packets 15c and 35c.

5320 Crimson	5323 Rose	5326 Choice Mixed.
5321 Lavender Pink	5324 Violet	
5322 Pink	5325 White	
53291 Collection (6 distinct colors). For 75c.		

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. Packets 15c and 35c.

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. 1½ 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. 2½ 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 1½ 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. 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 outside 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 glistens 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.



Aster—California Giant



Peach Blossom

Light Purple

Light Blue

Pure White

Deep Rose

Dark Purple

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.; $\frac{1}{8}$ oz. \$1.00

Collection, one packet of each of the above, \$1.25



*For Petunias
see page 29
Petunia Plants
page 153*

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.

BALLOONVINE

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
54741 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; ¼ lb. 20c.

BEGONIAS

These are valuable for pots and bedding out; especially adapted to shady places. Seed should be sown in January in heat in shallow seed pans, filled with a compost of leaf-mould, loam, and sand. Cover the seed pans with glass to prevent rapid evaporation. The use of Semesan disinfects the soil and prevents damping off.

TUBEROUS ROOTED VARIETIES

5485 **Breck's International Prize, Single Mixed**.

1½ ft. The seed is the product of the finest and newest varieties selected for their large size and perfect form. Pkt. 75c.

5486 **Breck's International Prize, Double Mixed**.

A superb strain, producing a large percentage of double flowers. Pkt. \$1.00.



Caccalia



Balsam

5487 **Breck's International Prize, Fringed Mixed**. A type of Single Begonia which has become a great favorite, the petals being beautifully fringed or frilled and highly decorative. Pkt. 75c.

FIBROUS ROOTED VARIETIES

SEMPERFLORENS. The varieties offered below are used mostly for bedding, doing equally well in sun or partial shade. Seed sown in February will produce flowering plants from June till frost.

5491 *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 **Breck's Basket Begonias Mixed**. For Hanging Baskets.

5503 **Breck's Rex Hybrids**. Handsome foliage plants showing great diversity in form, as well as in the coloring of the leaves.

BRACHYCOME—Swan River Daisy

Dwarf compact-growing annual with an abundance of daisy-like blue flowers. Fine for edging. 6 inches.

5505 *Iberidifolia, Little Blue Star*. Packets 25c and 60c.

BROWALLIA

Beautiful flowering annuals, extensively grown for Winter flowering.

5510 *Elata Alba*. White. 1½ feet. Packets 15c and 35c.

5512 *Elata*. Dark Blue. 1½ feet. Packets 15c and 35c.

5514 *Speciosa Major*. A superb strain which has strong habit of growth and bears an abundance of bright violet-blue flowers. Packets 50c and \$1.25.

5515 *Speciosa Major Alba*. Pkt. \$1.00.

CACALIA—Tassel Flower

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.**
- 5529 **Ball's Gold.** Deep golden yellow. **Packets 25c and 60c.**
- 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.**
- 5532 **Meteor.** Creamy center edged with orange. **Packets 10c and 25c.**
- 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



Calendula



Candytuft—Breck's White Giant

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.**
- 5555 **Little Prince.** A dwarf Empress. White. ½ foot. **Packets 15c and 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.**
- 55711 **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. | 5585 Scarlet. |
| 5582 Glasgow Prize. Crimson. | 5586 Violet. |
| 5583 Golden Yellow. | 5587 Mixed. |
| 5584 Queen of Dwarfs. Rose. | |
| 55881 Collection (6 distinct colors). | For 75c. |

CELOSIA PLUMOSA—Thompsoni 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 cockscomb covered with immense fine heads of the most brilliant colorings. Packets 25c and 60c. |
| 5595 Choice Mixed. | Packets 15c and 35c. |
| 55991 Collection (6 distinct colors). | For 75c. |
| 5600 CELOSIA CHILDSI (Chinese Woolflower). | Mixture of bright colors with large roundish heads like a ball of wool. Very showy. Packets 25c and 60c. |

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. | 5611 Mauve. |
| 5607 Carmine. | 5613 Rose. |
| 5609 Maroon. | 5614 White. |
| 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 | 5623 Purple |
| 5621 Delicate Lilac | 5625 Mixed |
| 5622 Rose | |

OTHER CENTAUREAS.

- 5630 Americana. Flowers rosy-lilac often measuring 4 inches across. 3 feet. Packets 15c and 35c.
- 5631 Americana Alba. 3 feet. 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. |
|--------------------|----------------------|

CHRYSANTHEMUMS

All the Summer-flowering Chrysanthemums are very effective and showy plants for beds and borders, besides affording an immense material for cutting. Sow seeds where the plants are wanted to bloom and thin out to 9 inches apart; earlier flowering plants can be had by sowing early in March in a cold-frame, and transplanting when large enough.

SINGLE VARIETIES

- | | |
|---|--|
| 5650 Burridgeanum. White and red. | Packets 10c and 25c. |
| 5652 Eastern Star. Primrose yellow with brown disc. | Packets 15c and 35c. |
| 5654 Evening Star (Golden Marguerite). Golden-yellow. | Flowers measure 3 inches in diameter. Pkts. 15c and 35c. |
| 5656 Morning Star. Pale primrose. | Pkts. 15c and 35c. |
| 5658 Northern Star. Giant white, with yellow zone. | Packets 15c and 35c. |
| 5660 Purple Crown. | Packets 15c and 35c. |
| 5662 Scarlet. | Packets 15c and 35c. |
| 5664 Choice Mixed. | Packets 10c and 25c. |
| 56661 Collection (6 distinct colors). | For 75c. |

DOUBLE VARIETIES

- | | |
|------------------------------|--|
| 5676 Choice Mixed. | Packets 10c and 25c. |
| 5678 Fringed Hybrids, Mixed. | Packets in two sizes, 15c and 35c. |
| 5680 Inodorum, Bridal Robe. | Pure double white flowers carried above the dark green foliage. Pkts. 25c and 60c. |
- For Perennial Varieties see page 42; for Greenhouse Varieties see page 50.



Centaurea Americana

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 2½ feet.

- 5690 *Alba*. Double. Pure white. Packets 15c and 35c.
5692 *Chamois Queen*. Double. Buff color. Packets 15c and 35c.
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 35c.
5706 *Mixed*. All sorts. Packets in two sizes, 10c and 25c.
57091 *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. Charming 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.



Cobæa

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 *Drummondii*. Yellow and brown. 1 foot. Packet 10c; Large Packet 25c.
5757 *Evening Star*. Large flowers of bright yellow with zone of deep scarlet. 1½ feet. Pkt. 25c.
5758 *Fire King*. The flowers are of a deep bright scarlet. Very free-flowering, the plant being a mass of blooms. 1½ feet. Packet 25c; Large Packet 60c.
5760 *Radiata Tiger Star*. Yellow and brown. ¾ 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. 1½ feet. Packets in two sizes, 10c and 25c.
5772 *Tall Mixed*. 2 feet. Packets in two sizes, 10c and 25c.
57741 *Collection* (6 separate varieties). For 50c.
For Perennial Varieties, see page 42.



Coreopsis Drummondii

Plantabbs give a wonderful "kick" to slow growing annuals. Place a Plantabb 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

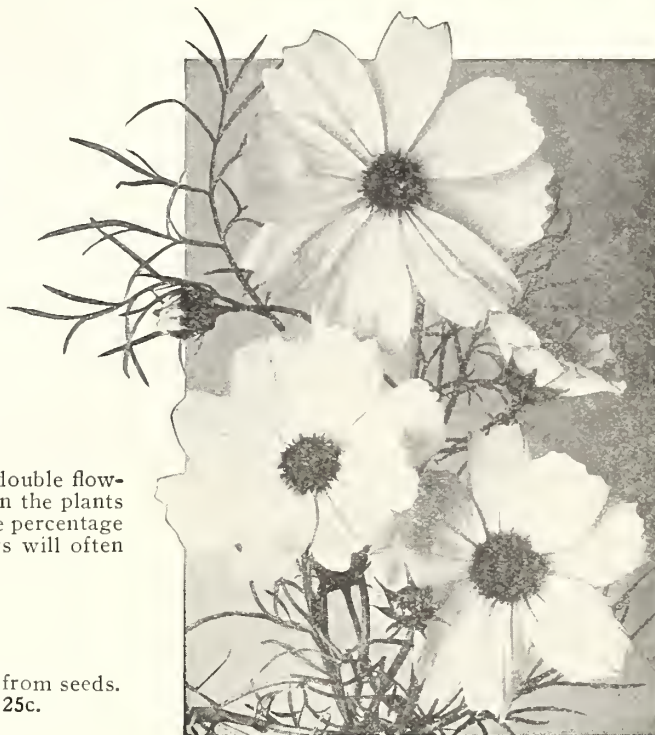
CUPHEA—Cigar Plant

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.



Cynoglossum



Cosmos Breck's Midsummer Giant

CYNOGLOSSUM

5843 Amabile. (Chinese Forget-me-not). Blue flowers resembling forget-me-nots. 18 inches high. Pkt. 25c.

CYPRESS VINE

Very pretty vine, having clusters of star-shaped flowers and feathery green foliage. Half-hardy Annual. 10 feet. Packet 10c; Large Packet 25c.

5845 Scarlet 5846 White 5847 Mixed

DAHLIA

We offer seed from the finest collection in Europe. If the seed be started early in a hot-bed an abundance of flowers will be produced the same season. Dahlias thrive in poor soil. The roots should be housed during Winter.

5848 Breck's Art Dahlia. A very interesting type, blooms abundantly the first season from seed. The flowers are medium in size, and for delicate colors well nigh rival Orchids. Packet 25c; Large Packet 60c.

5850 Cactus. Mixed. Packet 25c; Large Packet 60c.

5853 Coltness Hybrids. A splendid new class of single Dahlias of compact habit about 18 inches high bearing a succession of bloom until frost. Pkt. 35c.

5856 Double Grandiflora. Mixed. Packets 25c and 60c.

5858 Dwarf Mignon. The plants of this type are of compact, close habit and produce a mass of flowers of the most brilliant colors from early in the season until frost. Mixed colors. Pkt. 25c.

5860 Pæony Flowered. Mixed. Packets 25c and 60c.

5862 Pompon. Mixed. 2 feet. Packet 25c; Large Packet 60c.

5864 Single Perfection. Mixed. Packets 25c and 60c.

For Dahlia Bulbs see pages 99-102.

DATURA—Trumpet Flower

Handsome ornamental Annuals with large trumpet-shaped flowers. In large clumps or borders of shrubby these produce an excellent effect. They do well on light sandy soil. 2 to 3 feet.

5867 Cornucopia. White, mottled with royal purple. Packet 10c; Large Packet 25c.

5868 Golden Queen. Yellow. Packet 10c; Large Packet 25c.

5870 Mixed. Packets in two sizes, 10c and 25c.



Didiscus

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

- 5875 *Chinensis* Double Mixed. (China or Indian Pink). Flowers very double; blooms in clusters in a large variety of colors. Pkts. 10c and 25c.
 5877 *Diadematus* Double Mixed. (Double Diadem Pink). Fine double flowers in various shades of crimson, lilac, purple, with the outer edges fringed and nearly white. Packets 15c and 35c.
 5879 *Fireball*. Fiery scarlet double flowers. Packet 15c; Large Packet 35c.
 5881 *Salmon King*. Beautiful salmon pink. Packet 15c; Large Packet 35c.
 5883 *Snowdrift*. Pure white fringed blooms. Packet 15c; Large Packet 35c.
 5885 *Double Mixed*. All varieties. Packet 10c; Large Packet 25c.

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.

- 5894 *Salmon Queen*. Delicate salmon red. Packets 15c and 35c.
 5896 *The Bride*. Very dwarf and compact; large flower, pure white with crimson eye. Packets 10c and 25c.
 5898 *Single Mixed*. All varieties. Packet 10c; Large Packet 25c.

For Perennial Varieties see page 49

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.

- 5900 *Cœruleus*. Light Blue. Packets 25c and 60c.

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.
 5906 *Aurantiaca Hybrids*. These new selected hybrids are like the parent in habit and growth with beautiful and varied colors. Packets 15c and 35c.
 5907 *Aurantiaca Double Hybrids*. Mixture of bright colors. Pkt. 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.

- 5910 *Darkness*. Purple. 5911 *Daylight*. White.
 5912 *Mixed*.

ECHINOCYSTIS—Wild Cucumber

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

- 5914 *Lobata*. Packet 10c; Large Packet 25c.



Dianthus



Dimorphotheca

ESCHSCHOLTZIA

California Poppy

Beautiful and popular Annuals of easy culture forming bushy plants 1 foot high. The large saucer-shaped flowers are produced abundantly from Spring until frost.

- 5920 *Alba*. Pure white. Pkts. 10c and 25c.
 5921 *Crocea Fl. Pl.* Very fine double, large orange flowers, like a Marechal Neil Rose. Packet 15c; Large Packet 35c.
 5923 *Golden West*. An improved strain of California. Yellow with orange center. Packet 10c; Large Packet 25c.
 5924 *Mandarin*. Rich deep orange, shaded crimson; fine compact habit. Packet 10c; Large Packet 25c.
 5925 *Mikado*. Orange crimson. Packet 15c; Large Packet 35c.
 5926 *Rose Queen*. Packets in two sizes, 15c and 35c.
 5927 *The Geisha*. Petals fluted; color brilliant gold suffused crimson. Packet 15c; Large Packet 35c.
 5929 *Fine Mixed*. 1 foot. Packets in two sizes, 10c and 25c.
 5930 *Breck's Giant Mixed*. Packets in two sizes, 15c and 35c.
 59321 *Collection* (6 distinct colors). For 60c.

ERYSIMUM

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

- 5933 *Arkansanum*. Yellow.
 5934 *Perofskianum*. Orange.

EUPHORBIA

Hardy Annuals with ornamental foliage growing about 2 feet high.

- 5935 *Heterophylla* (Mexican Fire Plant). Large glossy green leaves which turn to an orange-scarlet. Packets 15c and 35c.
 5936 *Variiegata* (Snow on the Mountain). Variegated green and white foliage. Excellent for bouquets. Packets in two sizes, 10c and 25c.



Gaillardia

GAILLARDIA

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.

- ⊕5940 Amblyodon. Single deep red. Pkts. 15c and 35c.
- 5942 Double White (The Bride). Packet 15c; Large Packet 35c.
- 5944 Lorenziana Double Mixed. Packet 10c; Large Packet 25c.
- ⊕5946 Breck's Superb Strain. Single and Double Mixed. Packets in two sizes, 15c and 35c.
- 5948 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.

- 5950 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.

- 5951 Capitata. Lavender blue. Packet 15c; Large Packet 35c.
- 5952 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.

- 5955 Orange 5958 Violet 5961 Mixed
- 5956 Rose 5960 White



Godetia



Euphorbia Variegata

GODETIA

Satin Flower

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.

- 5964 Breck's Double Crimson. Tall, very bright color. 2 feet. Packet 15c; Large Packet 35c.
- 5965 Crimson Glow. Dwarf. 1 foot. Packet 10c; Large Packet 25c.
- 5967 Duchess of Albany. Dwarf, pure white. 1 foot. Packets 10c and 25c.
- ⊕5968 Breck's New Lavender. Tall, pale lavender. 18 inches. Packet 15c; Large Packet 35c.
- 5971 Lady Albemarle. Compact, brilliant carmine. 1 foot. Packets in two sizes, 10c and 25c.
- 5972 Breck's Double Mauve. Clear pinkish-mauve. 2 feet. Packets in two sizes, 15c and 35c.
- 5974 Mandarin. Pale yellow. 18 inches. Packet 10c; Large Packet 25c.
- ⊕5976 Breck's Double Pink. Tall, double flowers. 2 feet. Pkts. 15c and 35c.
- 5978 Rosy Morn. Beautiful shade of coral pink. 2 feet. Pkts. 15c and 35c.
- 5979 Breck's Special Mixture. Single and double varieties mixed. Packets in two sizes, 10c and 25c.
- 59791 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.

- 5982 Apple-shaped. Small fruit. Packet 10c; Large Packet 25c.
- 5983 Bottle-shaped. Packet 10c; Large Packet 25c.
- 5986 Egg-shaped. White nest-egg. Packet 10c; Large Packet 25c.
- 5989 Gooseberry-shaped. Packet 10c; Large Packet 25c.
- 5990 Hercules' Club. Long white. Packet 10c; Large Packet 25c.
- 5991 Lemon-shaped. Packet 10c; Large Packet 25c.
- 5992 Orange-shaped. Packet 10c; Large Packet 25c.
- 5993 Pear-shaped. Packet 10c; Large Packet 25c.
- 5995 Mixed. Packet 10c; Large Packet 25c.
- 59991 Collection (12 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.

- 6000 Agrostis Nebulosa. Ornamental and graceful habit. 18 inches. Pkt. 10c.
- 6001 Agrostis Pulchella. Suitable for mixing with flowers. 6 inches. Pkt. 10c.
- 6004 Briza Maxima. One of the best ornamental grasses. 2 feet. Pkt. 10c.
- 6005 Bromus Brizæformis. A choice and valuable variety. 1 foot. Pkt. 10c.
- 6010 Hordeum Jubatum. Very handsome plumes. 18 inches. Pkt. 10c.
- 6011 Lagurus Ovatus. Hare's tail grass. 18 inches. Pkt. 10c.
- 6012 Pennisetum Longistylum. 2 feet. Pkt. 10c.
- 6013 Pennisetum Rueppelianum. Pkt. 15c.
- 60191 Collection (12 Varieties). For \$1.00.

GYPSOPHILA—Baby's Breath

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

- ⊕6020 Breck's Giant White. Pure white. Packet 15c; Large Packet 35c.
- 6022 Elegans Rosea. Rose. Packet 10c; Large Packet 25c.
- 6023 Muralis. Red. Packet 15c; Large Packet 35c.



Helichrysum

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.
- 6028 Fireball. Crimson. Packets in two sizes, 10c and 25c.
- ☉6029 Golden Globe. Yellow. Pkt. 10c; Large Pkt. 25c.
- 6030 Purpureum. Violet. Packet 10c; Large Packet 25c.
- 6031 Roseum. Rose. Packets in two sizes, 10c and 25c.
- 6032 Choice Mixed. Packets in two sizes, 10c and 25c.
- 6033 Dwarf Mixed. Packets in two sizes, 10c and 25c.
- 60341 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.

- 6042 Japonica. Green foliage. 20 feet. Pkts. 10c and 25c.
- 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 Fumariæfolia. Yellow. Packets 10c and 25c.



Larkspur Breck's Giant Stock Flowered

IPOMÆA

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

- 6048 Imperialis Mixed. (Japanese morning glory). Enormous flowers spotted, striped and flaked. Packet 10c; Large Packet 25c.
- 6049 Purpurea Mixed. (Common morning glory.) Pkts. 10c and 25c.
- 6050 Bona Nox (Evening Glory). White. Packets 10c and 25c.
- 6051 Coccinea (Star Ipomæa). 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 Elegantissima. 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.

JACOBÆA—Senecio

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

- | | |
|--------------|------------|
| 6059 Crimson | 6062 Rose |
| 6060 Lilac | 6063 White |
| 6061 Purple | 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.

KOCHIA—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 6074 Rose
6071 Flesh Pink 6075 Rosy Scarlet
6072 Lilac 6076 White
6073 Lustrous Carmine 6077 Mixed
60781 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.

For Perennial Varieties see page 42

LAVATERA—Mallow

One of the best hardy annuals for cutting, producing freely, large, single flowers which last a long time in water.

6085 *Arborea Variegata*. Red. 5 feet. Pkts. 15c and 35c.
6086 *Splendens Alba*. Large white flowers. 3 feet. Packet 15c; Large Packet 35c.
6087 *Splendens Rosea*. 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 *Cœruleum*. 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 *Compacta 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.
6112 *Crystal Palace Compacta*. Beautiful *Victoria Blue*. Fine bedding 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-flowering, 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 *Hartwegii Dark Blue*. Packet 10c; Large Packet 25c.
6125 *Hartwegii Light Blue*. Pkt. 10c; Large Pkt. 25c.
6126 *Hartwegii Rose*. Packet 10c; Large Packet 25c.
6127 *Hartwegii White*. Packet 10c; Large Packet 25c.
6128 *Annual Mixed*. Packet 10c; Large Packet 25c.

For Perennial Varieties see page 46

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*



Lavatera



Breck's Sunburst



Signata Pumila



Breck's Dwarf Lemon

MARIGOLD

TAGETES

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.
 61431 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

- *6150 Breck's Pride of the Garden. Very free-blooming, dwarf and compact. Yellow with maroon blotch. Packet 15c; Large Packet 35c.
 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.

MARTYNIA

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, warted, golden-yellow fruits, which, when ripe, split open and display showy, bright red seeds.

6192 *Balsamina* (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.
- 6206 *King Theodore*. Purple-garnet, 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.



Nasturtium Breck's Rainbow Mixture

- 6218 *King Theodore*. Purple-garnet, dark leaved.
- 6220 *Moonlight*. Amber white.
- 6221 *Rose*. A beautiful salmon rose.
- 6222 *Scarlet*. Vivid scarlet. Dark foliage.
- 6223 *Spitfire*. Rosy scarlet.
- 6225 *Sunlight*. A bright glowing orange shade.
- 6226 *Twilight*. Delicate salmon.
- 6227 *Vesuvius*. Salmon rose.
- 6228 *Yellow*. Sunflower yellow, a valuable variety.

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*. 6259 *Orange King*.
- 6257 *Fire 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*.

The Book of Annuals. A book of inestimable value to all growers of Annual Flower Seeds. Cloth bound, fully illustrated. Per copy \$1.60 postpaid.

NICOTIANA

Tobacco Plant

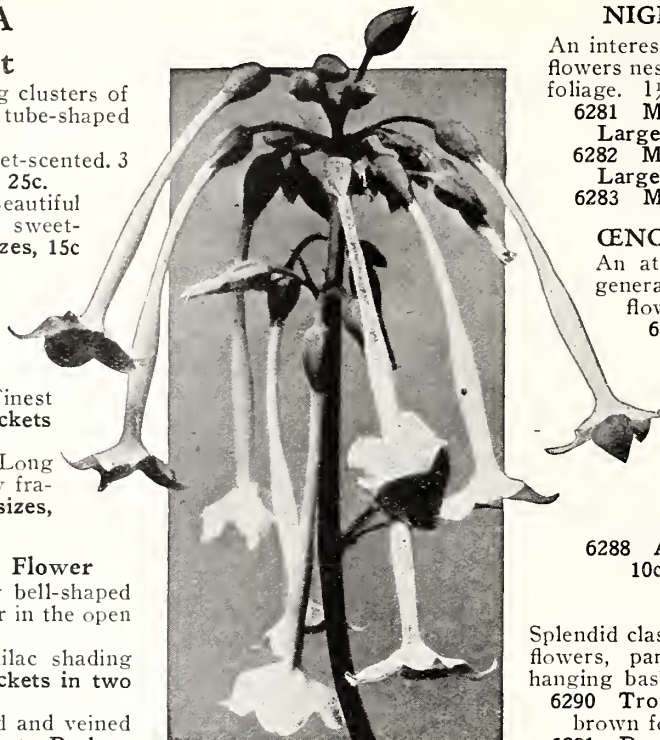
Free-blooming plants producing clusters of brilliantly colored fragrant tube-shaped flowers. Half-hardy Annuals.

- 6270 *Affinis*. Pure white sweet-scented. 3 feet. Pkt. 10c; Large Pkt. 25c.
- 6271 *Affinis Hybrids*. Beautiful bright colored flowers sweet-scented. Packets in two sizes, 15c and 35c.
- 6272 *Sanderæ*. Excellent variety producing masses of carmine red flowers. Packets in two sizes, 10c and 25c.
- 6273 *Sanderæ Hybrids*. Finest mixture of all colors. Packets in two sizes, 10c and 25c.
- 6274 *Sylvestris*. 4 to 5 feet. Long white tubular flowers; very fragrant. Packets in two sizes, 10c and 25c.

NIEREMBERGIA—Cup Flower

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

- 6276 *Frutescens*. Delicate lilac shading to white at the edge. Packets in two sizes, 10c and 25c.
- 6277 *Gracilis*. White, shaded and veined purple with a yellow throat. Packets in two sizes, 15c and 35c.



Nicotiana Sylvestris

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.**
- 6299 **Breck's International Prize Mixed**. A splendid mixture for the florist or amateur gardener. Embraces countless colors and markings. **Packet 25c; Large Packet 60c.**
- 6303 **Madame Perret**. Red and wine shades. **Packet 25c; Large Packet 60c.**
- 6304 **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.**

- 6310 *Atropurpurea*. Purple. 6312 *Bismarck*. Bronze.
- 6311 *Azure Blue*. 6314 *Cardinal*. Red.
- 6315 *Cornflower Blue*. Blue.
- 6316 *Fire King*. Yellow and crimson.
- 6317 *Golden-Yellow*. Pure yellow.
- 6319 *King of Blacks*.
- 6320 *Lord Beaconsfield*. Violet shading to white.
- 6322 *Pure White*. 6325 *Violet Blue*.
- 6326 *White, with dark eye*.
- 6327 *Yellow, with black eye*.
- 6328 *Trimardeau Mixed*.
- 63291 *Collection (6 colors)*. For 50c.

NIGELLA—Love-in-the-Mist

An interesting Annual with curious double flowers nestling in its feathery, bright green foliage. 1½ 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.**

CENOTHERA—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 *Tropæoloides*. Yellow with rich brown foliage. **Pkt. 15c.**
- 6291 *Rosea*. Bright rose flowers. Fine for hanging pots. **Pkt. 25c.**

TUFTED PANSIES

See *Viola cornuta*, page 49

Massachusetts Agricultural College,
Market Garden Field Station,
Waltham, June 5, 1928.

Breck's, Boston.
Gentlemen:—

Your Boston Prize Mixed Pansies have proved to be the glory of my garden and the admiration of my friends. The blooms are, in my estimation, the aristocrats of spring flowers. This mixture will certainly commend itself to all pansy lovers who try it.

Very sincerely yours,
Ray M. Koon,

In charge Market Garden Field Station.

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.

- 6355 *Nankinensis*. Purple-bronze. **Packets 10c and 25c.**



Petunia

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.

63711 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.



Phlox Drummondii

★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.

63811 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 DRUMMONDII

An extremely beautiful class of plants producing an abundance of bloom throughout the Summer. The flowers which are borne in immense trusses, are found in a variety of beautiful colors. 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 Chamoise Rose. Beautiful deep pink.
- 6413 Crimson. A deep dark shade.
- 6414 Dark blue. Deep purplish blue.
- 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.**



Poppy Eldorado Double

POPPY

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, blotched, 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. When large enough thin out the plants. A sandy loam and early Spring sowings produce best flowers.

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. 1½ 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 Sherwood. 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.**

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.**

- 6480 Single Crimson
- 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.**

PYRETHRUM AUREUM

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

RHODANTHE—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.

DOUBLE ANNUAL VARIETIES

- 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.**
 - 6468 Pæony-Flowered Mixed. Immense, showy, double globular flowers resembling a double Pæony. 1½ feet. **Packet 10c; Large Packet 25c.**
 - 6474 Boston Peerless. Double and single mixed. A wonderful variety of brilliant dazzling colors. 2 feet. **Packet 10c; Large Packet 25c.**
 - 64791 Collection Carnation-Flowered (6 colors). **For 35c.**
 - 64792 Collection Pæony-Flowered (6 colors). **For 35c.**
- For Perennial Varieties see page 47



Salvia Farinacea

RICINUS—Castor Oil Plant

Rather coarse appearing, half-hardy, annual plants of remarkably rapid growth attaining a height of from 5 to 15 feet. The stems and leaves of these plants vary from pale green to a very deep shade and from bright red to bronze and deep purple. The branching, tree-like habit and the gigantic leaves make it an admirable subject for sub-tropical beds and for background foliage effects.

- 6506 *Borboniensis*. Large dark green foliage and stems. 15 feet. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.
 6507 *Cambodgensis*. Large, red veined, bronze leaves with purplish black stems. 6 feet. Pkt. 10c; oz. 35c; $\frac{1}{4}$ oz. \$1.00.
 6510 *Sanguineus*. Bright red stems and fruit, dark bronzy red leaves. 7 feet. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.
 6511 *Zanzibariensis Maculatus*. Bronze changing to dark red. 10 feet. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.
 6512 *Zanzibariensis Mixed*. A distinct species from East Africa, growing to a large size, and varying in color from pale green to brownish purple. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.
 6513 *Choice Mixed*. Bright colored varieties. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c.

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

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 Lutea. White, gold veined | 6528 | Rose and Gold |
| 6522 | Crimson | 6530 | Scarlet and Gold |
| 6524 | Primrose | 6532 | Violet and Gold |
| 6526 | Purple and Gold | 6534 | Violet |
| 6539 | Gloxiniæflora Choice Mixed. | 6536 | Mixed |
| 65441 | Collection (6 distinct colors). | | Packets 15c and 35c. 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. | | |



Salpiglossis



Scabiosa Shasta



Scabiosa Peach Blossom



Statice

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.
- 6588 Lavender (Azure Fairy). Rich pale blue.
- ⊕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 (6 distinct colors). For 50c.



Stocks

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. $\frac{3}{4}$ 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 Cœruleum. 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. $\frac{1}{2}$ 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.

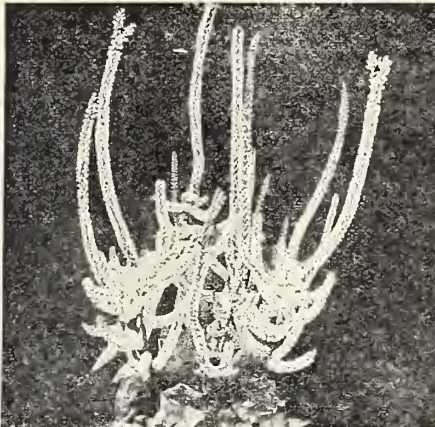
- 6650 Sinuata Blue. Packet 15c; Large Packet 35c.
- 6652 Sinuata Rose. Packet 15c; Large Packet 35c.
- 6654 Sinuata White. Packet 10c; Large Packet 25c.
- 6655 Sinuata Yellow. Packet 10c; Large Packet 25c.
- 6657 Sinuata Mixed. Packet 10c; Large Packet 25c.
- 6659 Suworowii. Fine species producing numerous 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



Sunflower—Red Hybrid

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 |
| 66841 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 | |
| 67091 Collection (6 distinct colors). For 75c. | | |

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.
- 6734 Souvenir de Monaco. Rich crimson.
- 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. Packets 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.



Sunflower Orion

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 coconut fibre. To get the best results the seed should be inoculated with Stimugerm before planting. Stimugerm will insure a strong and vigorous vine.



Breck's Exhibition Mixture

BRECK'S

GIANT SPENCER SWEET PEAS

Exhibition Mixture

The finest possible color combination of Spencer or orchid flowering Sweet Peas. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

GIANT SPENCER VARIETIES

In Separate Shades

Prices unless otherwise noted: Pkt. 10c; oz. 50c; ¼ 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; ¼ 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; ¼ 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 *Hawlmarm 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.
 6876 Florence Nightingale. Bluish 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.
 6898 Splendour. Rich red maroon.
 *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.
 6916 Robert Sydenham. Brilliant orange salmon.
 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.
 6954 Hercules. Mammoth rose pink. An old favorite still in demand.
 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 100 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 Yarrowa. Rose pink with lighter pink wings.
 *7061 Zvolanek's Rose. Giant rose pink.
 7075 Choice Mixture of all colors. Pkt. 15c; oz. \$1.00.



Sweet Pea—Giant White

- 6971 Scarlet Emperor. A beautiful rich bright scarlet.
 6975 The Cardinal. A brilliant shade of intense scarlet.
 6978 Vermilion Brilliant. Brilliant scarlet.

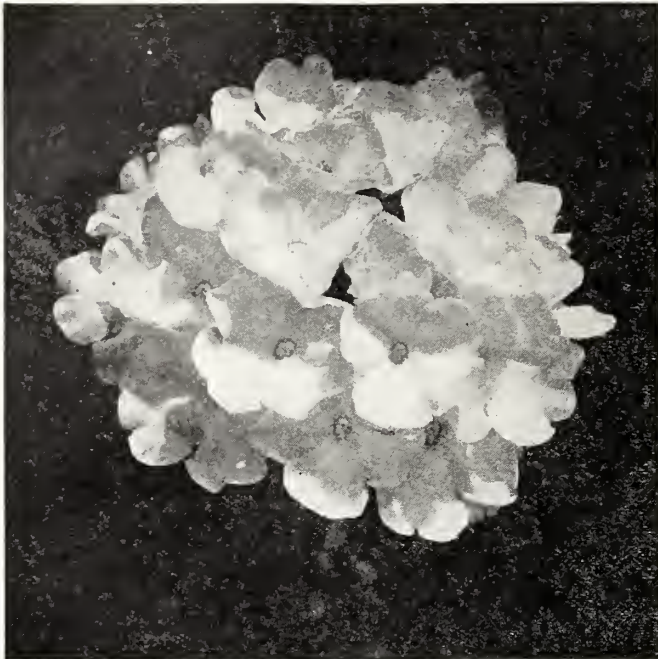
WHITE

- 6981 Constance Hinton. Giant white, slightly tinted.
 6984 Edna May Improved. Pure white.
 *6990 Giant White. Enormous flowers, pure white.
 6994 King White. Large waved white.
 6999 White Spencer. Pure white.

BRECK'S BOSTON MIXTURE
 Old Fashioned Sweet Peas

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

Oz.	10c
¼ lb.	35c
Lb.	\$1.00



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.

7090 Baillonii. Golden yellow deep red throat. Pkt. 25c.
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

7100 Blue	7106 Scarlet	7109 White
7102 Pink	7107 Yellow	7110 Mixed
7104 Purple	7108 Striped	

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.

☼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.

7125 Alba. Pure white. 7127 Rosea Alba.
7126 Rosea. Bright rose. 7128 Mixed

VIRGINIAN STOCK

A pretty branching, hardy annual with an abundance of bright flowers. An excellent plant for bordering a bed.

7130 Mixed. Packet 10c; Large Packet 25c.

VISCARIA—Rock Lychnis

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

7131 Rosy Gem. Carmine-rose. Packets 25c and 60c.
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.

7140 Brown 7141 Red 7142 Yellow 7143 Mixed

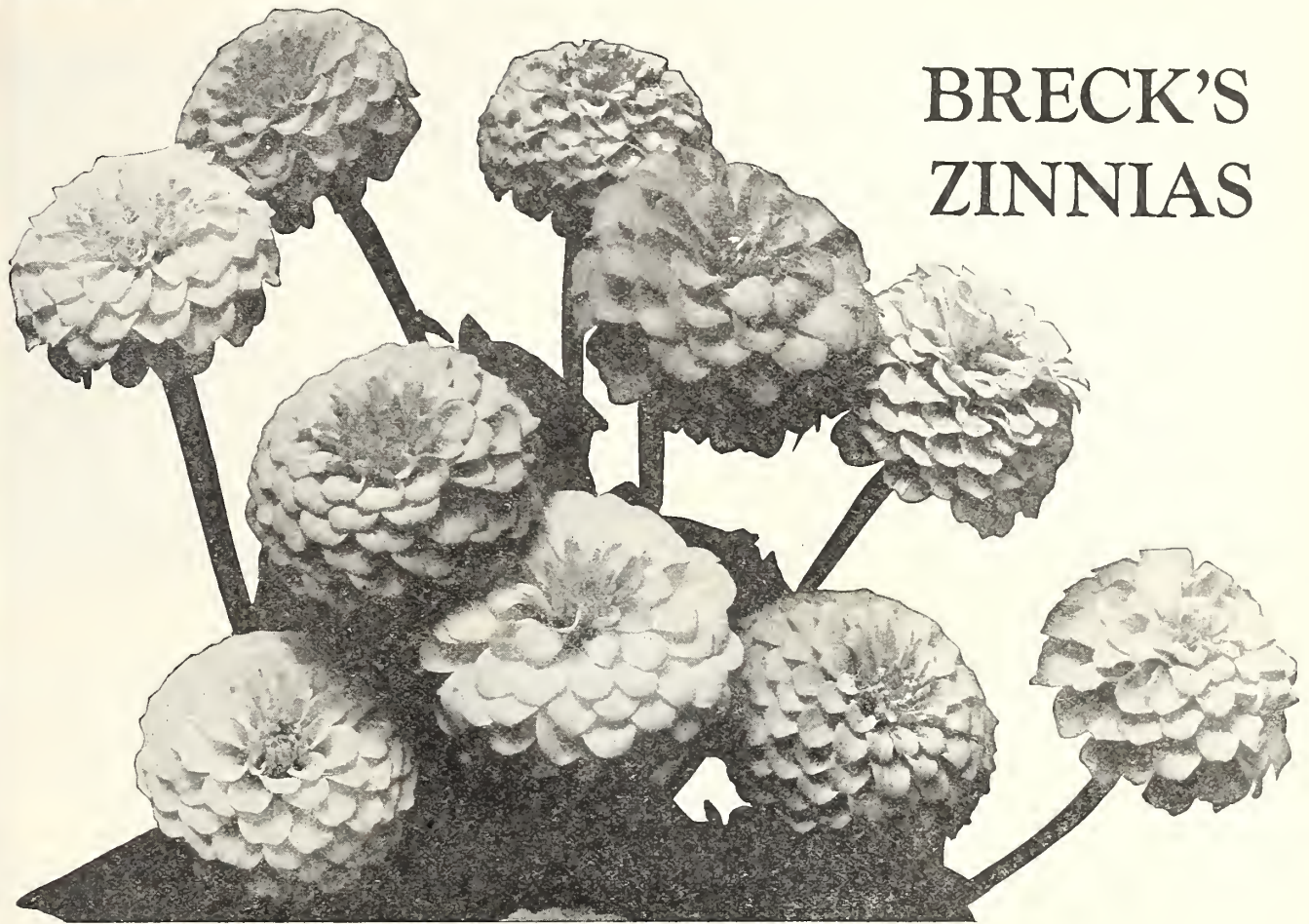
WHITLAVIA

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

7145 Gloxinoides. Blue, white throat. Packets 15c and 35c.
7146 Grandiflora. Blue. Packets 10c and 25c.
7147 Grandiflora Alba. White. Packets 10c and 25c.

XERANTHEMUM—Immortelles

Free-flowering and very desirable Everlastings
7150 Choice Mixed. Packet 15c; Large Packet 35c.



BRECK'S ZINNIAS

Zinnia—Breck's Dwarf Defiance

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.

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 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.
7208 Golden State. Rich orange yellow.
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 DWARF DEFIANCE

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

7225 Carmine	7238 Violet
7227 Crimson	7241 Purple
7231 Flesh Pink	7243 Salmon Rose
7233 Golden Yellow	7247 White
7235 Light Scarlet	7249 Choice Mixed
7237 Light Yellow	
72491 Collection (of 6 varieties). For 50c.	

OTHER VARIETIES

- ★7250 **Achievement.** Distinct from all other Zinnias hitherto 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.

BRECK'S HARDY PERENNIAL FLOWER SEEDS

For complete list of Annuals see page 12. For Greenhouse Seeds see page 50.

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 *Lycotomum*. Yellow. Pkt. 25c.
7323 *Napellus*. Dark blue. July and August. Packet 25c; Large Packet 60c.
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 *Potanini*. Light blue. 2 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.

For Annual Varieties see page 12.

ÆTHIONEMA

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

- 7345 *Grandiflora*. Rosy Lilac. 1½ feet. Pkt. 25c.

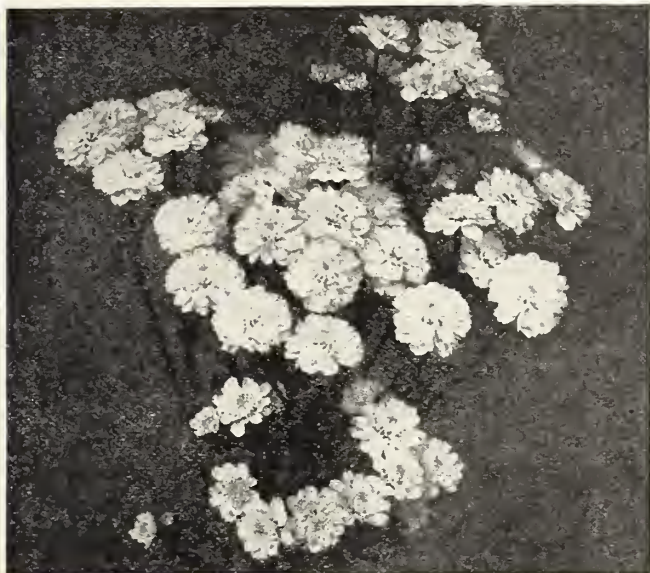
Joseph Breck and Sons:

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.



Aquilegia



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. For Annual Varieties see page 12.

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.

For Annual Varieties see page 13.

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.

For Annual Varieties see page 13.

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 *Liliastrum* (St. Bruno's Lily). White with green-spotted petals. 2½ feet.



Anchusa

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. pl.* Large double flowers of pure white. 2 feet. Packet 15c; Large Packet 35c.

7424 *Californica Hybrida* (Californian Columbine). Very distinct. Spurs long, orange-red. Petals yellow-brown. Foliage broad. 2 feet. Packet 25c; Large Packet 60c.

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. Pl.* Double yellow. 2 feet. Packet 25c; Large Packet 60c.

7432 *Cœrulea* (Rocky Mountain Columbine). Foliage much divided. One of the best. Particularly good for rockery planting. Violet and white. 2 feet. Pkts. 25c and 60c.

7438 *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 spurs; 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.

7454 *Single Mixed*. Choice mixture of many colors. Packet 10c; Large Packet 25c.

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.



Aster

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 *Novæ Angliæ 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.



Bellis Perennis

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

An excellent Perennial for hardy borders; pea-shaped flowers borne in spikes. June and July.

7510 *Australis*. Bright blue. 2 feet. Packets 15c and 35c.

BELLIS PERENNIS—English Daisy

The English Daisies are very popular Spring flowering, perennial plants, often used for bedding with Pansies, Forget-Me-Nots, 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.

BUPHTHALMUM—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.

CALLIRHOE—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

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.

CALYCANTHEMA

(Cup and Saucer.) 2½ feet. Packet 15c; Large Packet 35c.
 7556 Dark Blue 7560 Rose 7564 Mixed
 7558 Mauve 7562 White

SINGLE

This is the old-fashioned variety with large bell-shaped blossoms. 2½ feet. Packet 10c; Large Packet 25c.

7568 Blue 7572 Rose 7576 Mixed
 7570 Mauve 7574 White

DOUBLE

2½ feet. Pkts. 15c and 35c. (Except where otherwise priced.)

7580 Blue 7582 Rose
 7584 Violet King. Deep violet. Packets 35c and 85c.
 7586 White 7588 Mixed

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 Cœrulea*. (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.

7596 *Glomerata*. Deep blue flowers in large clustered heads. July and August. 1½ feet. Packets 25c and 60c.

7599 *Persicifolia Grandiflora Cœrulea*. 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.



Carnation Plumarius

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

7614 *Rotundifolia* (Blue Bells of Scotland). Pale blue; of slender, graceful habit, very attractive. Good for borders and rock gardens. Trailing in growth. Flowers small, bell-shaped. Pkt. 25c.

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.



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.

- 7676 *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.
7680 *Maximum Perfection*. Large white flowers; a handsome cut flower. July. 3 feet. Packets 15c and 35c.
7682 *Shasta Daisy*. Large white flowers. June. 2 feet. Packet 15c; Large Packet 35c.

- 7684 *Tuckwood Daisy*. Large flowers with double row of petals—pure white. July. 3 feet. Packets 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. Packets 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 shrubby 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.
7710 *Belladonna*. Beautiful turquoise-blue flowers. This variety is a very fine continuous bloomer from the end of June until frost; no hardy border is complete without it. Packet 35c; Large Packet 85c.
7713 *Bellamosa*. A dark blue of the type of Belladonna with the color of the Old Formosum variety, but not liable to mildew like the latter, and of stronger growth. Packet 35c; Large Packet 85c.
7719 *Cardinale*. Scarlet with yellow center. 3 feet. Packet 25c; Large Packet 60c.
7725 *Chinensis*. Blue. Foliage light green; deeply divided. Individual flowers large and in compact racemes. Good for the hardy border. 1½ feet. Packets in two sizes, 10c and 25c.
7728 *Chinensis Album*. A variety of the preceding with pure white flowers. 1½ feet. Pkt. 10c; Large Pkt. 25c.
7737 *Formosum*. Rich, dark blue. Pkt. 15c; Large Pkt. 35c.
7745 *King of Delphiniums*. Deep blue with white eye. Packet 25c; Large Packet 60c.
7751 *Nudicaule*. Scarlet. 2 feet. Packets 25c and 60c.
7753 *Choice Hybrids Mixed*. An excellent mixture of large flowering hybrids. 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 shrubberies, 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 *Gloxinæflora*, 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 *Maculata 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.

7806 *Aurantiacus*. Orange. July and August. 1 foot. Pkt. 25c.

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 *Fraserii*. Packet 15c; Large Packet 35c.



Delphinium



Digitalis

GAILLARDIA—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.

☉7830 **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.

7834 **Grandiflora Maxima.** Yellow. Packets 15c and 35c.

☉7838 **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.

7842 **Officinalis.** Purple. Packet 10c; Large Packet 25c.

7844 **Officinalis alba.** Pure white. Packets 10c and 25c.

GENTIANA

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

7848 **Acaulis.** 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.

7859 **Atrosanguineum.** The flowers are of deep orange-scarlet and semi-double. Pkt. 25c; Large Pkt. 60c.

7860 **Lady Stratheden.** Fine double yellow; same type as Mrs. Bradshaw. Packet 25c; Large Packet 60c.

7861 **Mrs. Bradshaw, Fl. Pl.** Very large double flowers of the brightest scarlet; an excellent variety. Packet 25c; Large Packet 60c.

7863 **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.

7865 **Arundo Donax** (Great Reed). Drooping foliage; tall and stately. 12 feet. Pkt. 10c.

7867 **Erianthus Ravenæ** (Plume Grass). Often called hardy pampas grass on account of its close resemblance. Tall spikes of silvery plumes. 8 feet. Pkt. 10c.

7869 **Eulalia Japonica variegata.** Long narrow green leaves striped white. 5 feet. Pkt. 15c.

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

7875 **Panicum Altissimum.** Of fine habit and striking appearance. Pkt. 10c.

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.

7882 **Paniculata.** Masses of flowers with fine feathery stems and foliage, fine for bouquets. Packets in two sizes, 10c and 25c.

☉7884 **Paniculata, Fl. Pl.** Seeds offered of this variety produce about 70% double flowering plants. This is a rare addition to the hardy Perennials and is highly recommended. Packet 25c; Large Packet 60c.

7886 **Repens.** A dwarf trailing plant producing dense clouds of tiny white flowers. A particularly good variety for rock-work and for low borders. Packet 15c; Large Packet 35c.

For Annual Varieties see page 23

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.

7890 **Scotch Heather.** Pink. Pkt. \$1.00.

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.

7895 **Autumnale Superbum.** Large heads of bright golden yellow flowers. 4 feet. Packet 25c; Large Packet 60c.

7897 **Bigelowii.** Bright golden yellow with brown discs. 4 feet. Packet 25c; Large Packet 60c.

7899 **Hoopesii.** Orange yellow. An early flowering variety, blooming in June. 2 feet. Packet 15c; Large Packet 35c.

7901 **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.

7916 **Golden Sun.** Golden yellow. Packets 15c and 35c.

7917 **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.

7925 **Matronalis.** Purple. Pkt. 10c; Large Pkt. 25c.

7927 **Matronalis alba.** White. Pkt. 10c; Large Pkt. 25c.

7930 **Mixed.** Packets in two sizes, 10c and 25c.



Gaillardia

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.

- 7935 Sanguinea. Coral-red spikes of flowers. Pkt. 25c.
 7937 Splendens. Bright crimson-scarlet. Pkt. 25c.
 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 unexcelled 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 | 7962 Newport Pink. Double flowers of beautiful pure pink |
| 7952 Blush White | |
| 7954 Carmine | 7964 Pure White |
| 7956 Crimson | 7966 Rose |
| 7958 Dark Maroon | 7968 Salmon Pink |
| 7960 Lemon Yellow | |
- 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 | 7978 Purple | 7983 White |
| 7976 Pink | 7980 Scarlet | 7985 Yellow |
- 7987 Single Mixed. All colors.
 79891 Collection, Single (6 distinct colors). For \$1.25.
 7990 Alleghany Mixed. Single and double fringed. Packets 15c and 35c.

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 Kaempferi 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—Lavendula

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. Blue. 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.



Hollyhock



Lychnis



Lythrum



Lupinus

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 Cœruleum*. Blue. Pkt. 10c; Large Pkt. 25c.
 8048 *Perennial 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 *Arboreus*. Bright yellow. Pkt. 15c; Large Pkt. 35c.
 8062 *Arboreus 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.

Covered with blooms of rich, effective colors. 2 feet. Packet 25c; Large Packet 60c.

- 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.
 8087 *Haageana Hybrida*. Mixed. Packets 15c and 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 60c.
 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.

GENOTHERA—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 flowered. Yellow. 3 feet. Packet 10c; Large Packet 25c.
8146 **Missouriensis.** A low growing variety, the prostrate branches of which are profusely covered with large 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.

- 8168 **Decussata Mixed.** Pkt. 25c.
8170 **Decussata Nana Mixed.** Dwarf. Pkt. 25c.

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.

- 8175 **Virginica Grandiflora Rosea.** Rose pink. Packet 15c; Large Packet 35c.
8177 **Virginica Grandiflora Alba.** White. Packet 15c; Large Packet 35c.

PLATYCODON—Balloon Flower

Numerous bell-shaped flowers on erect stalks. Bushy in habit and very showy. Flowers somewhat resemble Canterbury Bells. June to October.

- 8190 **Grandiflora Cœrulea.** Blue. 2 feet. Packet 10c; Large Packet 25c.
8192 **Grandiflora Alba.** White. 2 feet. Pkts. 10c and 25c.
8193 **Mariesi.** Dwarf large-flowered blue. 1 foot. Packet 15c; Large Packet 35c.

POLEMONIUM—Jacob's Ladder

A handsome border plant, with feathery fern-like foliage and clusters of bell-shaped flowers. June and July. 2 feet.

- 8197 **Grandiflorum Album.** White. Packets 15c and 35c.
8199 **Grandiflorum Cœruleum.** Blue. Packets 15c and 35c.
8201 **Richardsonii.** Sky blue. Packets 15c and 35c.

POPPY—Papaver

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

ALPINUM

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

- 8206 **Fringed Mixed.** Beautiful fringed varieties. Pkt. 25c.
8208 **Mixed.** Pkt. 25c.

NUDICAULE

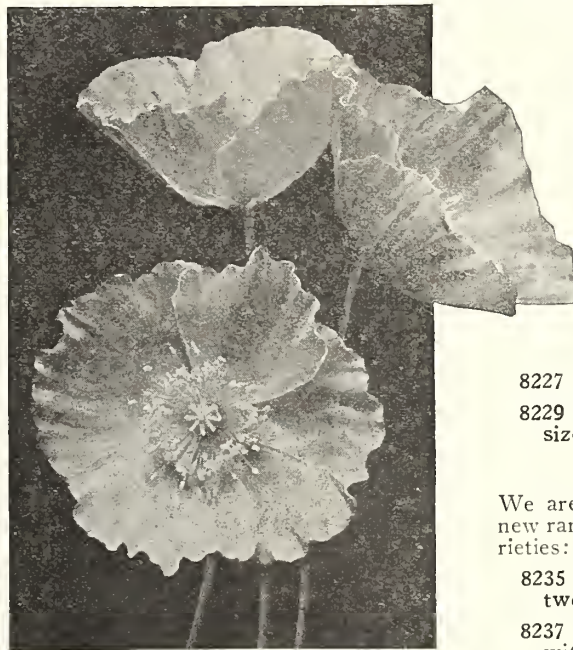
(Iceland Poppy.) This beautiful dwarf perennial Poppy, if sown early in the season will flower the same year. The bright and showy blossoms are borne on slender stems. 1 foot.

- 8215 **Album.** White. Packet 25c; Large Packet 60c.
8217 **Aurantiacum.** Orange-scarlet. Packets 25c and 60c.
8219 **Coccineum.** Double scarlet. Packets in two sizes, 25c and 60c.
8220 **Coonara Pink Hybrids.** An excellent new strain of Iceland Poppies producing flowers which vary from flesh color, through all the various shades of pink, to deep rose. Pkt. 50c.
8221 **Luteum.** Double Yellow. Packets 25c and 60c.
8227 **Yellow.** Packets 25c and 60c.
8229 **Single Mixed.** Packets in two sizes, 25c and 60c.

ORIENTALE

We are now able to offer an entirely new range of colors in the following varieties: 3 feet.

- 8235 **Apricot Queen.** Packets in two sizes, 25c and 60c.
8237 **Beauty of Livermere.** Crimson with dark blotch. Packets in two sizes, 25c and 60c.



Poppy Nudicaule

- 8239 **Mrs. Perry.** Orange-apricot, a beautiful shade. Pkt. 25c.
8241 **Orientele.** Orange-scarlet flowers, having a conspicuous black blotch on each petal. 2 feet. Pkts. 10c and 25c.
8247 **Queen Alexandra.** Rosy salmon with Crimson blotch. Pkt. 25c.
8249 **Salmon Queen.** Rich salmon-yellow. Packet 25c; Large Packet 60c.
8250 **Orientele Hybrids Mixed.** Immense flowers of many colors. Packet 25c; Large Packet 60c.

For Annual Varieties see page 30

POTENTILLA

Very useful border plants with handsome foliage and showy flowers of yellow and red shades from June to August. 1½ ft.

- 8255 **Double Mixed.** Pkt. 25c.
8257 **Single Mixed.** Pkt. 10c.

ROCK GARDENING

Breck's Rock Garden Collection of Hardy Plants will be found on page 135.

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.
- 8264 *Japonica Mixed*. (Japanese Mixed). 2 feet. 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.
- 8272 *Acaulis*. Common yellow English Primrose. ½ 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 Cœrulea*. 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

SENECIO

A handsome perennial with rich orange-yellow flowers and large leaves. Well adapted to growing by the sides of lakes and streams. July and August.

- 8320 *Clivorum*. 4 feet. Pkt. 25c.

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.



Scabiosa Caucasica



Sweet William

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.
- 8368 Pink Beauty. Deep pink. Packets 15c and 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

A fine herbaceous plant very useful for mixing with cut flowers.

- 8383 Adiantifolium. Graceful fern-like foliage. 1 ft. Pkt. 15c.
- 8385 Dipterocephalum. 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.

TROLLIUS—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 Europæus. Yellow. Packet 15c; 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.

- 8415 Longifolia. Deep blue. August and September. Packet 10c; Large Packet 25c.
- 8417 Spicata. Bright blue. July. Packets 15c and 35c.

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.
- 8433 Cloth of Gold. Deep yellow. Packets 10c and 25c.
- 8436 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.
- 8444 Vulcan. Rich velvety crimson. Packets 15c and 35c.
- 8447 Single Mixed. Packet 10c; Large Packet 25c.
- 8450 Double Mixed. Packet 25c; Large Packet 60c.
- 84541 Collection (6 varieties). For 50c.

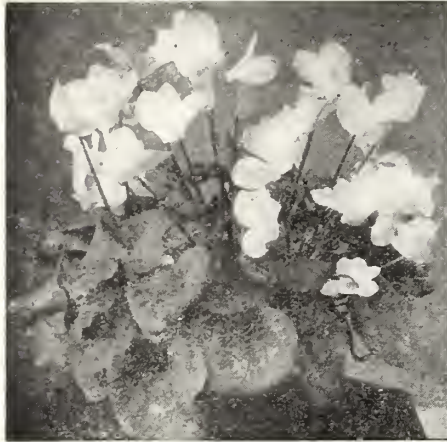
YUCCA—Adam's Needle

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.

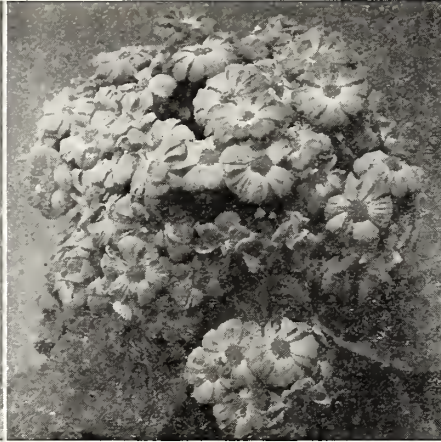
- 8455 Filamentosa. Creamy white. Pkt. 25c.



Veronica



Cyclamen



Cineraria



Calceolaria

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.

8512 *Dealbata*. Golden-yellow flowers, silvery fern-like foliage. 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 *Cœlestis*. 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 *Plumosus Nanus*. Valuable for its graceful finely cut foliage. Pkt. 25c; for 100 seeds \$1.25.

8576 *Sprengeri*. 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

8650 Antique Rose

8656 Crimson

8653 Azure Blue

8659 Pure White



Geranium



Gloxinia



Primula

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.

FERNS

Easily grown greenhouse varieties producing many new forms of various heights with ornamental foliage.

8765 Greenhouse Varieties Mixed. In great variety. Pkt. 25c.

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.

HELIOTROPE

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 **Sultani.** 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.

- 8860 **Breck's New Hybrids.** A splendid mixture. Pkt. \$1.00.

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.

MUSA 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 **Cœrulea.** 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 Foliis 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 Superb Giant Mixed.** Including the following Giant varieties and many others not catalogued.
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.

OBCONICA GIGANTEA

A cross between *Primula Obconica Grandiflora* and *Primula Chinensis*, resulting in a Giant type with large dark foliage and sturdy flower spikes. Pkt. 50c.

- ⊕8960 **Breck's Giant Hybrids.** Vigorous-growing large flowers in a mixture of many new shades.
8962 **Gigantea Cœrulea.** Blue.
⊕8964 **Gigantea Eureka.** Rosy carmine, shaded cerise, clear yellow eye.
8966 **Gigantea Kermesina.** Crimson.
8968 **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.

STELLATA

Our strain of this new and free-flowering *Primula* is unsurpassed; for cutting and pot culture they are unequalled. Pkt. 75c.

- 8985 **Breck's Star Mixture** 8988 **Light Blue Star**
8986 **Coral Pink Star** 8989 **Salmon Pink Star**
8987 **Crimson Star** 8990 **White Star**
8998 **Kewensis.** Bright yellow. Flowers nearly 1 inch in diameter. A splendid Winter-flowering plant. Pkt. 50c.

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 rosy 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.

- 9010 **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.

- 9040 **Baroness Inverforth.** Deep carmine. Pkt. \$1.00.
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.

- 9052 **Smithii.** Rich orange. Pkt. 50c.

TRACHELIUM

Showy blue flowers. An interesting plant for greenhouse decoration producing large feathery heads of flowers.

- 9055 **Cœruleum.** Blue. Pkt. 15c.

BRECK'S VEGETABLE SPECIALTIES



Bean—"The Wonder"

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 $6\frac{1}{2}$ 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.

STIMUGERM

Inoculate All Peas and Beans
Before Planting

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.



BUSH BEAN
"Asgrow Valentine"

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. \$1.75; 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

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.



Melon Golden Champlain

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; $\frac{1}{4}$ lb. \$1.50.

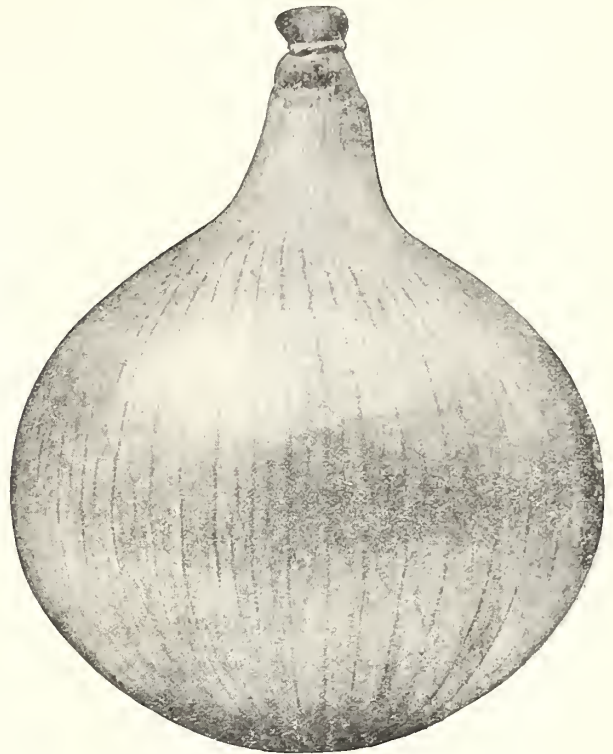
BROCCOLI

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.



Broccoli Italian Green Sprouting



Premier Onion

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; $\frac{1}{4}$ -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.

BRECK'S VEGETABLE SEEDS

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 hotbed. One ounce of seed will sow 30 feet of drill; $\frac{3}{4}$ lb. to the acre.

LARGE GREEN GLOBE.

A MOST DESIRABLE VARIETY WITH BROAD, THICK, FLESHY HEADS. PKT. 25c; OZ. \$1.00.



Artichoke Large Green Globe

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 most 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; 5 lbs. 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. 75c.

Medicinal Asparagus Seed. $\frac{1}{4}$ lb. 15c; lb. 50c.



Mary Washington

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 hardier 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. \$3.20.
- 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, brittle 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.

For the Vegetable Garden Use
BRECK'S MARKET GARDEN MANURE
50 lb. bag \$1.75; 100 lb. bag \$3.00; per ton \$50.00



Burpee's Stringless Green Pod

- Black Wax, Pencil Pod.** Very early and productive, pods 6 to 7 inches long, round, meaty, stringless, straight, bright yellow color and of best quality. ✓ 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75.
- Black Wax, Currie's Rust Proof.** Pods flat, and of good quality; very early. 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75.
- Black Wax, Prolific.** Pods round, 5 inches long, quality good. 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75.
- Brittle Wax or Round Pod Kidney Wax.** A hardy early round-podded variety. 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75.
- Davis Kidney Wax.** The best white seeded wax bean; pods long and of good quality. 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75.
- Hardy Wax.** An excellent hardy home garden variety having round pods of good quality. 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, hardier, and not as stringy as this sort. 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75.

BEANS

All Beans 20c per packet

DWARF SHELL VARIETIES

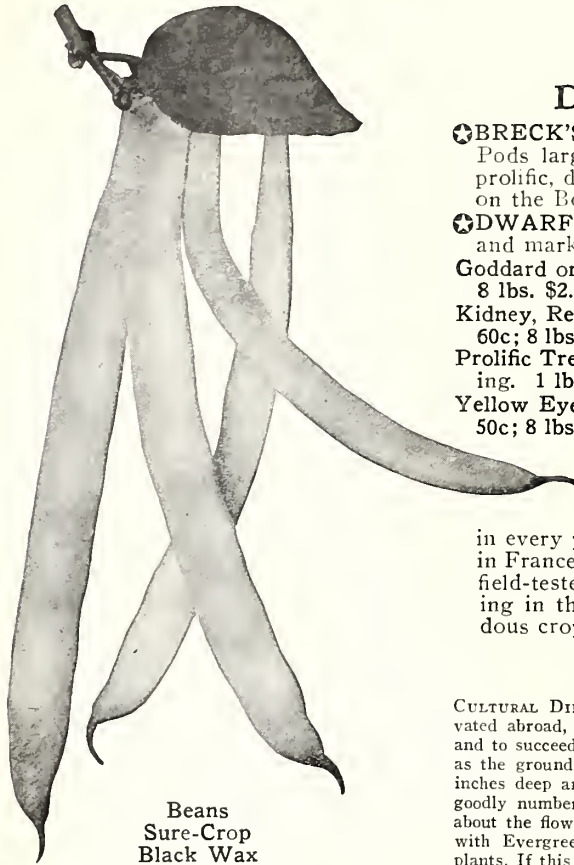
- ⊕ **BRECK'S TEWKSBURY DWARF HORTICULTURAL.** Pods large, green, deeply splashed with carmine. Plants very prolific, distinctly dwarf and vigorous. One of the most popular on the Boston Market. 1 lb. 50c; 2 lbs. 90c; 8 lbs. \$3.00.
- ⊕ **DWARF HORTICULTURAL.** A good variety for the home and market 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. \$2.25.
- Prolific Tree Pea Bean.** A very small white bean popular for baking. 1 lb. 25c; 2 lbs. 40c; 8 lbs. \$1.50.
- Yellow Eye Improved.** A popular baking bean. 1 lb. 30c; 2 lbs. 50c; 8 lbs. \$1.75.

⊕ **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 hardier than all other varieties of the bean family and to succeed best with them 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.



Beans
Sure-Crop
Black Wax

Buzzards Bay, Mass.
October 6, 1930.

Joseph Breck & Sons,
85 State Street,
Boston, Mass.

Gentlemen:

We have been using Breck's vegetable seeds on this estate for the past ten years. The quality throughout has been most excellent and has given every satisfaction.

Your Tewksbury Dwarf Horticultural Beans have been particularly good and have done extra well this past season.

I am very well pleased with the vegetable specialties included in last spring's order, especially Beans, The Wonder and Black Prince; also Peas, The Monster and Kelvidon Wonder, varieties which I can highly recommend.

Truly yours,

Wm. J. F. Black,
Supt. for Frederick E. Snow.

Inoculate Beans with **STIMUGERM.**
Special garden size 25c.

LIMA BEANS

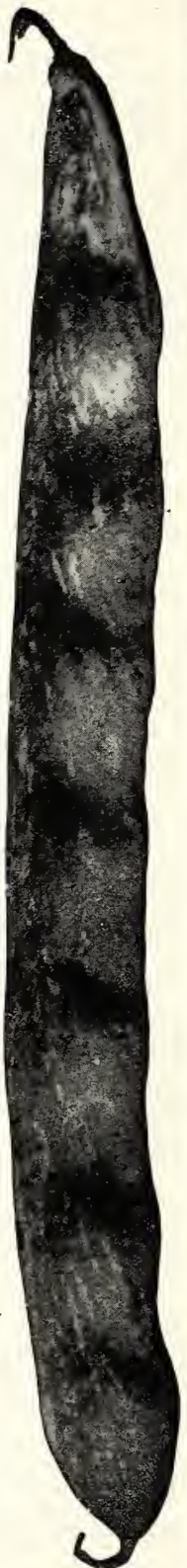
DWARF VARIETIES

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.



Beans—Breck's
Tewksbury
Horticultural

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 hardier than the large lima. 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.50.



Fordhook Bush Lima

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 Wurzel 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

★ **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. Oz. 10c; ¼ lb. 30c; lb. \$1.00.

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.

Champion Yellow Globe. Grows in shallow soils. Oz. 10c; ¼ lb. 30c; lb. \$1.00.

Giant Half Sugar Mangel. Highly recommended for stock feeding. The skin is bright rose above the ground and white below. Flesh white, sometimes tinged with rose. Under good cultivation, roots grow half out of the ground. Oz. 15c; ¼ lb. 50c; lb. \$1.00.

Golden Tankard. A half-long variety of bright yellow color. Oz. 10c; ¼ lb. 30c; lb. \$1.00.

Klein's Wanzenleben. One of the most popular of the Sugar Beets and has been grown in this section for many years. Oz. 15c; ¼ lb. 50c; lb. \$1.00.

Red Globe. Similar to Yellow Globe, except in color. Oz. 10c; ¼ lb. 30c; lb. \$1.00.

★ **SLUDSTRUP BARRES.** The Giant Mangel-Wurzel. The seed we offer is Danish grown and Sludstrup has been repeatedly awarded the highest honors in Danish Agricultural Exhibitions. While the roots do not grow to as great a length as Mammoth Long Red, the growth is more above ground, thicker and heavier, frequently weighing 15 pounds and more; color, reddish yellow. A most desirable stock feed. Oz. 10c; ¼ lb. 35c; lb. \$1.00.

MORELANDS

DUBLIN, NEW HAMPSHIRE
GEORGE M. FINNIE, SUPT.

November 15, 1930.

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.

It has been my pleasure to recommend your seeds and to exhibit their products to several visitors here this past summer.

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; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$2.00.

Dewing's Early Blood. Medium early sort, good keeper, large size; an old time favorite. Pkt. 10c; oz. 20c; $\frac{1}{4}$ 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. \$1.50; lb. \$4.00.

★ **EARLY WONDER.** Early, having a small top and therefore an excellent beet for bunching. Roots somewhat tap shaped, uniform color and good quality. Pkt. 10c; oz. 30c; $\frac{1}{4}$ 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$2.00.

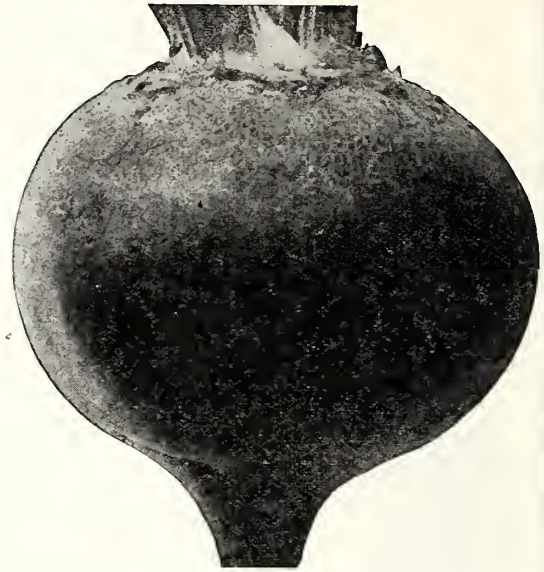
★ **BRECK'S BEATS ALL.** Generally considered the best all around early or main crop beet for the home garden and general planting. Frequently used as a bunching beet if pulled before maturity. The tops are small, upright in growth, leaves dark green shaded with red, color uniformly deep red; flesh when cut vermilion 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; $\frac{1}{4}$ lb. 75c; lb. \$2.00.

Egyptian. Early, small top, roots very flat and of good quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.50.

Beets for Greens. 1 oz. pkt. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.



Brussels Sprouts Long Island Mammoth



Beet Early Wonder

BROCCOLI

CULTURAL DIRECTIONS. This Vegetable is very similar in habit to the Cauliflower. This useful vegetable is often referred to as the hardy 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 bluish green in color. When the main head is cut the side branches produce small compact flower clusters. Grows very vigorously in Massachusetts. 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 off the lower leaves, this allows the heads to develop better and permits the easier removal of them when sufficiently hard. In order to secure the best quality of Brussels Sprouts it is all important to secure the very best strains of seed. Brussels Sprouts are very hardy and withstand quite severe frost. One ounce of seed produces 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; $\frac{1}{4}$ lb. \$6.50.

Improved Paris Market. A reliable variety for general use. Pkt. 10c; oz. 50c; $\frac{1}{4}$ 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. 35c; 1 oz. 60c; ¼ lb. \$2.00.

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; ¼ lb. \$3.00.

Early Jersey Wakefield. Very early, heads cone shaped, solid and good quality. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ¼ 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; ½ oz. 40c; 1 oz. 75c; ¼ 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.



Cabbage Copenhagen Market

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; ¼ lb. \$1.25.

Succession. An excellent late summer variety. Heads large, flattened and solid. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ¼ lb. \$1.25.

☉ **Enkhuizen.** Heads large, round and very solid. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ¼ 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; ¼ 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; ½ oz. 85c; 1 oz. \$1.50; ¼ lb. \$5.00.

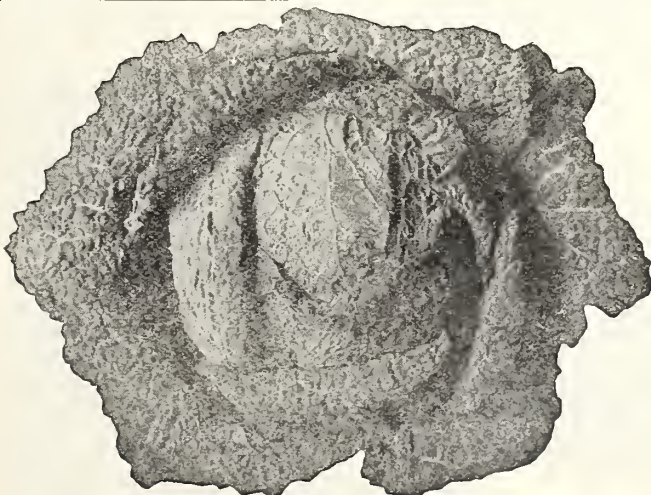
Penn. State Ball Head. A selection of the Danish Ball Head developed at the Pennsylvania State College. Heads large and solid. Pkt. 15c; oz. \$1.00; ¼ lb. \$3.25.

Premium Drumhead. A standard large, flat variety, for the main crop. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ¼ 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; ¼ lb. \$2.50.

Improved American Savoy. Large, late, crumpled leaf, good keeper. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ¼ lb. \$1.50.



Breck's Winchester Savoy



Cabbage Golden Acre

CABBAGE (Continued)

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. \$2.50.

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 blanch 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; 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.

Early Scarlet Forcing. The earliest and shortest of all Carrots. Color orange-red; very small tops. The variety generally used for forcing under glass, usually pulled when 3 to 3½ inches long. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.00.

Early Scarlet Horn. Roots 2½ to 3 inches long. Color orange; tops small; an excellent small early Carrot. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00.

Guerrande or Oxheart. Stump-rooted; about 5 inches long; color bright orange, small top with little foliage. A good table carrot. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00.



Carrot Long Orange Improved

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; $\frac{1}{4}$ 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; $\frac{1}{4}$ 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. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Long Orange. A hardy, good-keeping variety about 20 inches long; pointed, color pale orange under ground, quite green above ground. Used both for the table and for stock feed. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.



Carrot Chantenay

★**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; $\frac{1}{4}$ lb. \$2.25.

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 suc-

cessful. 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 White Bouquet

★**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; $\frac{1}{2}$ oz. \$3.00; oz. \$5.00; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. \$12.00.

Earliest Dwarf Erfurt. Plants very compact and the heads uniform, compact, medium sized and white. Pkt. 25c; oz. \$5.00; $\frac{1}{4}$ 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. \$5.00; $\frac{1}{4}$ lb. \$12.00.

Veitch's Autumn Giant. A desirable large, late variety. Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$2.50.



Celery Breck's Golden Self Blanching

⊛**BRECK'S EASY BLANCHING** Arlington Strain. A most carefully selected Arlington-grown stock of the well-known Easy Blanching, which will bleach as quickly as White Plume or Golden Self-Blanching, Almost blight proof. Quality good, keeping qualities excellent if stored quite green. Pkt. 15c; oz. \$1.50; ¼ lb. \$5.00.

Golden Plume or Wonderful. Very early, hardy, vigorous, full hearted and of excellent quality. Unexcelled for the home or market garden. Stalks medium in size, meaty and blanch to a very beautiful creamy white. Pkt. 10c; oz. \$1.00; ¼ lb. \$3.50.

⊛**Breck's Golden Self Blanching.** The variety most extensively grown in all sections of the country for all purposes, by both market and private gardeners. The plants are compact with abundant foliage, short, thick stems and large, solid hearts. The stalks, which are rich in flavor, tender, crisp and brittle, may be blanched readily to a beautiful creamy white. Our selected strain of this splendid variety is a favorite among commercial growers in this locality. Pkt. 15c; oz. \$1.00; ¼ lb. \$3.00.

CELERIAC

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; ¼ lb. \$1.50.

CELERY

CULTURAL DIRECTIONS. The celery crop in America is an extremely important and valuable one. To successfully grow this plant heavily manured land is most essential. At one time the European plan of growing in trenches was followed and is still practised on many Private Estates. Just as good results may be attained by level culture which is practised commercially. There are grave dangers in the trench system, especially where the soil is very heavy for torrential rainstorms in Summer will cause water to lie in the trenches and this will ruin the plants if the storm is followed by a period of strong sunshine. Sowings before late February will result in many plants bolting to seed, especially if a moist spell should follow a very dry one. Therefore in late February sowings of Easy Blanching and other early varieties should be made, pricking seedlings out into flats of rich soil, for planting out with the advent of settled weather. The main crop for winter use should be sown in a frame, or even outdoors in May. If seed is planted outdoors it should be where the seed bed can be regularly watered. Water is very essential to the production of good Celery plants. The winter varieties should be planted out during July, preferably the early portion of that month, but very good success may be secured by planting as late as the first half of August. Amateurs find it convenient to grow celery in double rows spaced 18 inches apart with the plants set 8 inches apart in the rows. Under field culture single rows are preferred. Constant cultivation and spraying to prevent blight are two necessary factors. The early varieties are best blanched by means of boards 12 to 15 inches high which are set on edge on either side of the rows and held in position by occasional cross sticks or by driving short stakes on the outer sides of them. Very much cleaner looking celery is secured from board blanching although it lacks the sweetness and nuttiness of that banked later with soil. It is unwise to bank soil about plants during very hot weather. This will often induce rot and in moist weather worms will tend to discolor the stalks. With the advent of cool weather banking should proceed at intervals, until plants are practically covered. Before weather becomes too severe Celery should be stored in sheds, frames or cool cellars for use during the winter. Artificial heat should never be used in any storage place. The roots should be packed in earth and the stalks should stand upright and any dead or decaying foliage should be removed before the plants are stored. Careful ventilation and a low temperature, just above freezing, are needed to ensure the successful wintering of celery. One ounce of seed should produce about 3000 plants; 4 oz. to the acre.

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; ¼ lb. \$1.75.

⊛**BRECK'S BOSTON MARKET.** Popular market garden variety; tender, mild flavor; good keeper. Pkt. 15c; oz. 85c; ¼ 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; ¼ lb. \$1.75.

Clayworth Pink Prize. (See Vegetable Specialties). Medium size, early, heart solid and crisp. Pkt. 25c; oz. \$1.00; ¼ lb. \$3.50.

Celery Seed for Flavoring. 1 oz. pkt. 10c; ¼ lb. 20c; lb. 60c.

CELERY 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 ½ inch deep, one foot apart.

Chervil, Curled. Leaves curled, crisp and light green color. Pkt. 10c; oz. 30c; ¼ lb. \$1.00

SWEET CORN

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 $2\frac{1}{2}$ 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

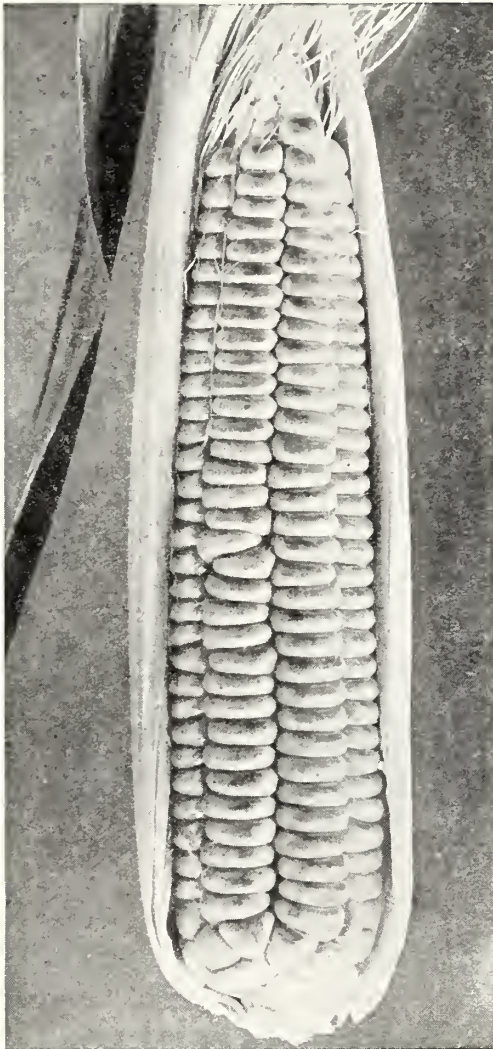
- ✦ **GOLDEN SUNSHINE.** The earliest of the yellow sweet corn varieties, maturing about 10 days prior to Golden Bantam. Stalks 4 to 5 feet high with ears 6 inches long and having 12 rows of large kernels. Quality very fine and plants very productive. $\frac{1}{2}$ lb. 30c; 1 lb. 50c; 2 lbs. 90c; 12 lbs. \$3.50.
- Early Surprise.** A very early variety (70 days) of white corn, stalks $4\frac{1}{2}$ feet high, ears 8 to 12 rowed; quality good. $\frac{1}{2}$ lb. 25c; 1 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. $\frac{1}{2}$ 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. $\frac{1}{4}$ lb. 50c; 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. $\frac{1}{2}$ 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. $\frac{1}{2}$ 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. $\frac{1}{2}$ 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 $4\frac{1}{2}$ to 5 feet. Ear larger than Cory, having eight to twelve rows of kernels. A profitable market garden variety. $\frac{1}{2}$ 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, corn fodder 5 to 6 feet high. $\frac{1}{2}$ 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. $\frac{1}{2}$ 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. $\frac{1}{2}$ 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. $\frac{1}{2}$ 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. $\frac{1}{2}$ 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.

Bantam Evergreen



Breck's Golden Bantam Corn
Selected Mass. Grown

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. $\frac{1}{2}$ 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. $\frac{1}{2}$ lb. 25c; $\frac{1}{4}$ 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. $\frac{1}{2}$ lb. 25c; $\frac{1}{4}$ 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

OLD HOMESTEAD. For Pop-corn Balls, Candied Pop-corn and Nuggets. Per 1-lb. pkg. Net \$0.12; per case of 24 pkgs. Net \$2.40.

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; $\frac{1}{4}$ 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 $\frac{1}{2}$ 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; $\frac{1}{4}$ lb. \$1.25.
Large Rooted. Pkt. 10c; oz. 35c; $\frac{1}{4}$ 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.



Chicory Witloof

CUCUMBER

CULTURAL DIRECTIONS. For an early crop seeds may be started indoors in Grower 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; $\frac{1}{4}$ lb. \$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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. 75c.

Long Green Improved. Late, 12 inches long, green, tender, excellent flavor. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

PICKLING VARIETIES

✪ **BOSTON PICKLING.** Very productive. Fruits short, bright green and make an excellent pickle. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

Early Cluster. Fruit borne in clusters. Prolific. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

Early Russian. Very hardy and productive. Extra early. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

West India Gherkin. Short green oval cucumber for pickling. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Japanese Climbing. Productive, fine quality. Excellent climbing vine. Pkt. 10c; oz. 25c; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. to the acre.



**SNAROL AND CUTWORMS
DO NOT AGREE**



CRESS

✪ **Curled, or Peppergrass (Lepidium Sativum).** The popular sort. Sow thickly in drills, $\frac{1}{4}$ of an inch deep and a foot apart as early in Spring as the ground can be prepared. One ounce will sow about 100 feet of drill. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

Upland Cress (Barbarea vulgaris). A perennial variety resembling Water Cress. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

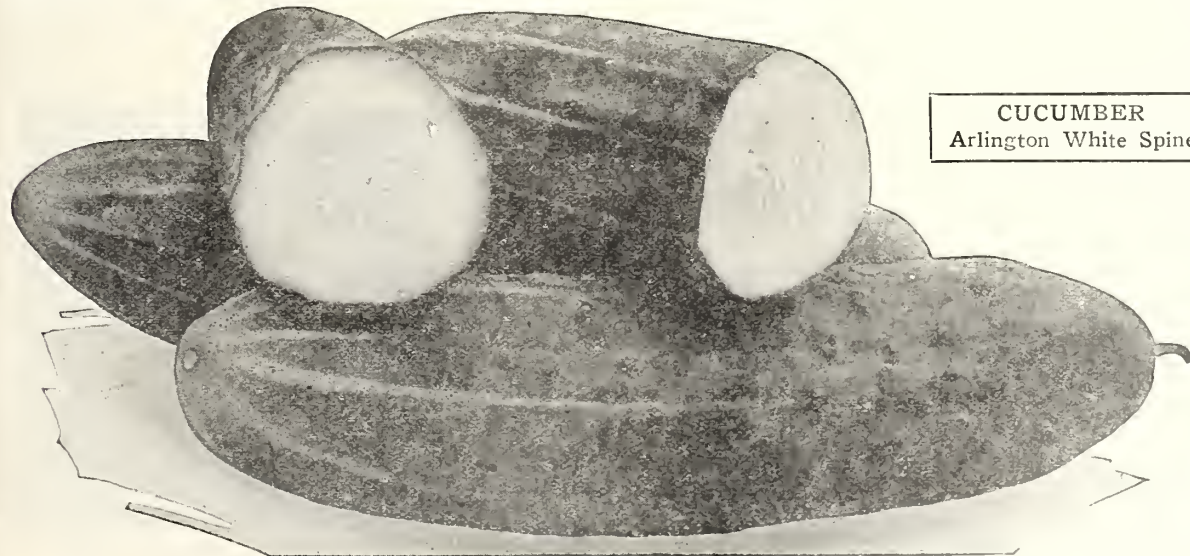
Water Cress (Nasturtium officinale). This variety succeeds only in damp soils on the border of ponds or streams, or where its roots are partially submerged in water. Seed should be sown about $\frac{1}{4}$ inch deep. Pkt. 10c; oz. 75c.

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; $\frac{1}{4}$ lb. \$5.00.

Thick-leaved French. Large and tender. Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00.



CUCUMBER
Arlington White Spine

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. 85c; ¼ lb. \$2.75.
- Black Beauty.** Early fruit, jet black, round in form and very solid. Pkt. 15c; oz. 85c; ¼ lb. \$3.00.
- Early Long Purple.** Differing only in shape from the foregoing; hardy and productive. Pkt. 15c; oz. 85c; ¼ 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 (Escarolle).** 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; ¼ lb. \$1.00.
- Moss or Parisian Curled.** A small, very beautifully curled sort. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.
- White Curled.** Grown for early use. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

KEEP VEGETABLES GROWING

Quality in vegetables is dependent on proper and continuous fertilization. We recommend applications of **BRECK'S MARKET GARDEN MANURE** throughout the proper season. Prices: 5 lbs., 40c; 10 lbs., 75c; 25 lb. bags \$1.00; 50 lb. bags, \$1.75; 100 lb. bags, \$3.00.

KOHL-RABI

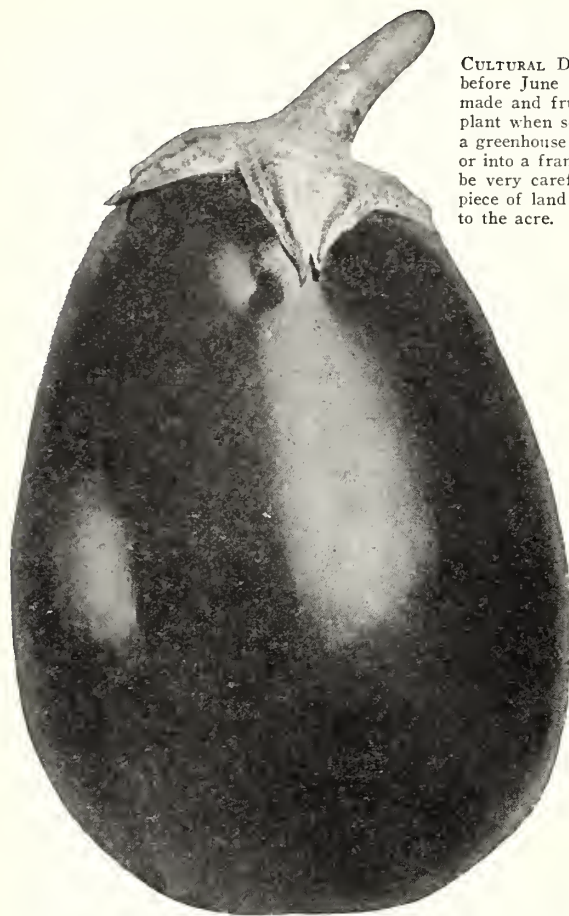
CULTURAL DIRECTIONS. This interesting member of the Brassica family is often referred to as the "Turnip Rooted Cabbage." Seeds may be sown thinly in shallow drills in early Spring and up to August 1st for a late crop. Several successive sowings are necessary during the season as the tubers soon get hard in hot dry weather. Their flavor resembles that of turnips but is rather more delicate. The roots must be used while rather small and when a knife or needle will easily puncture them. The Spring and Autumn sowings yield much the best roots. One ounce of seed will sow 150 feet of drill; 2 lbs. to the acre.

Early White Vienna. A very early variety, tops small and outer color is greenish white, flesh quite free from fibre. Quality is excellent. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

Early Purple Vienna. Very early, tops small, outer color purple, flesh quite free from fibre. Pkt. 10c; oz. 35c; ¼ lb. \$1.25.



Kohl-Rabi Early White Vienna



Egg Plant New York Improved

FLORENCE OR SWEET FENNEL (FINOCCHIO)

CULTURAL DIRECTIONS. This delicious Italian vegetable has grown very much in favor in recent years. The leaf bases form the portion which is so highly prized, being sometimes boiled and occasionally cut up and used in a raw state for salading purposes. It is unwise to sow very early or the greater portion of the plants will run to seed. Seed started early in June, and sown in drills and thinned out to 8 inches apart, will develop fine bases which are improved in flavor by hilling up with soil as cool weather approaches. Finocchio has a sweet and celery-like flavor which however is rather more delicate than Celery.

Sweet Fennel. Pkt. 10c; oz. 50c.

KALE OR BORECOLE

CULTURAL DIRECTIONS. The Kales are much the hardiest of the Brassica family and will sometimes withstand the rigors of a New England winter. While the bulk of the varieties grown carry green foliage, the variegated section with leaves in a variety of colors is very attractive and excellent for garnishing purposes, the colors reach their greatest beauty after we have had a few frosts. The green curled varieties require several freezings to improve their flavor. They are especially good in Spring when they throw out quantities of side shoots. Sow seeds not earlier than May 15 and plant out in rows a yard apart allowing 2 feet between the plants. One ounce of seed will sow 150 feet of drill; 6 oz. to the acre.

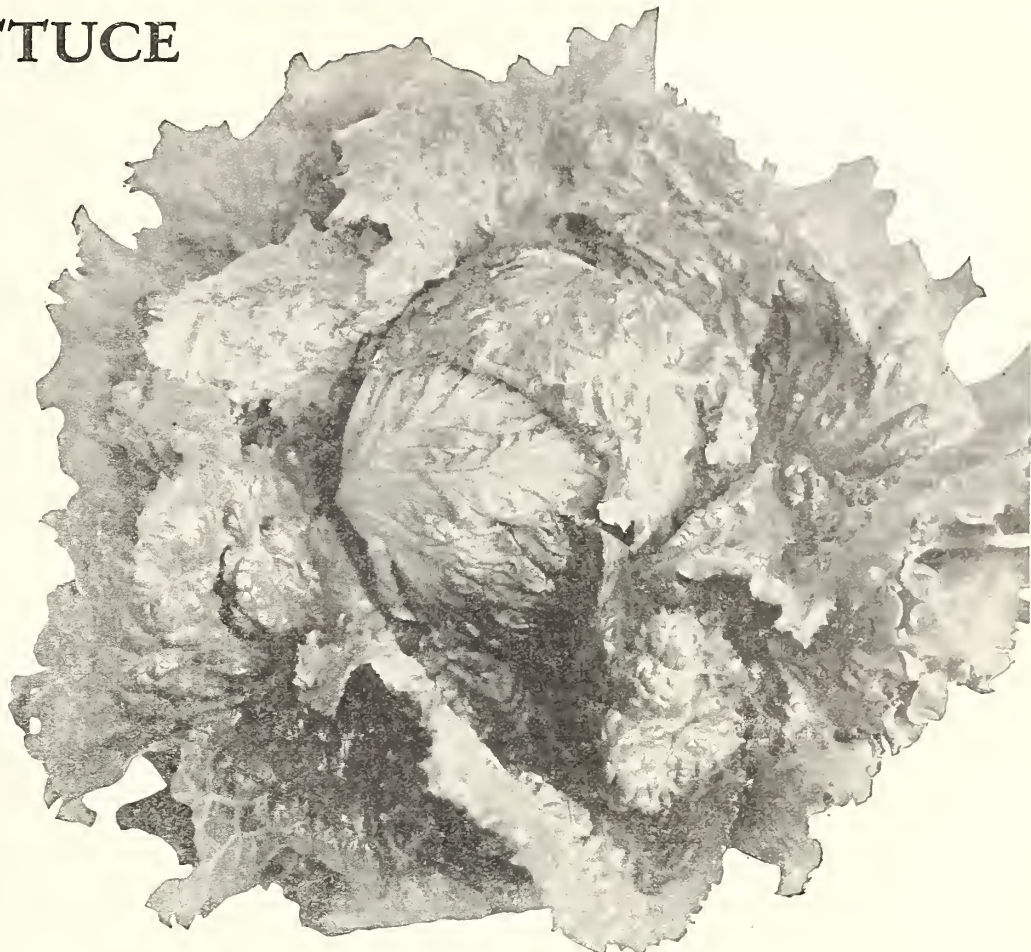
⊙ **DWARF GREEN CURLED SCOTCH.** Leaves bright green closely curled, very tender. Quality is improved if the plants are touched by frost before being used. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.

Siberian or Winter. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00.

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

LETTUCE

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; 3 lbs. to the acre.



Lettuce Breck's California Iceberg

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; $\frac{1}{4}$ lb. \$1.25.

⊛ **Hanson Improved.** Heads large and solid and a very reliable sort for midsummer plantings. Pkt. 10c; oz. 40c; $\frac{1}{4}$ 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. \$1.00.

Grand Rapids. A very attractive and excellent sort of bunching lettuce. Pkt. 10c; oz. 40c; $\frac{1}{4}$ 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. \$1.25.

⊛ **BRECK'S BLACK SEEDED TENNIS BALL OR SAL-AMANDER.** Ideal as an early sort, heads very solid, medium size, compact, leaves broad, dark green. Quality excellent. Pkt. 10c; oz. 50c; $\frac{1}{4}$ 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. \$1.00.



Lettuce Breck's Black Seeded Tennis Ball

STANDARD HEADING VARIETIES—Continued

- ☉ **California Cream Butter.** (Royal Summer Cabbage). Does well in this section. Outer leaves large, glossy, deep green, tinged slightly with brown. Heart rich golden yellow. Pkt. 10c; oz. 30c; ¼ lb. \$1.00.
- Crisp as Ice.** (Hartford Bronze head). Medium size cabbage butter-head type; leaves deep-green base with dark brown covering, giving the plants a bronze appearance. Quality excellent; crisp and tender. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.
- Mammoth Black Seeded Butter.** Very similar to Black Seeded Tennis Ball but heads twice as large. A main crop sort. Pkt. 10c; oz. 40c; ¼ lb. \$1.25.
- Mignonette.** A variety which forms small, compact heads; excellent for the home garden. Pkt. 10c; oz. 30c; ¼ lb. 75c.

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 in 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; ¼ 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; ¼ lb. \$1.00.
- Musselburgh or Carentan.** The famous Scotch sort, large hardy and distinct. Pkt. 10c; oz. 50c; ¼ lb. \$1.25.

EXHIBITION LEEK

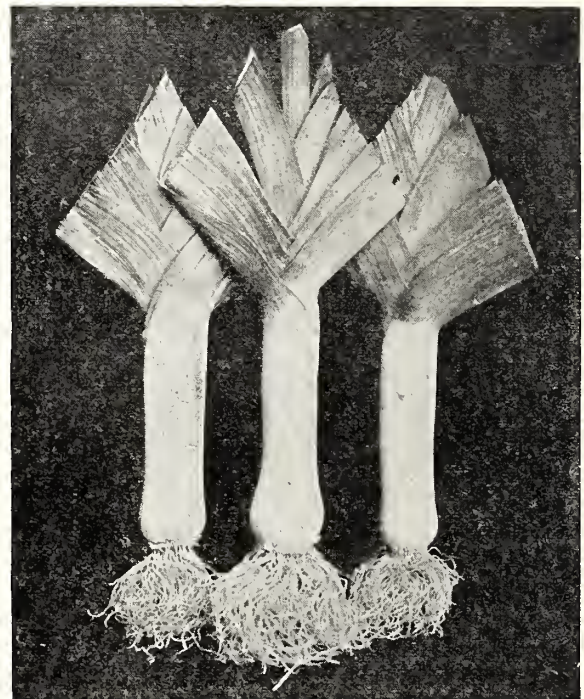
(Special importation from England)

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.

HERBS**Sweet, Pot, Medicinal**

CULTURAL DIRECTIONS. There is a rapidly increasing interest in all of the sweet smelling herbs in America today and Herb Gardens are becoming quite popular. As the great majority of these plants are of very easy culture there would seem to be no valid reason for their not being grown in a greater number of even very small gardens. We recommend to all Herb growers that they get the book *Culinary Herbs* by M. G. Kains, as culture varies considerably with different varieties.

	Pkt.	Oz.
Anise (<i>Pimpinella anisum</i>)	.10	\$0.60
Balm (<i>Melissa officinalis</i>)	.10	1.00
Basil, Sweet (<i>Ocimum basilicum</i>)	.10	.60
Borage (<i>Borago officinalis</i>)	.10	.40
Caraway (<i>Carum carui</i>)	.10	.20
Catnip (<i>Nepeta cataria</i>)	.10	2.00
Coriander (<i>Coriandrum sativum</i>)	.10	.40
Dill (<i>Anethum graveolens</i>)	.10	.50
Fennel (<i>Feniculum officinale</i>)	.10	.40
Hop Vine (<i>Humulus lupulus</i>)	.10	2.00
Horehound (<i>Marrubium vulgare</i>)	.10	.50
Hyssop (<i>Hyssopus officinalis</i>)	.10	.60
Lavender (<i>Lavendula vera</i>)	.10	1.00
Marjoram, Sweet (<i>Origanum majorana</i>)	.10	.80
Mint (<i>Mentha piperita</i>)	.25	2.00
Pennyroyal (<i>Hedeoma pulegioides</i>)	.10	1.00
Rosemary (<i>Rosmarinus officinalis</i>)	.10	2.00
Rue (<i>Ruta graveolens</i>)	.10	2.00
Saffron (<i>Carthamus tinctorius</i>)	.10	1.00
Sage (<i>Salvia officinalis</i>)	.10	.50
Savory Summer (<i>Satureia hortensis</i>)	.10	.30
Savory Winter (<i>Satureia montana</i>)	.10	.65
Sorrel Broad-leaved (<i>Rumex patientia</i>)	.10	.80
Tansy (<i>Tanacetum vulgare</i>)	.10	1.50
Thyme Broad-leaved (<i>Thymus vulgaris</i>)	.10	2.00
Wormwood (<i>Artemisia absinthium</i>)	.10	2.00



Leek Large American Flag

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 Growell 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

- ✦ **GOLDEN CHAMPLAIN.** 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. Pkt. 25c; oz. \$1.00; ¼ lb. \$3.50.
- ✦ **Breck's Improved Emerald Gem.** 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. Pkt. 10c; oz. 25c; ¼ lb. 75c; ½ lb. \$2.00.
- ✦ **Hale's Best.** 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. Pkt. 10c; oz. 25c; ¼ lb. 75c; ½ lb. \$2.00.
- ✦ **Bender's Surprise.** 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. Pkt. 10c; oz. 25c; ¼ lb. 75c; ½ lb. \$2.00.
- ✦ **Hackensack.** Large, productive and fine flavored, green flesh. Pkt. 10c; oz. 15c; ¼ lb. 40c; ½ lb. \$1.50.
- ✦ **Montreal Green Nutmeg.** Early, large size, excellent quality, flesh green. Pkt. 10c; oz. 30c; ¼ lb. 85c; ½ lb. \$1.75.
- ✦ **OKA.** 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. Per Pkt. 25c.

HOTCAPS

Make the growing of muskmelons easy. They permit earlier planting and give complete protection from high winds and cold rains. They guard against too much moisture which frequently causes a delayed and weakened growth.

Prices 25c per dozen, \$1.25 per 100; \$11.50 per 1000.

For full description see page 173.



Muskmelon Rockyford or Netted Gem

- ✦ **Honey Dew.** A large light-colored smooth skin melon, weighing 8 to 10 lbs. Thick flesh; color light green. Delicious honey-like flavor. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.
- ✦ **Miller's Cream (Osage).** A large, main season sort oval in shape. Flesh thick, salmon and of excellent quality. Pkt. 10c; oz. 25c; ¼ lb. 85c; ½ lb. \$1.75.
- ✦ **Rocky Ford, or Netted Gem.** Very popular, flesh light green; sweet and delicate flavor. Pkt. 10c; oz. 25c; ¼ lb. 75c; ½ lb. \$1.50.

MUSKMELONS FOR FORCING

- ✦ **Imported varieties, the most popular sorts for Greenhouse culture.** All 50 cents per packet.
- ✦ **Blenheim Orange.** Scarlet flesh, fine flavor, prolific, finely netted, thin rind.
- ✦ **Improved Barnet Hill.** A red flesh variety which has given very satisfactory crops; good flavor.
- ✦ **Invincible Scarlet.** Form globular, color orange-red when ripe, good flavor.
- ✦ **Royal Sovereign.** Slightly netted, color beautiful golden-yellow; flesh white, thick, firm; thin rind.
- ✦ **Sutton's A-1 Improved.** Flesh scarlet, medium size, delicious flavor.
- ✦ **Sutton's Improved Universal.** White flesh, highly recommended.

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.

- ✦ **Cole's Early.** Medium size, red flesh, green skin. Pkt. 10c; oz. 15c; ¼ lb. 50c.
- ✦ **Sweet Mountain.** One of the best for general culture. Pkt. 10c; oz. 15c; ¼ lb. 50c.
- ✦ **Hungarian Honey.** Very early, round shape, brilliant red flesh. Pkt. 10c; oz. 15c; ¼ lb. 50c.
- ✦ **Phinney's Early.** Standard sort for New England, bright red flesh, sweet and tender. Pkt. 10c; oz. 15c; ¼ lb. 50c.
- ✦ **Citron.** For preserving. Pkt. 10c; oz. 15c; ¼ lb. 50c.

MUSHROOM SPAWN

CULTURAL DIRECTIONS. Mushrooms may be successfully grown in quite a variety of situations including sheds, cellars, frames, below greenhouse benches and disused hay 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, for amateurs a supply of fresh horse manure 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 10 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 bed 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 $1\frac{1}{2}$ inches thick over the bed and firm it well. Over this spread a layer of straw, hay, or fine excelsior. While mushrooms will often not appear for 6 to 8 weeks in a well prepared bed, it is not unusual to find them showing within three weeks. There is no harm in allowing the mulch to remain on the bed and it will prove helpful if there is any drying heat where the bed or beds are located. In removing mushrooms from the bed do not cut them but twist them out by their stalks, pressing a little soil into the hole made. Cutting should be discouraged, as 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 a little in making the atmosphere better, but watering the beds, while necessary at



Mushrooms

times, is more or less of a necessary evil. Water of a temperature of 90 degrees should always be used. When a bed has become more or less exhausted spread a layer of fresh pasture loam over it one half an inch thick and after firmed, apply water of a temperature of 120 degrees, and cover with straw or hay to hold the heat and moisture in. This will often start the mushrooms into bearing again. An addition of one pound of nitrate of soda to 10 gallons of water will also act as a further stimulant. The whitest mushrooms are always produced in the dark.

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; $\frac{1}{4}$ 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 salading 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. 75c.

Brown or Black. More pungent in flavor than the white. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c.



Onion Sets Yellow Japanese

PURE CULTURE MUSHROOM SPAWN. DIRECT BRICKS, STANDARD AMERICAN. We can supply fresh Mushroom Spawn throughout the entire year. Per Brick 40c; 20 Bricks for \$6.50; 100 Bricks for \$30.00. Book "Mushroom Growing" by B. M. Dugger \$2.00.

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 $2\frac{1}{2}$ 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; $\frac{1}{4}$ lb. 25c.

Dwarf Green. Early and productive. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c.

White Velvet. Large, creamy white pods; very tender. Pkt. 10c; oz. 15c; $\frac{1}{4}$ 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 level 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 $\frac{1}{2}$ 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. \$1.50.

Prizetaker (Gibraltair or Denia). Bulbs globular, vary large, and of a light straw color. Very mild in flavor. Pkt. 25c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.50.

⊛ **AILS A 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; $\frac{1}{4}$ lb. \$3.50.

Extra Early Yellow. In shape and size half-way between the globe and flat onion; keeping qualities excellent. At least three weeks earlier than Yellow Globe. Pkt. 15c; oz. 60c; $\frac{1}{4}$ lb. \$2.00.

Early Yellow Cracker. Flat shape, early, and a good keeper. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

Southport Yellow Globe. Bulbs globular, medium large, thick-skinned, and excellent keepers. Pkt. 10c; oz. 50c; $\frac{1}{4}$ 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. \$1.50.

White Queen. A small sort used extensively as a pickling onion. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

White Italian Tripoli. Large white variety, mild. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

White Mammoth Garganus, or Silver King. Very large, flat and mild. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

White Portugal. Large, flat shape, mild flavor, not a good keeper. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

RED VARIETIES

⊛ **RED WETHERSFIELD.** Bulbs semi-flat, large, deep purplish red, solid and an excellent keeper. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

Southport Red Globe. An excellent elongated globe sort of red onion. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

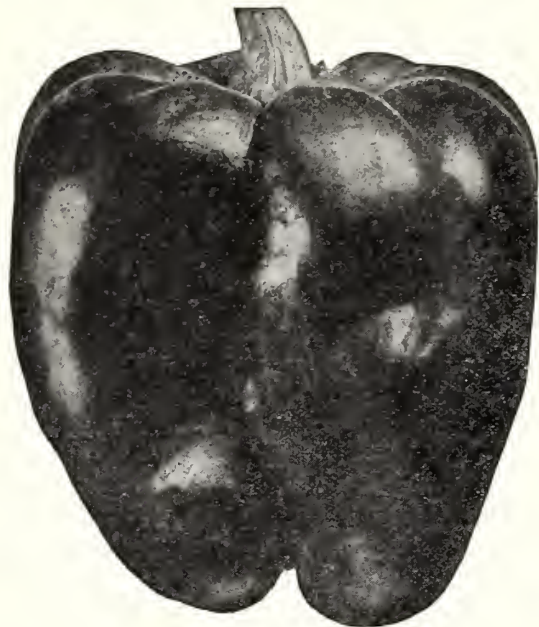
Red Italian Tripoli. Large size, flat shape, mild flavor. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.



Onion Ailsa Craig

On page 55 we list original stocks of desirable English-grown varieties especially recommended for exhibition. The most prized exhibition Onions in England.

PEPPERS



Pepper Chinese Giant

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 box over them. Roots may also be lifted and planted in a cold 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.

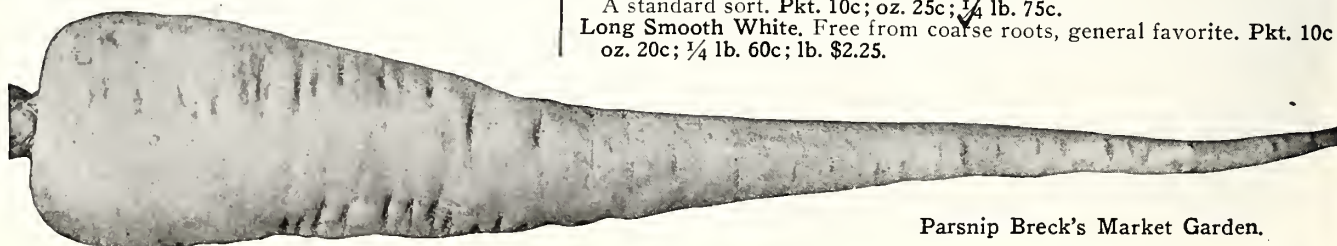
Champion Moss Curled. Leaves beautifully curled, extra fine for garnishing. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

⊛**BRECK'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 ground. Pkt. 25c; oz. 75c; $\frac{1}{4}$ lb. \$2.00.

Fern Leaved. Excellent in form and color. Pkt. 10c; oz. 25c; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. 75c.

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; $\frac{1}{4}$ lb. 75c.



Parsnip Breck's Market Garden.

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

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.

⊛**WORLDBEATER.** One of the outstanding large peppers. Excellent for the local grower or for shipment. Fruits 5 inches long, 3 inches wide and 4 lobed. Excellent quality and very mild and sweet. Pkt. 15c; oz. 85c.

Large Bell or Bull Nose. Fruit large, an early sweet variety. Pkt. 10c; oz. 50c.

⊛**Sunnybrook.** A very fine smooth tomato-shaped mild pepper. Flesh very thick. An excellent sort for the market gardener. Pkt. 25c; oz. \$1.00.

Neapolitan. Early, large, skin bright red, very mild flavor. Fruit 4 inches long and 4 to 5 around. Pkt. 10c; 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 stand a foot apart. It is customary to leave a portion of the parsnip crop outdoors and lift in Spring, as the freezing during Winter greatly improves the flavor of the roots. Those lifted for Winter use should be packed in sand or soil in a cool cellar. One ounce of seed will sow 100 feet of drill; 5 lbs. to one acre.

⊛**BRECK'S MARKET GARDEN.** For flavor, texture of flesh, form, smoothness and as a cropper, this variety is without an equal. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 75c.

Hollow Crown. Roots are smooth, medium long and broad shouldered. A standard sort. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Long Smooth White. Free from coarse roots, general favorite. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.

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 2½ inches, second sowings 3 inches and late ones 4 to 4½ 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 birch, 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 4½ 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.



Peas Hundredfold

INOCULATE ALL PEAS BEFORE PLANTING with STIMUGERM
Keep the soil well limed **USE POWDERED MAGNESIAN LIME**



Peas Laxtonian

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.

⊕ **LAXTON'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. \$2.40.

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. 1 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. 1 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. 1 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 2½ to 3 feet in height. 1 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. 1 lb. 40c; 2 lbs. 75c; 7 lbs. \$2.40.

GARDEN PEAS

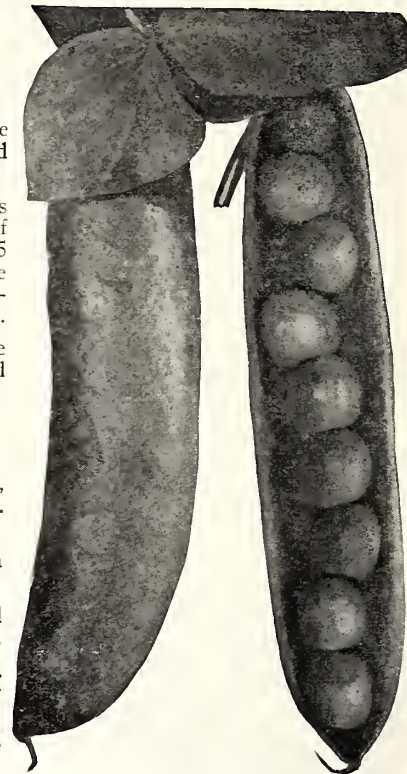
EARLY VARIETIES (SEMI-DWARF AND TALL)—Continued

- ✪ **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 $4\frac{1}{2}$ 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.
- Thomas Laxton.** This reliable pea is similar in type to Gradus, but has darker foliage and square-ended pods. Although a wrinkled sort of excellent quality it may be planted about as early as smooth varieties. 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 profuse 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 $2\frac{1}{2}$ 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**



Peas Alderman

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 $2\frac{1}{2}$ 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.

Breck's Old Glory Peas. Extra Early.	Dwarf Telephone. Midseason.
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.



Peas Breck's Improved Telephone

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.

Early Rose. Red skin, standard early variety. An old favorite in New England.



Irish Cobbler Certified Stock



Green Mountain Certified Stock

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.

Rural Russet. A selection of the well known Dibble's Russet. Has a strong vine, deep rooted. Plants resist blight and drought. Tubers excellent keepers, quality unsurpassed.

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 3½ 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, \$10.00; add 15c per 100 if wanted by parcel post.

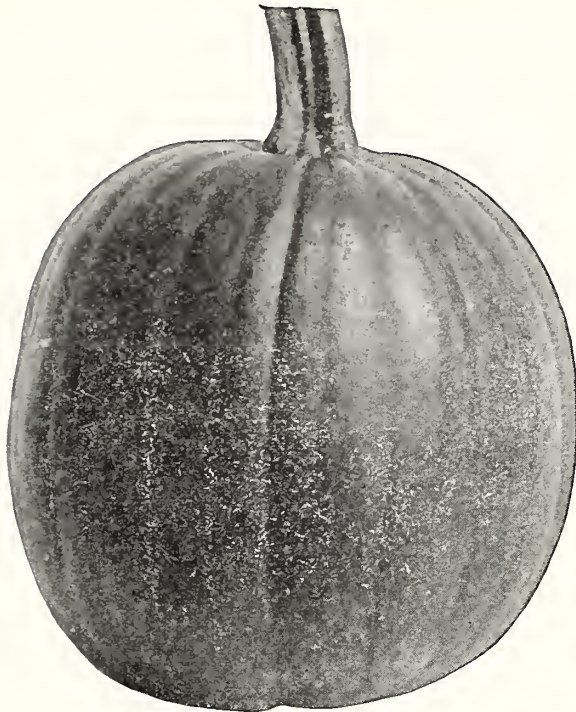
SEMESAN BEL

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.



Pumpkin Sweet Sugar

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 live stock 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.

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

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

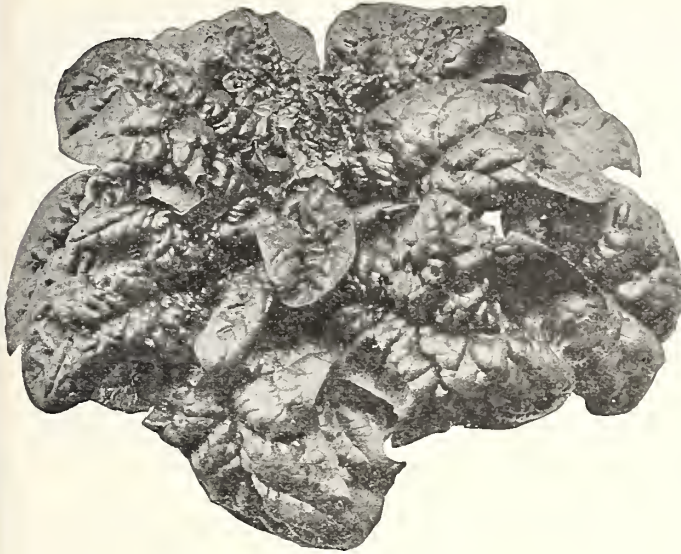
RADISH

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.
- ❖ **SAXA.** 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. \$2.00.
- ❖ **SCARLET GLOBE.** Excellent for forcing or for planting in the open. Roots large, globular in shape, a deep scarlet and very crisp and mild. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$1.75.
- ❖ **LONG 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.
- Early 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.



Radish Scarlet Globe



Spinach Bloomsdale Savoy.

NEW ZEALAND SPINACH

Tetragonia expansa

This plant is generally considered a Spinach but it is not botanically related to this family. The plants have a spreading growth with many side shoots and it is a true cut and come again vegetable. The leaves are small, very thick and tender when young. The plant is robust and extremely drought resistant and will grow on poor soils and produce an abundant crop of greens.

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; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

SCORZONERA (Black Salsify)

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

Scorzonera Hispanica. Pkt. 10c; oz. 50c.

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 roffea or soft twine.

Blonde. 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

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 50 feet of drill. 12 lbs. to one acre.

Bloomsdale Savoy. Early, hardy with large leaves curled and wrinkled and very dark green. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Giant Round, thick-leaved. Pkt. 10c; oz. 15c; $\frac{1}{4}$ 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; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Prickly, or Winter. Recommended for Autumn sowing. Pkt. 10c; oz. 15c; $\frac{1}{4}$ 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; $\frac{1}{4}$ lb. 75c; lb. \$1.50.

Victoria. Very dark leaves, fine for spring sowing, later than Long Standing. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Mustard Spinach see page 72

EVERGREEN

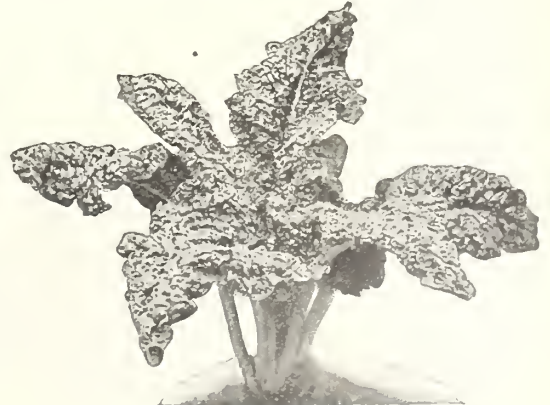
Kills plant insects and is harmless to man. A sure cure for the severest attacks from Aphis.

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 and are quite delicious. The roots are very hardy like parsnips and therefore may be left in the ground over winter. Seeds of salsify should be sown in drills 15 to 18 inches apart, covering seeds one inch and thinning seedlings to 6 inches apart. Light sandy ground will give the straightest, cleanest and best appearing roots. Fresh manure will make roots branch very badly and be more or less scabby. Use fertilizer rather than manure for this crop and sow seeds in early Spring for best results. One ounce of seed will sow 50 feet of drill; 10 lbs. to the acre.

Breck's Improved Long White. Roots of medium size, white and smooth. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.



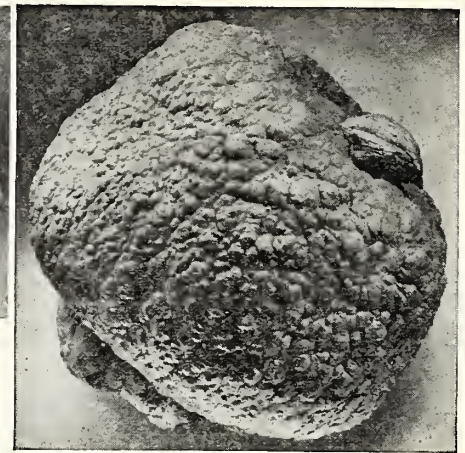
Swiss Chard Lucullus



Warren Turban



Blue Hubbard



Orange Marrow

SQUASH

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 bills; 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; ¼ lb. \$1.50.
- ★ **Giant Summer Crookneck.** Early, productive, with large fruits of a deep orange color. Pkt. 10c; oz. 25c; ¼ 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; ¼ lb. 75c; lb. \$2.00.
- ★ **Mammoth White Bush.** The best for early use. Pkt. 10c; oz. 25c; ¼ lb. 75c.
- ★ **Yellow Bush Scallop.** A summer sort. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00.
- ★ **Boston Greek.** Summer variety, color dark gray-green, shape oblong. Pkt. 10c; oz. 75c; ¼ lb. \$2.50.

Cocozella 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; ¼ lb. 75c.



Giant Summer Crookneck



Des Moines

- ★ **Cocozella.** (The Italian Vegetable Marrow). Bush habit. Squash about 20 inches long. Skin smooth, flesh green. Color marbled light and dark green. Fruits are in best condition for the table when six to eight inches long. Pkt. 10c; oz. 25c; ¼ lb. 75c.
- ★ **Vegetable Marrow.** A favorite English sort, distinct, flesh white. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00.

WINTER VARIETIES

- ★ **Bay State.** Style of Essex Hybrid, color blue, good for Autumn and Winter. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. \$3.00.
- ★ **Boston Marrow.** Follows the summer sorts in season, a good autumn and winter sort. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.50.
- ★ **Delicious.** A medium-sized, autumn and winter squash with thick fine-grained yellow flesh. Skin usually uniform dark green, but occasionally lighter and somewhat mottled. Many people consider it superior to the Hubbard in dryness, sweetness, and flavor. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.
- ★ **Early Prolific or Orange Marrow.** Early, distinct, suitable for Autumn or Winter use, fine quality. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00.
- ★ **DES MOINES OR TABLE QUEEN.** The vines are vigorous; squashes small, acorn shaped; color dark green, almost black; size about 6 inches long and 4 inches in diameter; prolific. Quality excellent. Pkt. 10c; oz. 25c; ¼ lb. 75c.
- ★ **Hubbard.** D deservedly the most popular variety of winter squash in all parts of this country. Its orange-yellow flesh is always rich in flavor, sweet and dry. Vines strong and productive. The dark green oblong squashes of our superior strain often weigh from 10 to 25 pounds each. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.
- ★ **HUBBARD, BLUE.** Hard shell, thick meat. Dry and fine quality, favorite winter sort for Boston Market. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50.
- ★ **Hubbard, Golden or Red.** Wonderful keeper. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.
- ★ **Hubbard, Mammoth Warded.** Large, warded, keeps well, fine quality. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.
- ★ **Marblehead.** Light blue, very productive and a fine keeper; oblong in shape. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.
- ★ **WARREN TURBAN.** Hard shell, dry meat, color orange. Pkt. 10c; oz. 40c; ¼ lb. \$1.50; lb. \$4.00.

BLACK LEAF "40"

Will Control the Squash Vine Borer

W. D. Whitcomb, Assistant Research Professor of Entomology, Massachusetts Agricultural College, Market Garden Field Station, Waltham, Mass., recommends the use of Black Leaf "40" diluted one part Black Leaf to 250 parts water, applied as a fine spray at weekly intervals during the month of July, spraying so as to hit and kill the eggs.

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 5 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. \$4.00.

☛ **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; ¼ lb. \$1.50.

Sunrise. An immense cropper, good form and size; a smooth, solid, bright red variety; recommended for forcing. Pkt. 15c; oz. 60c; ¼ lb. \$2.00.

Chalk's Early Jewel. Extra early, bright red, fine flavor and very productive. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

Comet. Splendid for forcing, very prolific. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

Dwarf Champion. Dwarf and strong habit of growth, very solid and of extra quality. Pkt. 10c; oz. 30c; ¼ lb. \$1.00.

Dwarf Stone. The largest dwarf sort. Fruit bright scarlet. Pkt. 10c; oz. 40c; ¼ lb. \$1.25.

Earliana. Earliest and best bright red tomato; smooth and firm. Pkt. 10c; oz. 40c; ¼ 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; ¼ lb. \$2.00.

Golden Queen. Good size and quality, bright yellow color. Pkt. 10c; oz. 40c; ¼ 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; ¼ lb. \$1.75.

Ponderosa. Large solid purple fruit. Few seeds; one of the best late sorts for the home garden. Pkt. 10c; oz. 40c; ¼ 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; ¼ 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; ¼ lb. \$1.25.

SMALL FRUITING VARIETIES

☛ **Pear Shaped, Red.** Solid, handsome fruit, good preserving variety. Pkt. 10c; oz. 40c; ¼ lb. \$1.25.

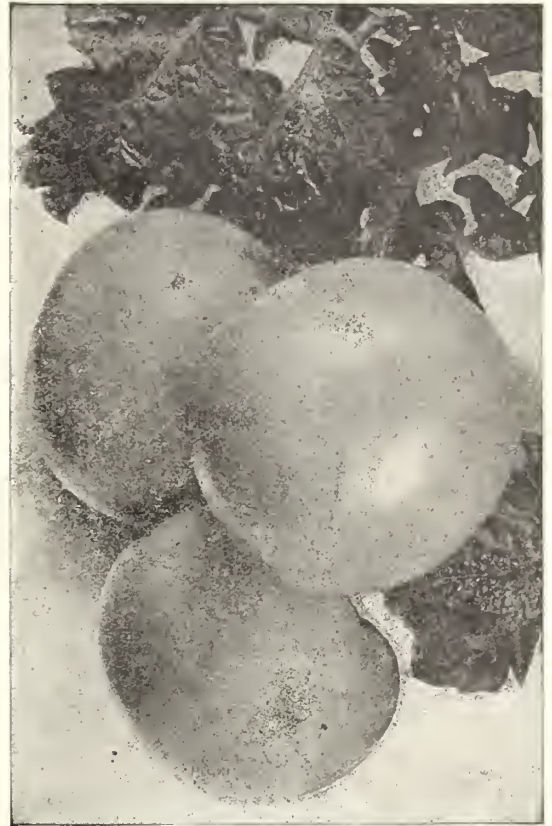
Plum Shaped, Yellow. Used for salads and pickling. Pkt. 10c; oz. 40c; ¼ lb. \$1.25.

Red Cherry. A small early variety, used for pickling. Pkt. 10c; oz. 40c; ¼ lb. \$1.25.

Red Currant. Very small, used in preserves. Pkt. 10c; oz. 40c; ¼ 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; ¼ lb. \$1.25.

Yellow Cherry. Same as Red Cherry except for color. Pkt. 10c; oz. 30c; ¼ lb. \$1.00.



Tomato Early Avon

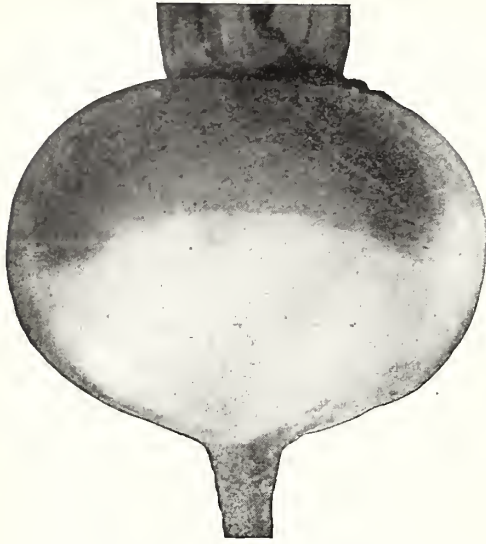
MARGLOBE

Scarlet fruited, wilt resistant. First introduced by U. S. Department of Agriculture. Fruit medium size, deep from stem to blossom, solid and smooth. Set in clusters of 5-7 fruits. Supposed to be a cross between Marvel and Globe. Pkg. 10c; oz. 40c; ¼ lb. \$1.50.



Tomato Comet

TURNIP



Turnip Purple-Top White Globe

Purple-Top Milan. Earliest of the flat Red-Tops; small strapped leaves; white, tender flesh. Pkt. 10c; oz. 25c; ¼ lb. 75c; ½ lb. \$2.50.

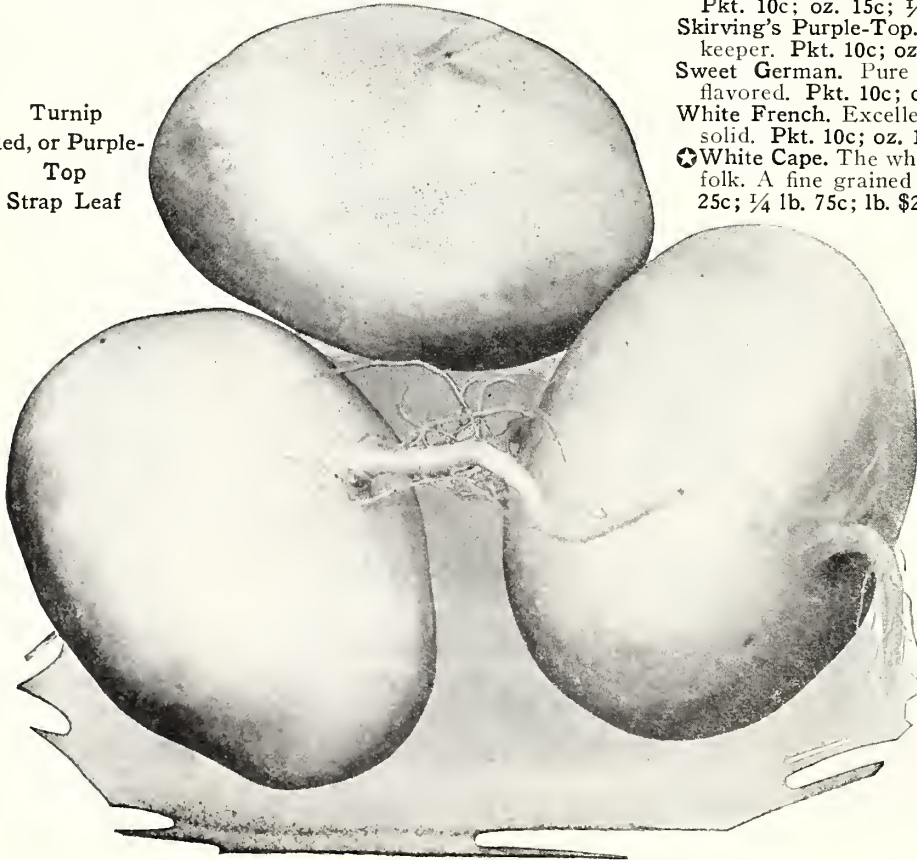
Purple-Top White Globe. Round, handsome, of superior quality. Pkt. 10c; oz. 15c; ¼ lb. 40c; ½ lb. \$1.00.

⊕ **Red, or Purple-Top Strap Leaf.** The best of the flat turnips. Pkt. 10c; oz. 15c; ¼ lb. 30c; ½ lb. 85c.

Seven Top. Cultivated for the tops only. Cut for salads and green also for stock feed. Pkt. 10c; oz. 15c; ¼ lb. 35c; ½ lb. \$1.00.

White Egg. A handsome egg-shaped white variety, grows large. Pkt. 10c; oz. 15c; ¼ lb. 30c; ½ lb. \$1.00.

Turnip
Red, or Purple-
Top
Strap Leaf



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; ½ 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; ½ 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; ½ lb. 75c.

White Top Milan. The earliest of all turnips, very mild flavor. Pkt. 10c; oz. 25c; ¼ lb. 75c; ½ lb. \$2.50.

Yellow Aberdeen. Very hardy and productive; good for stock and table; keeps well. Pkt. 10c; oz. 20c; ¼ lb. 50c; ½ lb. \$1.25.

RUTA BAGA or SWEDISH TURNIP

Budlong Swede. Choice strain, white. Pkt. 10c; oz. 15c; ¼ lb. 50c; ½ lb. \$1.25.

⊕ **IMPROVED AMERICAN.** Flesh yellow, solid, sweet, and fine flavor. Pkt. 10c; oz. 15c; ¼ lb. 40c; ½ lb. \$1.00.

St. Andrews'. A yellow fleshed variety of excellent quality. Pkt. 10c; oz. 15c; ¼ lb. 40c; ½ lb. \$1.00.

Skirving's Purple-Top. Large, yellow, firm flesh, sweet, good keeper. Pkt. 10c; oz. 15c; ¼ lb. 40c; ½ lb. \$1.00.

Sweet German. Pure white, very solid, sweet, mild, well flavored. Pkt. 10c; oz. 15c; ¼ lb. 40c; ½ lb. \$1.00.

White French. Excellent for table or stock. Firm, white and solid. Pkt. 10c; oz. 15c; ¼ lb. 40c; ½ 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; ½ lb. \$2.50.

TOBACCO

CULTURAL DIRECTIONS. Seeds should be sown early in the Spring in frames or seed bed. 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 good seed of strong germination will usually produce enough plants in seed bed 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

Washington. Selected Native Grown; 2 year old 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 Stone Mason
Henderson's Summer Fottler's Brunswick

For Winter Crop, ready July

Per 100, \$1.00; per 1,000, \$7.50.

Savoy American Improved Stone 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.

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 re-cleaned seed used. Pkt. 20c; doz. \$2.00.

Breck's Mixed Parrot Food. Lb. 20c; 100 lbs. \$15.00.

Canary Seed. Choice Re-cleaned. Lb. 15c; 100 lbs. \$12.00.

Hemp Seed. Re-cleaned 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. 35c; 100 lbs. \$30.00.

Rice Unhulled or Paddy. Lb. 18c; 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.

McAllister's Mocking Bird Food. Per bottle 35c; doz. \$3.50.

Niger Seed or Black Thistle. Lb. 40c; 100 lbs. \$35.00.

Shepherd's Song Restorer. In bottles. Each 30c; doz. \$3.00.

Hub Brand Bird Gravel. Pkt. 15c; bu. \$2.50.

Cuttle Fish Bone. Lb. 50c; five lb. lots 45c per lb.

Striped Sunflower Seed. Re-cleaned. Lb. 15c; 100 lbs. \$12.00.

Kaffir Corn for Pigeons. Lb. 5c; 100 lbs. \$4.00.

Flax. Re-cleaned whole seed. Lb. 15c; 100 lbs. \$12.00.

Vetch for Pigeons. Re-cleaned. Lb. 8c; 100 lbs. \$7.00.

Peas. Small white for Pigeon feed. Lb. 10c; 100 lbs. \$8.00.

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

Each 50c; per dozen \$5.00.

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 Stone Chalk's Early Jewel
Dwarf Champion Stone Bonny Best



PROTECT YOUR PLANTS FROM CUTWORMS

USE SNAROL—IT KILLS

1 lb. 45c; 3 lbs. 95c; 15 lbs. \$3.50

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; 25-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.



A "Breck's Seashore Mixture" Lawn

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.

BRECK'S BOSTON PARK LAWN GRASS SEED

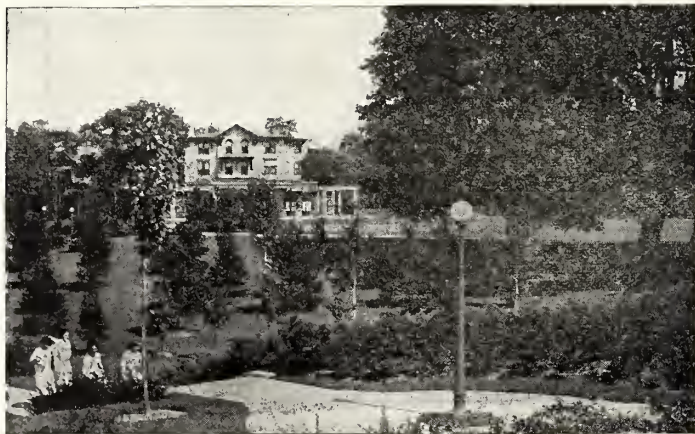
For over one hundred years, four generations of Brecks have supplied this Superb Mixture to four generations of exacting lawn builders. Boston Park Lawn Seed is the finest mixture of pure grass seeds that money can buy. The average lawn grass mixture weighs 20 lbs. to the bushel. Boston Park Lawn Grass 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 SHADY SPOT LAWN GRASS SEED

Not all grasses are grown successfully in shade or partial shade. We have, therefore, prepared a mixture of reclaimed pasture grasses which are naturally adapted to growing in partial or deep shade. These grasses are somewhat slower in becoming established than the grasses in our Boston Park Lawn Mixture. We recommend a heavy sowing of seed, with a very light covering, and it is well to sow the seed early in the Spring, if possible before the ground is shaded by the leaves to any great extent. Our Shady Spot Mixture does not contain Clover seed of any kind. The grasses in the mixture will do best on slightly acid soil. Per qt. canister, 50c; per one-half peck, \$1.75; per peck, \$3.25; per bushel, \$12.00. Weight 20 lbs. per bushel, carriage extra.



A "Shady Spot" Lawn

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.



A "Bank and Terrace Mixture" Lawn

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 prefer 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.

\$2.00 per lb.; \$150.00 per 100 lbs.

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 sifted 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 only of annual or biennial duration must be either very thin or foul at the end of the period for which it was laid down—the spaces vacated by the annual and biennial grasses being in

all likelihood occupied by objectionable weeds; 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."

Variety	1 or 2 years' Mowing			2 or 3 years' Mowing or Grazing			4 years' Mowing or Grazing			Permanent Mowing with occasional Grazing		
	No. 5 Light Soils	No. 6 Medium Soils	No. 7 Heavy Soils	No. 8 Light Soils	No. 9 Medium Soils	No. 10 Heavy Soils	No. 11 Light Soils	No. 12 Medium Soils	No. 13 Heavy Soils	No. 14 Light Soils	No. 15 Medium Soils	No. 16 Heavy Soils
Italian Rye Grass	Lbs. 6	Lbs. 6	Lbs. 4	Lbs. 4	Lbs. 4	Lbs. 4	Lbs. 3	Lbs. 3	Lbs. 3	Lbs. 3	Lbs. 3	Lbs. 3
Perennial Rye Grass	4	4	6	5	5	6	5	6	7	6	6	7
Orchard Grass	4	3	5	6	5	5	8	6	6	9	7	7
Meadow Foxtail	—	—	3	1	1	2	2	3	3	2	3	3
Hard Fescue	—	—	—	—	—	—	2	1	1	2	2	2
Blue Grass	—	—	—	—	—	—	—	—	—	2	3	3
Red Top	2	2	—	2	2	3	3	4	4	3	3	3
Wood Meadow	—	—	3	—	—	—	—	—	—	1	1	1
Rough Stalked Meadow	—	—	—	—	—	—	1	2	3	1	2	2
Meadow Fescue	1½	1½	—	1½	2	2	2	3	4	2	4	4
Sweet Vernal	½	½	2	½	½	½	1	1	1	1	1	1
Timothy	7	9	½	7	9	9	3	4	4	2	3	3
Red Clover	7	8	9	4	5	5	—	—	—	—	—	—
Perennial Red Clover	—	—	8	—	—	—	4	5	5	2	2	3
A sike Clover	1	1	1½	2	2	2	2	1	1	2	1	1
White Clover	—	—	—	2	1½	1½	2	2	2	2	2	2
	33	35	38	35	37	40	38	41	44	40	43	45
Price per acre, F. O. B. Boston (bags extra at value.)	8.85	8.65	11.85	9.15	9.45	10.30	11.60	12.45	14.40	12.85	13.90	14.50

BRECK'S AGRICULTURAL GRASSES

Subject to frequent market changes, net f. o. b. Boston, bags extra. The following list of Agricultural Grasses includes the varieties used most extensively in Permanent pasture and other grass mixtures.

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, enduring turf that is positively improved by constant tramping. Being of fine texture, it is one of the most valuable of our lawn grasses. **Lb. \$2.00; per 100 lbs. \$150.00.**
For complete list of Bent Grasses see Page 85.

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

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

Kentucky Blue Grass, Meadow Grass, June Grass, Spear Grass (*Poa pratensis*). Root-creeping; perennial; flowers in June. This valuable grass is very common in the soils of America, although some claim that its creeping root impoverishes the soil. It is a fact, however, that it grows very luxuriantly producing the most nourishing food for cattle until late in the season in the North; in the South abundant herbage is furnished throughout the entire Winter. It is a very valuable species in lawn mixtures. As Kentucky Blue Grass requires two or three years to become well set, and does not arrive at perfection as a pasture grass until the sward is at least four years old, it is not suited for alternate husbandry, where the land is to remain in grass only two or three years. **Lb. 55c; per 100 lbs. \$48.00.**

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 pasturage when fed close. It is valuable for all wet soils, producing a large return in good hay. Red Top is often sown with Timothy and common Red Clover, in which case the clover soon disappears, followed by the Timothy, the Red Top usually taking their places, and with some wild indigenous grass forming a close sward. When sown alone, 4 bushels of unhulled, or 20 pounds of the clean seed per acre are required. Weight, unhulled, 10 lbs. per bushel; fancy or clean, 40 lbs. per bushel. **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 prefer those which 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.**

Rough Stalked Meadow Grass (*Poa trivialis*). Root fibrous; perennial. This grass is valuable on account of its quick growth, productiveness and nutritive qualities. Grows to

perfection on moist, rich soils, and is also well adapted to ground shaded by trees. Grows early in the Spring, and continues green until late in the Autumn. As it delights in shelter, its product is always much greater when sown with other grasses. Does not thrive well on dry soils. Weight, 14 lbs. per bushel. **Lb. 65c; per 100 lbs. \$60.00.**

Perennial Rye (*Lolium perenne*). Pacey's short seeded. A very valuable grass; arrives early at maturity and produces a good supply of herbage, of which cattle are very fond. It grows freely on almost any soil, and shows a very early Spring growth. Although a perennial grass, the root will not live over three or four years, and unless the plant is allowed to reproduce from self-shown seed it will die out in about that time. This is an objection to its extensive use for permanent pastures, but for hay crops it may be introduced to good advantage along with other grasses and clovers. **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, and should always form a fair proportion of the mixtures for that purpose, because of its extremely rapid growth and great nutritive qualities. Thrives best on rich, strong soil. As the Meadow Foxtail shoots up its flowering stalk much earlier than Timothy, it can be easily distinguished from the latter, which, at first sight, it greatly resembles. The nutritive qualities of Meadow Foxtail are most abundant at time of flowering. Weight, 8 lbs. per bushel. **Lb. 50c; per 100 lbs. \$40.00.**

Crested Dog's Tail (*Cynosurus cristatus*). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. For parks this grass is well suited, because of its fine, close growth, and pleasant green color. Weight, 28 lbs. per bushel. **Lb. 50c; per 100 lbs. \$45.00.**

Yellow Oat Grass (*Avena flavescens*). This deserves to form a portion of all mixtures for permanent purposes, and is well suited for lawns, croquet and golf greens. It thrives on light, dry soils. Weight, 11 lbs. per bushel. **Lb. \$2.00; per 100 lbs. \$150.00.**

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

Meadow Fescue, or English Blue Grass (*Festuca pratensis*). Root-creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted to permanent pastures, and is also sometimes used for alternate husbandry. It grows rapidly in rich and rather moist soils, and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always mixed with other grasses. Weight, 15 lbs. per bushel. **Lb. 20c; per 100 lbs. \$18.00.**

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 tenuifoliis*). 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. \$95.00.**

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 Leaming 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 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 Leaming. A Yellow Dent variety very valuable for ensilage. The plants are tall with a large amount of foliage. Each stalk usually produces two good long ears with small red cobs, well filled with large, deep, golden kernels. **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 soiling 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.**



Field Corn

ALFALFA

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. Quart, 15c; pk. 85c; bu. \$2.50.

BUCKWHEAT

Silver Hulled. Bu., \$3.00.

Japanese. Enormously productive. 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 sandy soil a light yield may be expected. In any case, it should be well drained.

The ground should be prepared as for corn and the seed not planted till soil becomes warm. It can be planted in this latitude from about May first to July first. Sown broadcast use sixteen to twenty-four pounds of seed per acre. If planted in drills 18 to 24 inches apart, from four to six pounds per acre will be sufficient. **Lb. 15c; per 100 lbs. \$12.00.**

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.**

Mammoth Pea Vine (Trifolium pratense magnum). Of ranker growth than Medium Red and usually lasts longer; excellent for plowing under to improve exhausted soils. Weight 60 lbs. per bushel. **Lb. 45c; per 100 lbs. \$40.00.**

Alsike, or Swedish (Trifolium hybridum). The hardest 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.**

Bokhara (Melilotus alba) (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 soiling crops, often yielding over three tons per acre. No other Millet adapts itself so readily to various conditions of soil and moisture. Broadcast at the rate of one bushel per acre. Weight 48 pounds per bushel. **Lb. 15c; per 100 lbs. \$12.00.**

Japanese Millet, Japanese Barnyard Grass (Panicum Crus Galli). Distinct from other varieties. An enormous cropper growing over 6 feet in height; excellent either green or as cured hay. Broadcast at the rate of 25 pounds per acre; 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 Miliaceum 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 its best development requires a loamy soil, moist and rich; ground that has produced good crops of corn, turnips, and cabbage will be found very suitable for Rape. Plant seed in New England from May 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.**

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 milch 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 ½ bushel Vetch and 2 bushels Grain, Barley, or Oats per acre. Can also be sown alone at the rate of about 80 lbs. per acre as cover crop for orchard. Weight per bushel, 60 lbs. **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 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.**

BRECK'S GLADIOLUS

LARGE FLOWERED VARIETIES

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 1¼ 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 Semesan. 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 florets 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-soft 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.



Jenny Lind

- 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 Koynenburg.** 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.

- 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. Blotched 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. \$7.50; per 100, \$60.00.
- 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.
- Marmorata.** 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.



Longfellow



Mrs. Dr. Norton

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. \$5.00; per 100, \$37.50.

Osalin. A lovely coral-pink with soft orange markings in the throat. Each 20c; doz. \$2.00; per 100, \$15.00.

Paul Pfitzer. 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 blotched red on lower petals. Each 50c; doz. \$5.00; per 100, \$37.50.

Pink Lily. A magnificently 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 corinthian red fading to ashes of roses. Each 15c; doz. \$1.50; per 100, \$10.00.

Saraband. Unusual color, rich velvety Bordeaux with yellow blotch. Each 30c; doz. \$3.00; per 100, \$20.00.

Scarlano. 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.

The 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.



Sidney Plummer

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 pallid 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.



Gladiolus Primulinus

- Shell Pink.** Very large flowers of beautiful shell-pink, almost self-color. Each 20c; doz. \$1.75; per 100, \$12.00.
- Souvenir.** Deep clear yellow, finest of its shade in this type. Each 10c; doz. \$1.00; per 100, \$7.50.
- The Orchid.** Lavender-pink upon a pale flushed frosted surface. Edges beautifully lacinated and ruffled. Each 30c; doz. \$2.00; per 100, \$15.00.
- White Butterfly.** A fine pure white variety of decided butterfly form. Each 30c; doz. \$2.00; per 100, \$15.00.

BRECK'S MIXTURES AND COLLECTIONS

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.
Per dozen, \$1.50; per 100, \$10.00.

EXHIBITION MIXTURE

Made up by us from popular varieties.
Per dozen, 85c; per 100, \$6.00.

GARDEN MIXTURE

A well-balanced mixture. For brilliant garden display or cutting. Per dozen, 50c; per 100, \$3.50.

BRECK'S MIXTURES OF SEPARATE COLORS

	Doz.	Per 100
Blue and Lavender shades	\$1.50	\$10.00
Pink and Rose shades .....	.85	6.00
Scarlet and Red shades .....	.85	6.00
Striped and Variegated shades .....	.85	6.00
White and Light shades .....	.85	6.00
Yellow and Orange shades	1.50	10.00

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.

FLOWERING BULBS AND ROOTS



Montbretia



Double Tuberose



Tigridia

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.

Dieppi. Pure White. **Shamrock.** Pink.
Lasandria. Rosy Crimson. **Mixed Colors.**

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 flowered 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, \$6.00.
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.
Crocsmiaeflora. Scarlet and yellow. Doz. 65c; per 100, \$5.00.
Etiole de Feu (Star of Fire). Bright vermilion, center yellow, outside bloodred. 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. Vermilion-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

Delivery—March to May

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.

Star of the East

His Majesty

*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.

LILIAM 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.

LILIAM SPECIOSUM ALBUM. A lovely, pure white form of *L. speciosum*. Bulbs, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

LILIAM 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	} Post-paid
Three each of above 3 Superb Hardy Lilies . . .	5.00	
Six each of above 3 Superb Hardy Lilies	9.50	

HARDY LILIES

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.

BATEMANIAE. 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.

BROWN. 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-

livery have been potted and are started into growth. Each 50c; doz. \$5.00.

DAVURICUM. A very hardy and satisfactory variety succeeding in almost any location and producing, on plants 2 to 3 feet high, from 3 to 5 blooms of bright orange-red spotted with purplish-black and slightly tinged with yellow. Bulbs. Each 50c; doz. \$5.00; per 100, \$40.00.

ELEGANS VARIETIES MIXED. (Thunbergianum). There are innumerable varieties of this species of Lily varying in color from pale to deep yellow, orange, and orange-scarlet and from bright scarlet to the deepest crimson; many varieties more or less spotted. They form plants usually from 1 to 1½ feet high which produce, during June and early July, from 1 to 4 flowers, borne upright. We offer these varieties in mixture only. Bulbs. Each 35c; doz. \$3.50; per 100, \$25.00.

HANSONI. A rather rare Japanese Lily producing a plant 3 to 4 feet in height on which, in June are borne from 3 to 10 waxy, thick petaled, slightly fragrant blooms of bright golden yellow, dotted with brownish spots, and with reddish anthers. It is of robust habit, easily grown and when established becomes a permanent fixture in the garden. Bulbs. Each \$1.00; doz. \$10.00.



Lilium Auratum



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.

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.

PHILADELPHICUM. (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 Kramerii, 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.

SUPERBUM. (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.



Lilium Speciosum Rubrum

BRECK'S DAHLIAS

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 profusion 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 incurved 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, the reverse is delicate old rose. A clean healthy grower, blossoms early and continuously. Each \$2.00.

Bashful 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 blooms 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.

✪ **Jane Cowl.** A massive deep decorative with petals curled and twisted. Color a glistening bronzy buff and old gold blending to a deeper shade toward the center of flower; reverse of petals a pale flesh color, giving the flower, as a whole, a warm glow. A stem of unusual strength holds this giant decorative erect over a plant of ideal growth; foliage thick and leathery; insect-resisting. Each \$1.00.

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



Cactus Type



Ball Shaped Type



Paeony Flowered Type

⊕ **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 bronzy 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.

Mina Burgle. A glowing brilliant scarlet. Each 25c.

Minnie McCullough. Gold and red of autumn. Each 35c.

⊕ **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 beautiful luminous shade of salmon pink. Flowers of large size, fine form and substance. Each 75c.

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 picric 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 California. Rich crimson. Each 50c.

⊕ **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.

Private Byron L. Streeter. Very deep purple grown on long stiff stems. Each \$1.00.

Queen Mary. Clear silvery cerise pink. Each 35c.

Radio. Blood-red and gold. Each \$1.00.

⊕ **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.

Souvenir de Gustave Doazon. Hugh blooms, remarkably free flowering. Each 35c.

⊕ **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.

- Chocolate 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.
- Countess of Lonsdale.** Deep salmon-red. 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.
- Elsa Bonnell.** Rich deep velvet carmine. Each 50c.
- F. W. Fellows.** In color it is an intense coral-red with deeper suffusion at the center. Each 75c.
- ✪ **George Walters.** A free and early bloomer with an occasional open center. Color, coppery old gold with buff rose reverse. Each \$1.00.
- Gladys Bates.** The color is tan with the reverse of the petals rose colored. Each \$1.00.
- J. H. Jackson.** Finest dark crimson maroon. Each 25c.
- Kalif.** Huge flowers, sometimes measuring nine inches across, of perfect form. Color a pure scarlet. Each 50c.
- Lady Helen.** A large hybrid cactus beautiful cerise with markings of cream. Each \$1.00.
- Lawine.** White, lightly suffused pink. A strong vigorous grower, early and profuse bloomer. Each 35c.
- Libelle.** Not large but perfect in form and habit. A clear, deep rose-purple. Each 25c.
- Margaret Bouchon.** Deep lavender-pink tipped white. A strong grower with a graceful appearance. Each 75c.
- Margaret E. Millis.** A very conspicuous and attractive flower of an orchid-pink shade, petals inclined to twist. Each 50c.
- Mary Dorr.** Deep amaranth pink, with white tips and center. The flowers are large, with long narrow, pointed, incurved petals. Each 75c.
- Mme. Henri Cayeux.** Clear pink, tinted to white at the tips. Long slender petals. A strong grower and extremely profuse bloomer. Each 50c.
- 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.
- W. B. Childs.** Dark purplish maroon. Each 25c.

PÆONY FLOWERED

- Semi-double flowers, with open center, the inner floral rays being usually curled or twisted, the other or outer petals being either flat or more or less irregular.
- Helen Keller.** A fine pink paeony dahlia. Each 75c.
- Latona.** A very exquisite variety. Flowers very freely. An unusual blending of orange, buff and yellow. Each 50c.
- Mrs. Bowen Tufts.** Rosy-purple, free-flowering. Each 25c.

- Priscilla Agnew.** The most beautiful of all White Pæony 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 25c.
- 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.
- Stradella.** Beautiful deep purple-crimson. Exceptionally free flowering. Stems long and wiry. Each 25c.
- 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.



Papillon

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 center pieces 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: 2½ 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.

CHAMÆCYPARIS 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; 2 to 3 ft. \$4.00; 3 to 4 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. \$3.00; 2 to 2½ ft. \$3.50; 2½ 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). **Ms.** Slender string-like bright green foliage, drooping in long filaments. Price each: 18 to 24 in. \$4.00; 2 to 2½ ft. \$5.00; 2½ to 3 ft. \$6.00; 3 to 3½ ft. \$7.50; 3½ to 4 ft. \$9.00.
- C. p. filifera aurea** (Golden Thread Retinospora). **Ss.** A beautiful golden form of the preceding. Very compact. Price each: 15 in. \$4.00; 18 in. spread, \$5.00; 24 in. spread, \$7.50.
- 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.



Chamaecyparis plumosa

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.



Juniperus Chin. var. Pfitzeriana

JUNIPER

- 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, \$27.00 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 Douglasi** (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. \$3.50; 18 to 24 in. \$4.50.
- 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, leathery 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.

- J. Virginiana** (Red Cedar). Mm. Tapering form, bright rich green foliage. Useful for ornamental planting. Price each: 18 to 24 in. \$2.00; 2 to 3 ft. \$3.50; 3 to 4 ft. \$4.50; 4 to 5 ft. \$6.50; 5 to 6 ft. \$9.00.
- J. Virg. var. glauca** (Silvery Red Cedar). Mm. The foliage distinctly silver-gray. Quite prominent among other evergreens. Price each: 2 ft. \$4.50; 2½ ft. \$5.50; 3 ft. \$7.50.
- J. virg. Keteleeri**. M. Beautiful deep green foliage, growth is symmetrical, with tops of branches ascending. Suitable for planting in tubs. Price each: 4 ft. \$7.50; 5 ft. \$9.00.
- J. virg. Smithii**. One of the few Junipers holding a good green during the winter. Branches are drooping at the tips. Forms a broad pyramidal tree. Price each: 2 to 3 ft. \$6.00; 3 to 4 ft. \$7.50.
- J. var. Schottii**. A hardy evergreen of pyramidal form. Foliage light green and feathery. Price each: 3 to 4 ft. \$7.00; 4 to 5 ft. \$9.00; 5 to 6 ft. \$12.00.

Red Spider on Junipers

One of the enemies of the Juniper is the red spider, which usually appears during the months of July and August. Plants should then be sprayed every two weeks, either with Sunoco-oil, or "Black leaf 40." Be sure to use pressure sprayer so as to come in contact with the insects.



Juniperus Hibernica

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, \$14.00 for ten; 18 to 24 in. \$2.00 each, \$18.00 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. \$2.50 each, \$22.00 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. pun. var. glauca** (Colorado Blue Spruce). Habit 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. pun. 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

- Pinus cembra** (Swiss Stone Pine). Ss. Of thick, regular growth, foliage resembling the White Pine, and quite silvery. Price each: 2 to 3 ft. \$8.50.
- 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. \$6.50; 5 to 6 ft. \$9.00.
- 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. \$2.50; 3 to 4 ft. \$3.50; 4 to 5 ft. \$5.50; 5 to 6 ft. \$8.00.

RETINOSPORA—CYPRESS

(See Chamæcyparis)

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 scalecide in early spring.

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.



Pseudotsuga Douglasi



Taxus Cuspidata Nana

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. cusp. nana. (Dwarf Japanese Yew). **Ds.** A very handsome dwarf form of the above. We consider it the best variety to plant in New England. Price each: 12 to 15 in. spread \$4.00; 15 to 18 in. spread \$5.00; 18 to 21 in. spread \$8.00; 21 to 24 in. spread \$12.00.

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. Hoveyii (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 Hoveyii



Thuja pyramidalis

- T. var. pyramidalis** (Pyramidal Arborvitæ). 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 each, \$33.00 for ten; 3 to 3½ ft. \$5.00 each, \$45.00 for ten; 3½ to 4 ft. \$6.00 each, 4 to 4½ ft. \$7.50 each; 4½ to 5 ft. \$8.00 each; 5 to 5½ ft. \$10.00 each; 5½ to 6 ft. \$12.00 each.
- T. pyramidalis Douglasi** (Douglas Pyramidal Arborvitæ). Its foliage is feathery, somewhat crested and of a good dark green color. In habit the tree resembles the well-known Pyramidal Arborvitæ. It will grow about 12 to 15 feet in height. Price each: 18 to 24 in. \$2.50; 2 to 3 ft. \$4.00; 3 to 4 ft. \$5.00.

- T. var. Vervæneana**. S.M. (Vervæne Arborvitæ). A choice form, more compact than the American Arborvitæ 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 Arborvitæ). 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). Lr. 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). Lr. 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.



Tsuga—Hemlock

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, \$6.50 for ten.

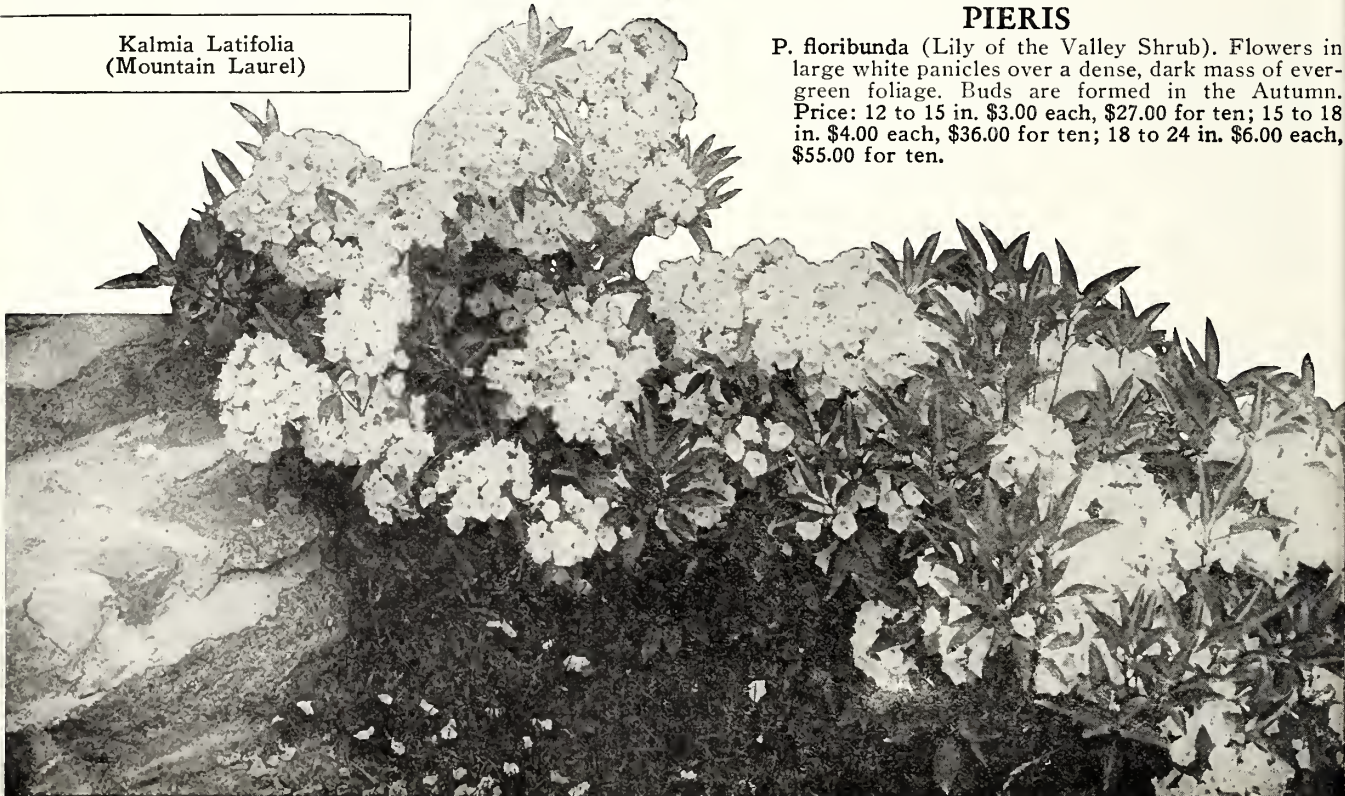
DAPHNE—GARLAND FLOWER

- 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 Latifolia
(Mountain Laurel)



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. Catesbæi* (Andromeda Catesbæi). 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.

PACHISTIMA

- 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. \$9.00 each, \$85.00 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. dasycarpum** (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 laciniatum** (Wier's Cut-leaved Silver Maple). **A**. Its foliage is deeply cut and is borne upon long recurring, pendulous branches. Price each: 8 to 10 ft. \$3.00; 10 to 12 ft. \$3.50.
- A. palmatum atropurpurea** (Dwarf Japanese Maple). **D**. Has small star-shaped leaves. Blood red. Price each: 2 to 2½ ft. \$5.00.
- 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 each; \$22.50 for ten; 8 to 10 ft. \$3.50 each; 10 to 12 ft. \$4.50 each; 12 to 14 ft. 1¾ 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. \$5.00.
- 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.

- B. var. pendula laciniata** (Cut-leaved Weeping Birch). **B**. Very much in favor as an ornamental tree for the lawn. Tall, slender and graceful, its branches droop in long streamers; bark silvery white. Spring planting is best. Price each: 6 to 8 ft. \$3.00; 8 to 10 ft. \$4.50.

- Betula papyrifera**. (Canoe or Paper Birch). **B**. An ornamental tree, with graceful, branching habit. When young the bark is brown, changing gradually to white as the tree grows older. Price each: 6 to 8 ft. \$2.50.



Betula pendula laciniata



Catalpa Bungei

CATALPA

- C. Bungei** (Umbrella Tree). **D.** 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.** A variety common in the West. Bears large orchid-shaped white flowers in July, followed by long bean-pods. Price: 6 to 8 feet. \$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** (Shirotae). 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. crugalli** (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.



Cornus florida—Flowering Dogwood

- C. var. *alba plena* (White-flowering Double Thorn). C. A fine contrast to the Double Scarlet or Paul's Thorn. Price each: 3 to 4 ft. \$2.00; 4 to 5 ft. \$3.00.
- C. var. *Rosea plena* (Pink-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. The best of the double varieties. The flowers are of brilliant carmine. Price each: 3 to 4 ft. \$2.00; 4 to 5 ft. \$3.00; 5 to 6 ft. \$3.50.

FAGUS—Beech

- F. *sylvatica* (European Beech). A. Of slower growth than the American, with darker bark and more compact habit. Price each: 4 to 5 ft. \$4.00.
- F. var. *purpurea* (Copper Beech). A. A noble tree with purple foliage. Price each: 4 to 4½ ft. \$10.00.

FRAXINUS—Ash

- 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. \$2.50 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.



Malus—Flowering Crab Apple

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. *Europæa* (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 4½ 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.



Morus—Mulberry

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). C. 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 teaspoonfuls to the gallon will be effective and will not burn the foliage.

PRUNUS—PLUM

P. Pissardi (Purple-leaved Plum). C. Handsome form, with purple leaves and wine-red fruits; one of the best of the small purple-leaved trees, retaining its color until Autumn. Hardy wherever the common Plum will stand. Price each: 3 to 4 ft. \$1.50; 4 to 5 ft. \$2.00.

P. Cistena. (Hansons purple Plum). Similar to *P. Pissardi*. Leaves are brighter red, making it a fine plant among the green shrubs. Price each: 3 to 4 ft. \$1.50.

QUERCUS—OAK

Long lived trees, free from insect and fungus pests; suitable for shade or street planting. The Pin Oak is one of the best permanent street trees, yet grows almost as rapidly as a Maple.

Q. bicolor (Swamp White Oak). Does well in wet ground, but will thrive in well-drained soils. One of the fastest growing varieties of oaks. Price each: 6 to 8 ft. \$3.00.

Q. coccinea (Scarlet Oak). B. There is no better Oak than this variety. It forms a large tree of fine proportions, the large, leathery leaves turning to a fiery scarlet in Autumn. A good street tree. Price each: 6 to 8 ft. \$4.50; 8 to 10 ft. \$6.00.

Q. palustris (Pin Oak). A. We consider this and *Coccinea* the two best Oaks. It is distinguished by its elegant growth and the drooping tendency of its limbs, and fine, deeply-cut foliage, which, in the Autumn, colors brilliantly. Being one of the easiest Oaks to transplant, it is in great favor as a street tree. Price each: 6 to 8 ft. \$4.00; 8 to 10 ft. \$6.50.

Q. rubra (Red Oak). A. An American variety, rapid in growth, with large foliage, which assumes in the Autumn a purplish scarlet hue. It makes a fine specimen and cannot be too highly recommended for general planting. Price each: 6 to 8 ft. \$4.00; 8 to 10 ft. \$4.50; 10 to 12 ft. \$6.50.



Quercus palustris—Pin Oak



Sorbus aucuparia

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. 75c, 4 to 5 ft. \$1.00; 5 to 6 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, \$40.00 for 100; 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

—all other forms being strictly shrubs. The common Lilacs 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.



Ulmus Montana pendula

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

Abbreviations denoting size at Maturity: L, large (8 to 12 ft.); M, medium (5 to 8 ft.); S, small (3 to 5 ft.); D, dwarf (2 to 3 ft.)
VD, very dwarf (1 to 2 ft.) Time of flowering is indicated for each variety.

Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.

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

A. fruticosa. (Indigo Bush). M. June. Strong growing shrub with finger-like spikes of Indigo-blue flowers.

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

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.

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. Vaseyi. L. June. Its pink or purple blossoms are very like the blossoms of the *Rhododendrons*. Price each: 15 to 18 in. \$3.50; 18 to 24 in. \$4.50 each.

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. Thunbergi 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—Butterfly Bush

B. Magnifica. Long spikes of Lilac-purple flowers with yellow centers, from mid-summer until frost. It is semi-herbaceous, often dying back to within a few inches of the ground, but growing vigorously from the roots the next season.

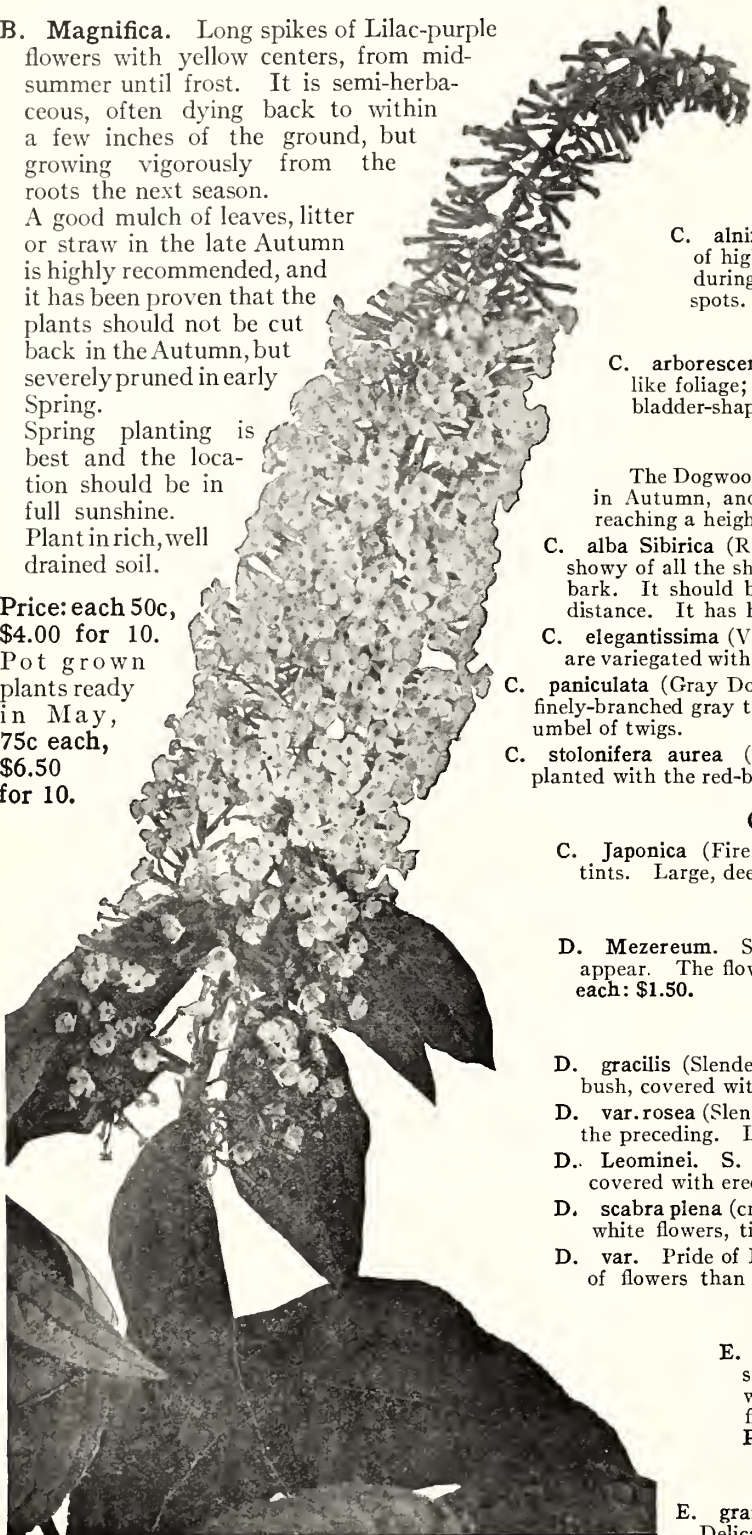
A good mulch of leaves, litter or straw in the late Autumn is highly recommended, and it has been proven that the plants should not be cut back in the Autumn, but severely pruned in early Spring.

Spring planting is best and the location should be in full sunshine.

Plant in rich, well drained soil.

Price: each 50c,
\$4.00 for 10.

Pot grown plants ready in May, 75c each, \$6.50 for 10.



Buddleia Magnifica

CALYCANTHUS—Sweet Shrub

C. floridus (Carolina Allspice). **M.** An old fashioned favourite, blooms all Summer. Fine glossy foliage and pineapple-scented, chocolate-coloured flowers.

CARAGANA—Siberian Pea Tree

C. arborescens. **L.** June. Showy, small, yellow flowers. Dark green wood and attractive foliage.

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.

COLUTEA—Bladder Senna

C. arborescens. **L.** July. Of compact growth. Light green, acacia-like foliage; yellowish-red, pea-shaped flowers, followed by curious red, bladder-shaped pods. Hardy and good in any soil.

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. gracilis** (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. scabra plena** (crenata plena) (Double Pink Deutzia). **L.** June. Very double, white flowers, tinged with purplish rose.
- 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. alatus compacta. A dwarf form of the above. Fine for hedging. Price each: 2½ ft. \$2.50.

E. Europæus (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

H. Syriacus. Single. white, red, and blue.

H. Syriacus. Double. White, red, pink and blue.



Hibiscus Syriacus



Kerria Japonica fl. pl.

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.

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.

Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.

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. Amurense (Amur River Privet). *M.* A large shrub with upright branches, growing 8 to 12 feet tall. Native of China. Leaves dark green and lustrous, tardily deciduous. Splendid for hedges. Sizes offered: 18 in. to 4 ft.

L. Iboleum. This is one of the newer varieties with shiny leaves, like the California privet and the hardness 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. Ibota (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. ovalifolium (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.

Price 2 to 2½ ft. 60c each; \$5.00 for ten.



Myrica—Bayberry



Philadelphus Albâtre

LONICERA—BUSH HONEYSUCKLE

These grow to medium height, and do well in dry shady spots where many other flowering shrubs will not thrive. The blossoms are similar to those of the well-known climbing form, and are followed by red berries.

L. fragrantissima. *M.* April. A beautiful variety; strong growth; fragrant pink flowers in early Spring.

L. Maackii. *M.* Upright shrub to 15 feet. Leaves dark green above, paler underneath. Fragrant white flowers. Fruit dark red.

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. tatarica (Tartarian Honeysuckle). *M.* June. Bears a profusion of pink flowers.

L. var. alba. Pure white, fragrant flowers.

L. var. rubra. Red flowers in great profusion.

MYRICA—BAYBERRY

M. Carolinensis (Candleberry). *M.* May. A sub-evergreen, low spreading, native shrub, found in sandy places. It covers itself with crowded masses of small white berries in Autumn. There is nothing to equal it for covering sandy or gravelly banks.

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.



Rosa Rugosa

PHYSOCARPUS—NINEBARK

- P. opulifolius*. L. June. A strong-growing shrub, with white flowers in flat clusters followed by red fruit, suitable for back ground in shrub borders.
- P. opulifolius* var. *aurea* (Golden Nine Bark). L. One of the best of our golden leaved shrubs. Growth and habit same as preceding variety.
- P. opulifolius* var. *intermedius*. L. Strong growing shrub, similar to the type having smaller foliage, making a very compact growing plant.

PRUNUS—Flowering Plum

- P. maritima* (Beach Plum). S. April. Grows wild on Cape Cod in sand. Splendid for seashore planting. Fine oval foliage. Very pretty white flowers followed by bright crimson fruit.
- 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.
- P. triloba* fl. pl. (Double-flowering Plum). M. May. A Chinese shrub, whose Spring beauty is difficult to equal. The large, double pink flowers resemble Roses and are crowded along the slender branches, covering them completely. Price each: \$1.00.

RHODOTYPOS—White Kerria

- R. kerrioides*. M. All Summer. An interesting, beautiful shrub from Japan. The Syringa-like flowers bloom through the season from May. Shiny black seeds in Autumn.

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* (Stagborn 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. var. alba* (White Jap. Rose). Same as above. White.
- 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.

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

- S. sorbifolia* (Ashleaved Spiræa). S. July. Handsome foliage resembling Mountain Ash. Panicles of white flowers.



Sorbaria—Ashleaved Spiræa

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* (Bumald's Spiræa). **S.** Grows as a low, round bush, producing numerous flat heads of rosy hue from Mid-summer 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.* var. **Froebeli**. **S.** Taller than *S. Ant. Waterer*. Flowers bright crimson, foliage turns red in Autumn.
- S. Japonica ovalifolia* (*callosa alba*). (White Japanese Spiræa). A dwarf white variety.
- S. opulifolia*. See *Physocarpus opulifolius*.
- 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.

SYMPHORICARPOS—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. racemosus* (Snowberry). **S.** July. Bushy form, pink



Symphoricarpos Racemosus

Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.



Syringa—Lilac

- flowers in Summer, white waxy berries in Autumn.
- S. vulgaris* (Indian Currant). **S.** Low-growing, spreading, graceful habit with clusters of red berries.

SYRINGA—Lilac

Price: except as noted: \$1.25 each, \$11.00 for ten.

- S. Josikæa*. **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 Graye*. 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 Grévy*. Petals of cobalt-blue, with the centres brilliant and the edges rosy. The buds are of a violet hue.

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. \$3.00; 2 to 2½ ft. \$4.00; 2½ to 3 ft. \$5.00.

V. dentatum (Arrow-wood). *M.* June. Glossy, handsome leaves, white flowers, and fine steel-blue berries in the Autumn.

V. lantana (Wayfaring Tree). *M.* May and June. Good size, bushy, large foliage, noteworthy for its silvery underlining; ornamental red, then black, fruit in Autumn.

V. lentago (Sheepberry). *M.* Flowers creamy white, very fragrant; foliage a light, glossy green.

V. opulus (High-bush Cranberry). *L.* June. One of the best for general planting. The leaves are broad and elegant, and the Autumn-borne, bright scarlet berries catch the eye late into Winter.

V. var. sterile (Common Snowball). *L.* Filled with large pendant balls of snow-white flowers in May.



Viburnum Plicatum

V. tomentosum (Single-flowered Japanese Snowball). A vigorous shrub with spreading branches, a native of Japan. Leaves dark green with bronzy margins, broadly ovate. Flowers white, produced in flat-topped clusters, with the marginal ones sterile and radiant. Berries red, 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.

V. Sieboldi. *M.* Leaves large, dark green and shining above, starry pubescent beneath. Flowers white, disposed in broad pyramidal clusters 3 to 4 inches across. Berries pink, changing to bluish black.

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.

W. floribunda. (Crimson Weigela). *M.* June. Deep crimson flowers, freely produced.

W. rosea. (Pink Weigela). *M.* June. A reliable and fine variety. Rose-colored flowers.

W. var. nana variegata (Variegated Dwarf Weigela). *S.* Of dwarf habit, and possessing clearly defined, silver, variegated leaves; flowers nearly white.

W. Eva Rathke. One of the best of the Weigelas, the plant having a vigorous habit and bearing freely well-shaped, large, crimson-red flowers.

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.



Viburnum Opulus

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 10; 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. siphon (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, \$36.00 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.**Jackmani.** A general favorite. Violet-purple and free-flowering.**Mme. Edouard André.** Red.**Ramona.** Light blue.

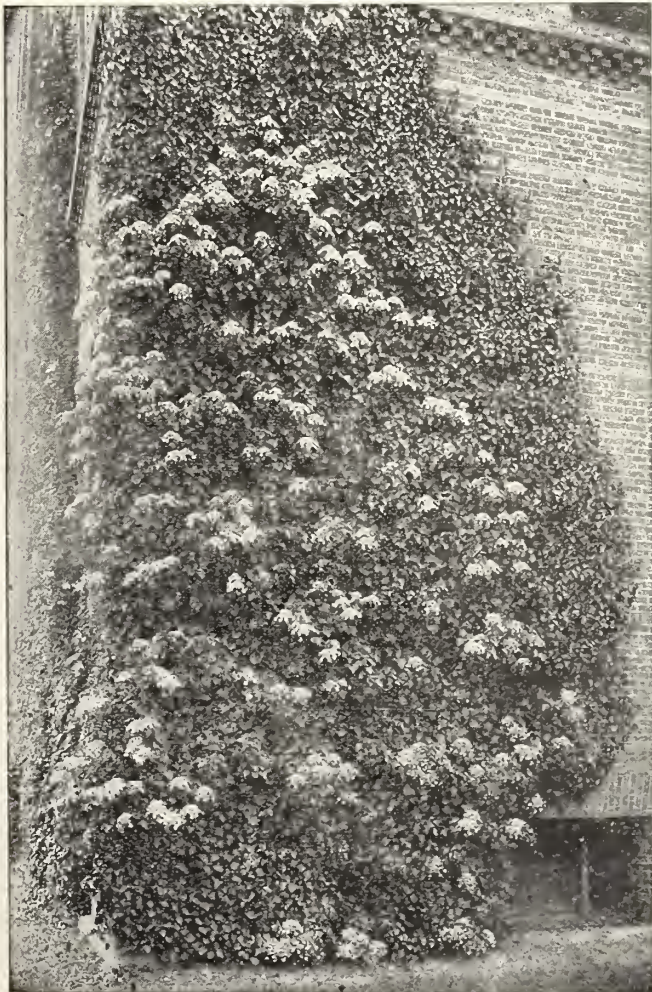
HEDERA—Ivy

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. Halleana. (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.

Climbing Hydrangea



Wistaria

L. sempervirens (Scarlet Trumpet Honeysuckle). This bears during the Summer clusters of scarlet, tubular flowers. Handsome foliage and fruit. 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

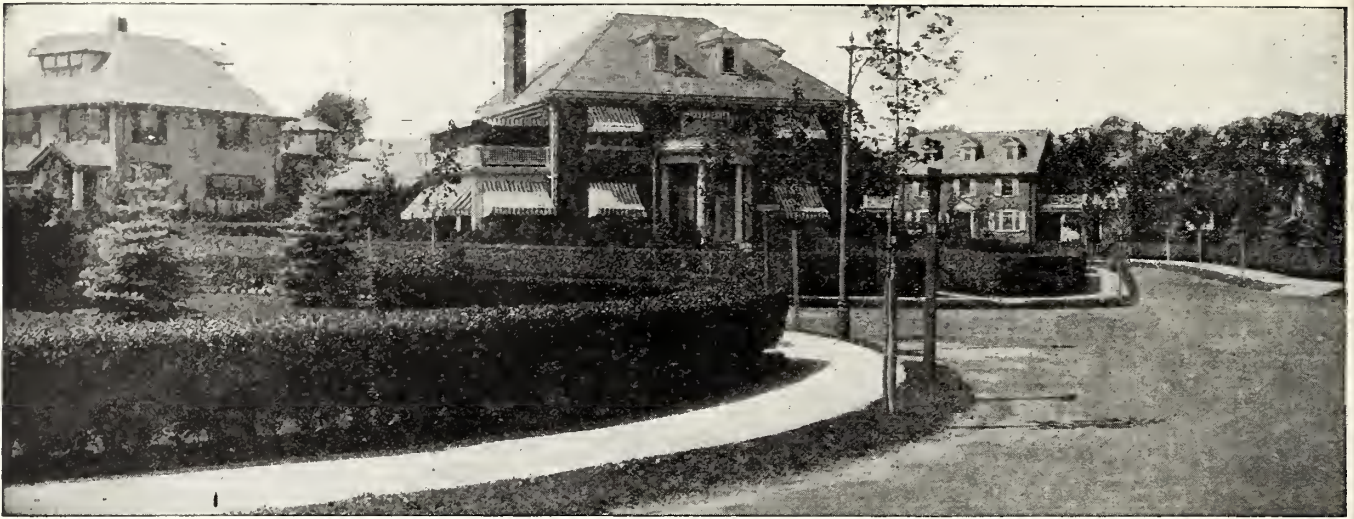
P. Thunbergiana. An extremely fast growing vine, with immense leaves bearing small racemes of pea-shaped rose purple flowers in August. Price 50c each; \$4.00 for ten.

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.

L. Ibota (Japanese Privet). An especially hardy, spreading sort. Its black berries remain through the Winter. Very attractive to birds.

- 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

Berberis Thunbergi (Japanese Barberry). Very hardy.

- 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.

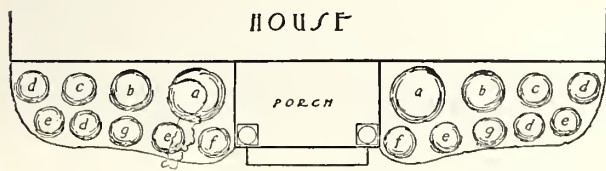
SPECIAL PRICES for ten: 24 to 30 inches \$36.00; 30 to 36 inches \$45.00; 3 to 3½ feet \$55.00.

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.

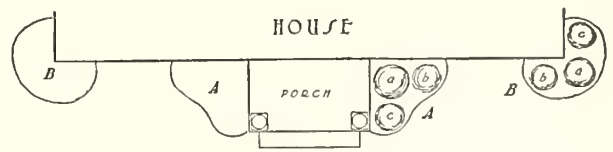
Complete Evergreen Foundation Planting



- a—2 *Tsuga Canadensis*, 3 to 3½ feet, \$12.00
- b—2 *Thuja occidentalis*, 3 feet, \$8.00
- c—2 *Juniperus Hibernica*, 2 to 3 feet, \$7.00
- d—4 *Thuja globosa*, 12 to 15 inches, \$8.00
- e—4 *Thuja Hoveyii*, 12 to 15 inches, \$8.00
- f—2 *Pinus mughus*, 12 to 15 inches, \$5.00
- g—2 *Juniperus Pfitzerinana*, 12 to 15 inches, \$5.00

Total value, \$53.00. Special price for entire group of eighteen, \$50.00.

Small Corner Groups for Front of House



- a—1 *Thuja occidentalis*, 2 feet, \$2.50
- b—1 *Chamæcyparis plumosa*, 15 to 18 inches, \$2.00
- c—1 *Thuja Hoveyii*, 15 to 18 inches, \$2.50

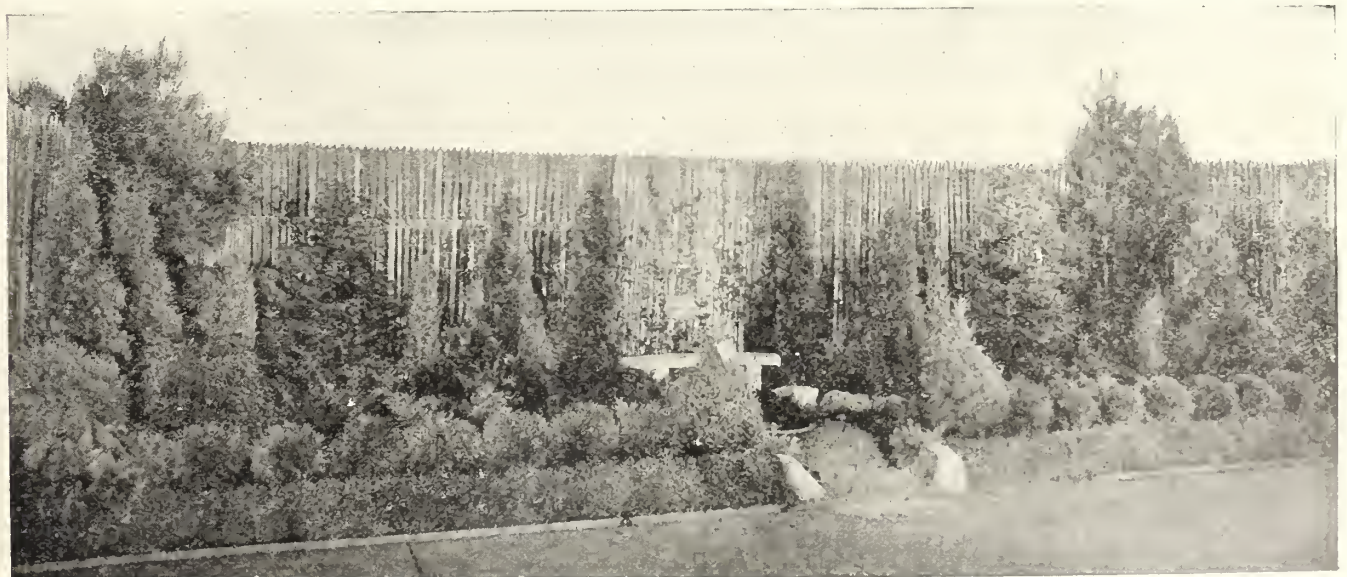
Total value, \$7.00. Special offer for group, \$6.00;
four groups for \$21.00

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 Tero-gen as an Autumn-Winter ground dressing destroys the spores of most fungeous diseases as well as the larvae of insects.

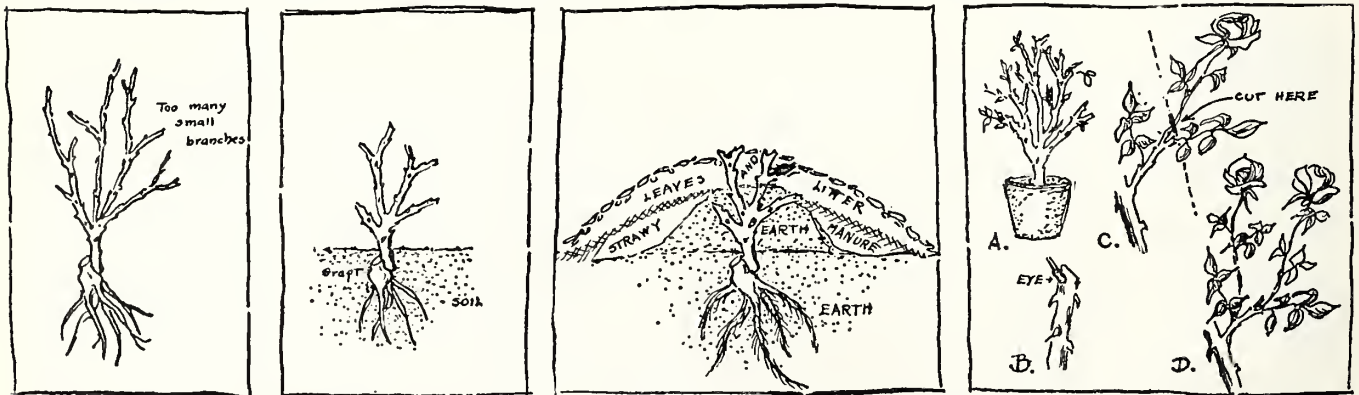


Fig. 1. A Rose Plant as received from the Nursery. Fig. 2. The same Rose properly pruned and planted in rich soil with bud one inch below surface. Fig. 3. A Rose properly covered for winter. Fig. 4. (A) A potted Rose plant as received from the Nursery after May 1. Remove from pot and plant with potted 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.

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 when conditions are right, it does 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.



Edel

✦ **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.

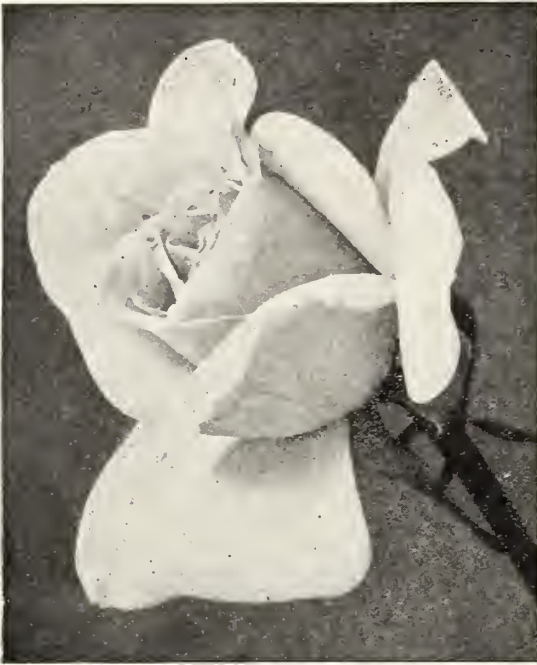
✦ **Feu Joseph Looymans. HT.** (P. J. Looymans & Co. 1922.) Buds are long and pointed opening to large flowers of deep orange yellow with apricot shades. Growth is strong, with glossy green foliage.

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 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 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.



Lady Alice Stanley

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.

Kaiserin 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.

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 Ashtown. 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.

Los Angeles. HT. (Howard & Smith 1916). A beautiful Rose, with exquisite colorings. Flowers of salmon-pink, shading to golden orange; slightly fragrant. Growth is good and free flowering. Needs protection against "black-spot."

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 to rose at the center; a beautiful shape and very fragrant. Growth is strong, with clean healthy 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."



Mme. Butterfly

THREE Outstanding ROSES

That Deserve a Place in Every Garden

» » SPECIAL OFFER! « «

One each of these three fine Roses **\$4.00**
 A \$4.50 value, for



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
 Complete Rose Garden

See page V

For **\$10**

Regular Value \$12.10



Mrs. Henry Morse



Rev. F. Page-Roberts



Etoile de Hollande



Willowmere



Mme. Edouard Herriot



Radiance



Mme. Jules Bouche



Lady Margaret Stewart

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.



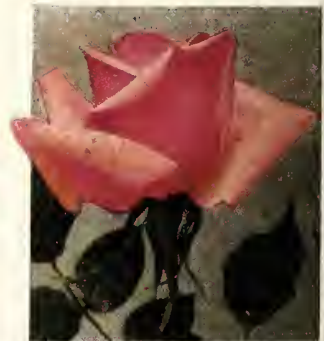
Souvenir de Georges Pernet



Ville de Paris



Francis Scott Key



Betty Upchurch

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. (Croibier & 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."



Souvenir de Claudius Pernet

✧ **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.



Rose Marie



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 copper-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.

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.

Earl of Dufferin. (A. Dickson & Sons 1887). Rich, velvety crimson, shaded with dark maroon, very fragrant. Growth extremely strong, flowering over a long season.

Fisher Holmes. (E. Verdier 1865). Magnificent, velvety crimson-scarlet, perfectly formed and fragrant. Growth is strong and established plants sometimes flower in the Autumn.

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 1912). Very large, perfect flowers of dark velvety crimson; very fragrant. Growth is strong with fine foliage, which, however, mildews easily.

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."

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.

Prince Camille de Rohan. (E. Verdier 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.



Paul Neyron

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.

Cecile 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.



Mrs. William H. Cutbush

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, orange-salmon 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 Zeimet. (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 Levvasseur (or Baby Rambler). (Levvasseur & Sons 1903). Small, semi-double flowers of bright purple-crimson 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.

Orleans. (Levvasseur & Sons 1910). Flowers small, fairly double, and brilliant light red with a whitish centre, constantly in flower in large trusses. Strong and healthy.

Triomphe 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 very early, 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 Graveraux**. (Graveraux 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. (DeGoey 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.

Roseaie 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 1926). 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.

Henri Martin. (Laffay 1863). Sparsely mossed buds. Flowers are fairly large, shining crimson, semi-double. Plant grows moderately.

SINGLE ROSES

Price: \$1.00 each, \$9.00 for ten.

Irish Elegance. HT. (A. Dickson & Sons 1905). Bronzy pink buds, opening with shades of apricot and yellow. Growth very strong and continually in flower. Perhaps the best liked of the single Roses.

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 strawy 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 Ashtown. Shining Pink.

Lady Hillingdon. Deep apricot-yellow.

Madame Butterfly. Bright pink, apricot and gold.

Mme. Caroline Testout. Rich pink.

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 tuft 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.

Climbing Mme. Caroline Testout. Climbing form of the well known HT. Rose. Very free flowering. Price each: \$1.00.

Climbing Souvenir de Claudius Pernet. Sunflower yellow, like the Bush Rose. Price each: \$1.00.

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 Lovett. 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.



American Pillar

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.

Scorcher. An Australian introduction. Very vigorous and hardy, with beautiful vermilion flowers in great profusion. "There is nothing else like it." Price: \$2.50.

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 Iris Germanica
2 Aquilegia chrysantha	1 Lobelia cardinalis
2 Chrysanthemums	1 Lupinus polyphyllus
1 Coreopsis lanceolata	1 Lychnis chalcedonica
2 Delphiniums	2 Phlox
1 Gypsophila paniculata	1 Platycodon
1 Heliopsis Pitcheriana	1 Veronica

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.

April to June

3 Aquilegia hybrids	3 Iris Germanica
3 Delphiniums	2 Lupinus polyphyllus
1 Hemerocallis	2 Oenothera
2 Gaillardia	1 Gypsophila

June to August

2 Achillea	2 Iris Kaempferi
1 Heuchera	2 Lobelia cardinalis
2 Coreopsis	2 Lychnis Chalcedonica
2 Dianthus barbatus	2 Platycodon
2 Stokesia	

August to October

2 Aconitum	4 Chrysanthemums
2 Anemone Japonica	2 Helenium
2 Aster Novæ-Angliæ	4 Phlox

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 PERENNIAL BORDER

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 ROCK GARDEN

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 Paeonies, 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.

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





Iris

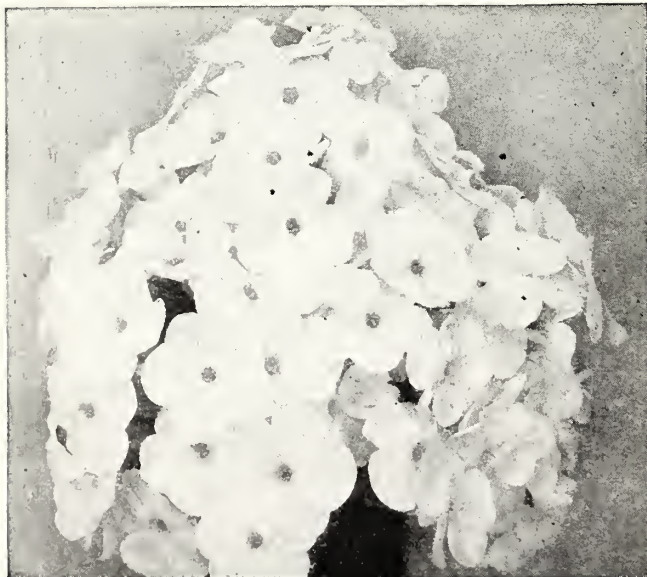
Hardy Chrysanthemums

Special Offer

- Alice Howell. Single orange yellow.
 Glory of Seven Oaks. Dwarf golden yellow; very early.
 Hills of Snow. Pure white; small flowered.
 Mrs. Albert Phillips. Deep lavender pink. Single.
 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.



Phlox

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.



Chrysanthemums

Hardy Phlox

Special Offer

- Africa. Carmine purple, blood-red eye.
 Eclairer. 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.

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

ACHILLEA—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.
A. tomentosa. Woolly Yarrow. Bright yellow flowers. June. 1 ft.

ACONITUM—MONKSHOOD

Price: 35c each, \$3.00 for ten.

A stately group of plants for the wild garden, shrubby 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. June to September. Flowers dark blue. 3½ ft.
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.

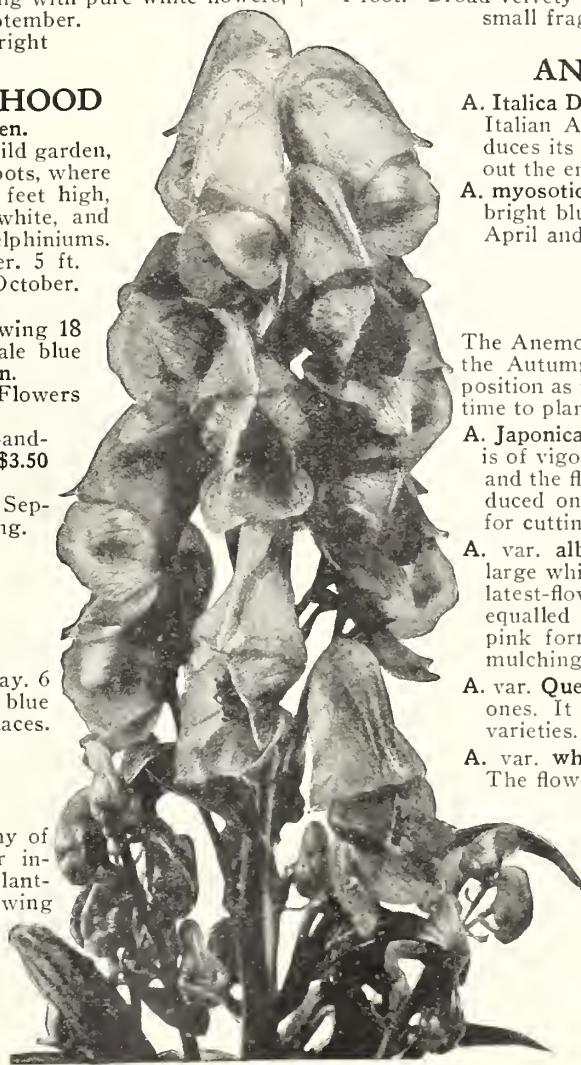
ANCHUSA—BUGLOSS

- 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. myosotidiflora. 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.



Aconitum



Aquilegia—Columbine

ANTHEMIS—CHAMOMILE

A. tinctoria. June to October. 2 to 3 feet. Flowers deep lemon-yellow. Excellent for cutting.

AQUILEGIA—COLUMBINE

One of the most deservedly popular groups of hardy plants, and one in which every variety has an individual grace and beauty which never fails to elicit admiration.

A. formosa truncata (Californica). A cross between *A. cœrulea* and *A. chrysantha*, having similar-shaped flowers, but much larger than either of the parent species and very distinct in color, from creamy white to intense blue and rosy purple.

A. Canadensis (American Columbine). April to June. 1 to 1½ feet. The wild Honeysuckle. Scarlet and yellow flowers.

A. chrysantha (Golden Columbine). May to August. 3 feet. Numerous golden yellow flowers, with long, slender spurs; one of the most distinct of this family; fragrant and showy.

A. Erskine Park Hybrids. This strain of *Aquilegia* originated at Erskine Park, Lenox, Mass., the result of hybridizing European and American varieties. Mixed colors.

A. long spurred hybrids. Choice mixed. 3 feet. This strain is the finest procurable. The colors range through blue, bright rose, pink, mauve, white and yellow.

A. vulgaris (European Columbine). April to June. 1½ to 2 feet. Flowers in all shades of blue, white, red, and purple; strong, vigorous habit of growth.

A. var. alba (White European Columbine). April to June. Of great value for cutting, and most showy. 2 to 3 feet.

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. fl. 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. Fardel. Rich clear pink. 4 to 5 feet.

Mauve Cushion. A cushion-like plant. Delicate mauve, 9 to 10 in.

Mrs. F. W. Raynor. Deep red. 3 feet.

Novæ Angliæ. Violet purple. 4 feet.

var. roseus. Rosy pink. 4 feet.

Perry's Pink. Fine pink. 4 feet.

St. Egwin. Bright pink. 3 feet.



Astilbe

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100



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—MILKWEED

- 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—ARENDSI 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. Gloria**. Brilliant deep pink.
A. Juno. Purplish pink. **A. Moerheimi**. Pure white.

JAPONICA VARIETIES

- A. America**. Lilac. **A. Philadelphia**. Bright pink.
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

- B. australis**. June and July. 3 feet. Easily grown, quite compact and showy. Long racemes of dark blue flowers.

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.

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

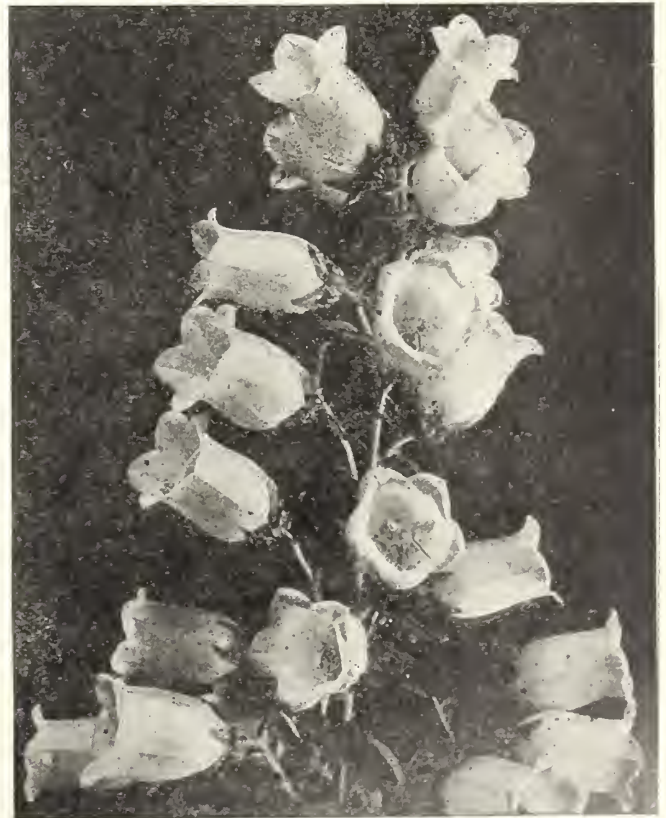
- C. incisa**. July and August. 1 to 2 feet. Light blue, Aster-like flowers.

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

- C. Carpatica** (Carpathian Bellflower). June to September. 9 inches. This forms neat, compact tufts, covered with large, blue flowers; useful as an edging, bedding, or border plant.
C. var. alba (White Carpathian Bellflower). June to September. 9 inches. Similar to above, but with pure white flowers.
C. media (Canterbury Bell). Biennial, 2 to 3 feet high; flowers blue, pink, white, rose, and mixed colors; corolla very large and bell-shaped; bright and attractive.



Campanula Media

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. persicæfolia*. 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. 1½ to 2 feet. This peach-leaved Campanula is the finest double white bell-flower grown. The flowers are from 2½ 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. Marilandica*. 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.

CERA TOSTIGMA—PLUMBAGO

- C. plumbaginoides* (Larpenet 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.

CHELONE—TURTLE-HEAD

- 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.



Coreopsis



Hardy Chrysanthemums

CHRYSANTHEMUMS

Do not plant Chrysanthemums in the Autumn.

Plants may be set any time after danger from frost is past in the Spring. Space rows two feet apart, plants 18 inches, or in groups of 3 to 5 plants in the sunny border 1 foot apart. Pinch out head when planting.

- Aberdeen.** Bronzy maroon; button type.
- Alice Howell.** Single, orange yellow.
- Baby.** The smallest flowered yellow button variety.
- Eve.** Large flowers of rich, deep pink.
- Glory of Seven Oaks.** Dwarf golden yellow; very early.
- Hills of Snow.** Pure white; small flowered.
- Irene.** Pure white pompon.
- Mrs. Albert Phillips.** Deep lavender pink; single.
- Mrs. Calvin Coolidge.** Rich wine red.
- Mrs. C. S. Ryan.** Large pure white.
- Red Doty.** Rosy red.
- Ruth Cumming.** Rich reddish bronze and terracotta.
- Price 30 cents each; 5 or more of one variety 25 cents each; \$20.00 for 100. (For collection see page 136.)

- ✦ **Barbara Cumming.** Clear yellow, very large.
- ✦ **Gypsy Girl.** Crimson shading to chestnut crimson.
- ✦ **October Girl.** Pink shaded with lavender.
- ✦ **Ruth Hatton.** Clear ivory white.
- ✦ Price: 50 cents each, \$4.50 for ten.
See specialties page VI

CIMICIFUGA—BUGBANE

- C. racemosa*. Tall graceful perennial suitable for background of the border. Tall racemes of white flowers. 4 to 5 feet. July. Price: 35 cents each, \$3.00 for ten.

CLEMATIS

- C. Davidiana*. Pale blue flowers in clusters, with a delicate fragrance. Price: 40c each, \$3.50 for ten.
- C. recta*. Flowers white, sweet-scented and in immense masses. 3 feet. Rare and excellent. Price 35c each, \$3.00 for ten.

CONVALLARIA—LILY OF THE VALLEY

- C. majalis*. Spring. 9 inches. This is familiar to every one. It makes stronger spikes when given rich loam. Price: 50c each, \$4.50 for ten, \$40.00 for 100.

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.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100

DELPHINIUM-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 silvery and fine. 15 inches.



Delphinium—Larkspur

DELPHINIUM HYBRIDS

See specialties page VI
50c each: \$4.00 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.
- Grenadin.** Scarlet. Bright scarlet, dwarf.
- Her Majesty.** White. Very large and double, fragrant.
- Louisa M. Alcott.** Large deep pink.

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.

DICTAMNUS—GAS PLANT

Price: 35c each, \$3.00 for ten.

- 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

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. maculata superba*. Beautifully spotted. June-July. 3 ft.
- D. monstrosa* (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—CONE FLOWER

- 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.
- E. speciosus* (Oregon Fleabane). Dark lilac flowers in abundance. July and August.

ERYNGIUM—SEA HOLLY

- E. amethystinum*. July and August. 3 feet. Has handsome, spiny, lacinated foliage and heads of flowers of a lovely amethystine blue.

EULALIA—ORNAMENTAL GRASSSee *Miscanthus***EUPATORIUM—THOROUGHWORT**

- E. caelestinum* (Mist Flower). Light blue flowers similar to *Ageratum*. Sept. 2 feet. Price: 35c each; \$3.00 for ten.
- E. urticæfolium* (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* (*Spiræa Gigantea*). July. White. 5 feet.
- F. hexapetala* (*Spiræa Pendula*). May and June. Creamy white. 1½ feet.

FUNKIA—PLANTAIN LILYSee *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.
- G. Cruciatæ*. An erect growing variety, flowers in clusters. Dark blue. June to August. Prefers full sunlight.

GERANIUM—CRANE'S BILL

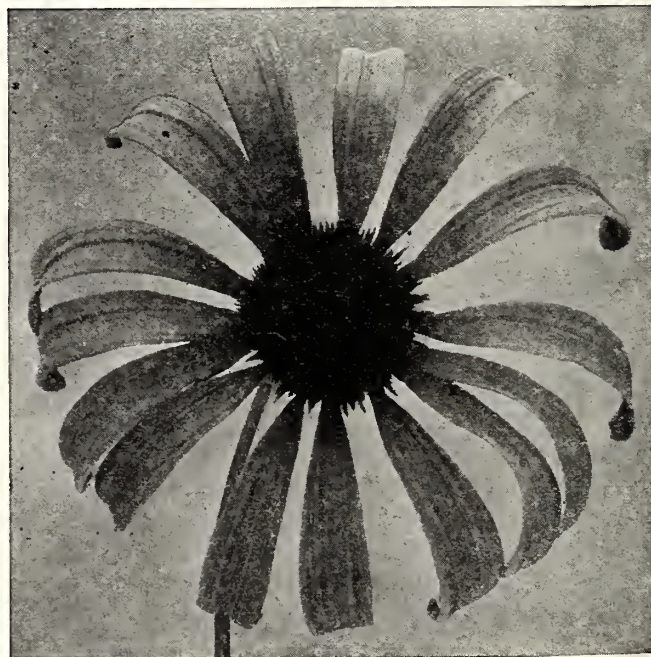
- G. sanguineum*. Handsome, large, clear crimson flowers in profusion all Summer. 2 feet.

GEUM

- G. Lady Strathedon*. Large double flowers, a rich golden yellow from June to September. 2 feet. Price: 35c each, \$3.00 for ten.
- G. Mrs. Bradshaw*. Splendid variety. Double dark red flowers. Blooms all Summer. 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 combination 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.



Echinacea

Prices except as noted; 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100



Helleborus—Christmas Rose

HELENIUM—SNEEZEWORD

- 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

- H. chamæcistus*. Pale pink fading white. Trailing habit.

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.
- H. persicæfolia*. The new Japanese sunflower. Magnificent semi-double variety. Perfectly hardy. About 6 feet tall. Splendid for cutting.

HELIOPSIS—OX EYE

- H. helianthoides* (lævis). 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.

HELLEBORUS—CHRISTMAS ROSE

- H. niger*. Very large white flowers, flushed with purple. Flowers during February and March. Splendid for rock gardens. Plant is evergreen. 1 ft. Will force very easily. Each, \$1.50; \$14.00 for ten.

HESPERIS—SWEET ROCKET

- H. matronalis*. Pink. June to August. 2 to 3 feet.

HEUCHERA—ALUM ROOT

- H. rosea*. Large pink flowers. May to September. 18 inches.
- H. sanguinea*. June to September. 18 inches. Very free-flowering; bright crimson flowers, good for cutting, and a charming border or rock plant.

HEMEROCALLIS—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.
- Goldeni*. Deep golden orange. July.
- Gypsy*. Deep orange. Late.
- J. A. Crawford*. Apricot yellow. Middle of July.
- Lemona*. Pale lemon yellow.
- Modesty*. Pale yellow. Late July.
- Mrs. A. H. Austin*. Deep golden yellow.
- Mrs. W. H. Wyman*. Light golden yellow.
- The Gem*. Golden yellow. Early July.

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.
- 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.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100



German Iris

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.
- Archevêque.** S, deep purple-violet. F, rich deep velvety violet. Fragrant. Each 35c; \$3.00 for ten.
- Aurea.** S and F, clear rich yellow. Each 30c; \$2.50 for ten.
- Ballerine.** A beautiful variety; flowers porcelain blue, with wavy margins. F, somewhat deeper in color. Fragrant. Each \$1.00.
- 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.
- Garrick.** S, pale blue. F, deep violet-blue. Each 30c; \$2.50 for ten.
- Her Majesty.** S, rose-pink. F, crimson. Each 35c; \$3.00 for ten.
- Innocenza.** S and F, ivory white, crest rich golden yellow. Each 35c.
- Kharput.** S, violet-blue. F, dark blue. Each 30c; \$2.50 for ten.
- King of Iris.** A. M. R. H. S. 1916. S clear lemon yellow. F rich maroon, bordered yellow. Brilliant colors. Large flowers. Very fine. Each 50c; \$4.00 for ten.
- Lent. A. Williamson.** S, lavender violet blended with yellow. F, velvety violet; golden beard. Each \$1.00.
- Lohengrin.** S and F, deep violet mauve. Each 50c; \$4.00 for ten.
- Lord of June.** S, Lavender-blue. F, rich violet purple. A beautiful variety. Each 75c.
- Lorelei.** S, light yellow. F, blue, bordered yellow. Each 35c; \$3.00 for ten.
- Magnifica.** S, light violet blue. F, long deep reddish violet reticulated brown; yellow beard. Each \$2.00.
- 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.
- Opera.** Very distinct. S, coppery-brown. F, wine-red, bronze-maroon pencilled with gold at base. Each 50c; \$4.50 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.
- Pallida speciosa.** S, violet-blue. F, purple. Each 30c; \$2.50 for ten.
- Princess Victoria Louise.** S, light-sulphur yellow. F, rich violet-red, edged creamy white. Each 30c; \$2.50 for ten.
- Prosper Laugier.** S, light bronze-red. F, velvety ruby purple; orange beard. Each 50c; \$4.50 for ten.
- Purple King.** S, rich claret-purple. F, deep purple. 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.
- Wyomissing.** 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.
Walhalla. S, lavender. F, wine red. Each 35c; \$3.00 for ten.

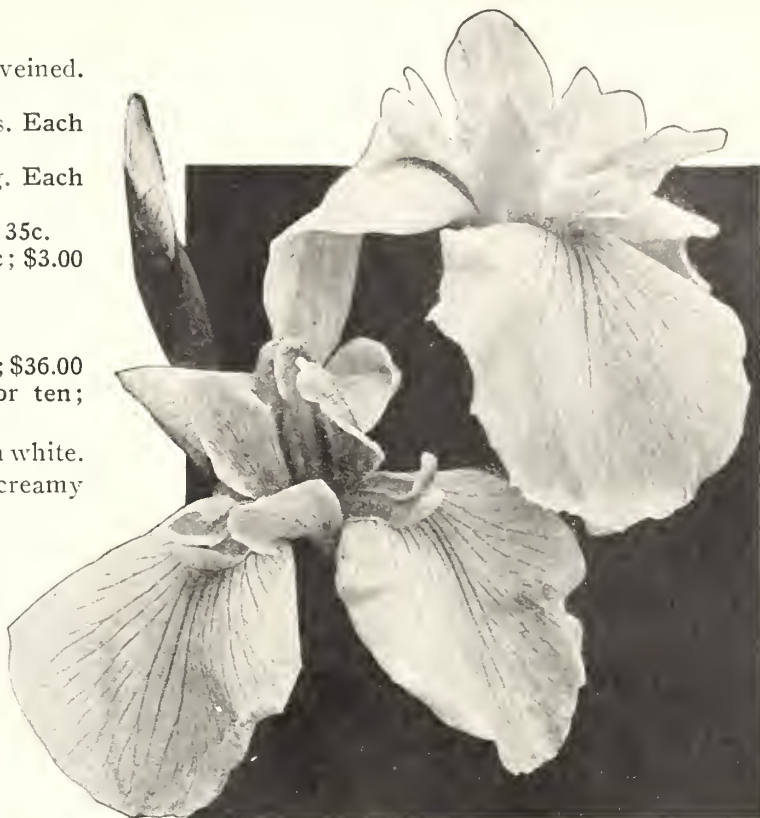
JAPANESE IRIS

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.



Iris Siberica orientalis



Iris Kaempferi—Japanese Iris

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.

Canary Bird. S. Rich yellow. F. Same color as Standard, green markings. Orange beard.

Cœrulea. 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. June. 3 feet. Long narrow leaves, deep blue flowers. Fine for water garden.

I. Siberica orientalis Snow Queen. Flowers pure white.

I. Versicolor. Very showy violet blue.

KNIPHOFIA—TORCHLILY

K. Pfitzerii (Tritoma) (Red-hot Poker). Aug. to Oct. 4 feet. Produces extra-fine spikes of orange-scarlet flowers, with long, protruding anthers.

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. 2½ 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. rosea. 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. flosculi (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.

MENTHA—MINT

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.

NEPETA

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. Missouriensis. 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

Prices except as noted; 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100



Festiva Maxima

PAEONIES

Pæonies 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 Pæony rivals the Rose in beauty, ranging from pure white to darkest red.

Pæonies should be planted in the Autumn or before May first. **Asa Gray.** Milk white, with carmine dots; effect is delicate pink. Each, \$1.50.

Boule de Neige. Milk-white, centre flecked crimson. Each, 75c. **Couronne d'Or.** Pure white, with circle of golden stamens. Each, 75c.

Delachie. Violet crimson, tipped silver. Each, 75c.

Dorchester. Delicate pink, late. Each, 75c.

Duchesse de Nemours. White centre, petals sulphur yellow, early midseason. Each, 75c.

Edulis Superba. Mauve pink, early. Each, 75c.

Felix Crousse. Deep ruby red, very fine. Each, \$1.00.

Festiva Maxima. Large, ivory white, flaked crimson. Each, 75c.

François Ortegat. Semi-double, large purplish-crimson bloom, with brilliant golden-yellow anthers. Each, 75c.

Humei. Cherry pink, with silver tips. Each, 75c.

Karl Rosefield. Brilliant deep crimson, large, very full flowers on long, stiff stems. Midseason. Each, \$1.50.

La Tulipe. Lilac white, striped crimson. Each, 75c.

Livingstone. Soft rosy pink, silvery reflex. Best late pink. Each, \$1.50.

Louis Van Houtte. Dark crimson, very double. Each, 75c.

Meissonier. Very brilliant purple-red. Early. Each, 75c.

Mons. Jules Elie. Glossy pink, shading into deeper rose at the base; large, globular flowers on long stems. Midseason. Each, \$1.50.

Monsieur Martin Cahuzac. Dark garnet or maroon. The darkest Pæony. Each, \$5.00.

Officinalis Rosea-plena. Soft bright pink, very early. Each, \$1.00.

Officinalis rubra plena. Large double flowers, dark crimson. Very early. Each, \$1.00.

Reine Hortense. Light shell pink, center flecked crimson, large, well formed flowers, very fragrant. Midseason. Each, \$1.50.

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 pæony. 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 Pæonies. Midseason. Each, \$3.50.

Walter Faxon. Pure light salmon pink, deepening toward center, very distinct and unusual shade. Midseason. Each, \$5.00.

CHOICE JAPANESE SINGLE PAEONIES

Splendid for cut blooms, lasting well when cut.

Cornelia. Pure white, narrow yellow petals in centre. Each, \$2.50.

Emma. Pure rose color, narrow petals in centre. Each, \$3.00.

Eva. Reddish rose, narrow yellow and rose petals in centre. Each, \$2.50.

Jacqueline. Pure glossy white, with narrow light yellow petals in centre. Each, \$2.50.

Mikado. Dark brilliant crimson petals, centre cushion of golden yellow petals, crimson edged. Each, \$2.50.

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. or. var. Perry's White. Pure white. Price: 50c each.

PENTSTEMON—BEARD TONGUE

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.

P. Virginiana alba. Pure white variety of the preceding.

PLATYCODON—BALLOON FLOWER

P. grandiflora. July to October. 1 to 3 feet. Large, showy, deep blue flowers.

P. var. alba. Similar to the above, but with pure white flowers.

P. var. Mariesi. A dwarf form of the above with broad foliage and larger deep violet-blue blossoms. 1 foot.

PLUMBAGO—CERATOSTIGMA

See CERATOSTIGMA

POLEMONIUM

P. cœruleum (Jacob's Ladder). May to July. Light blue. 18 in.

P. humile (Dwarf Polemonium). 8 inches. Bright blue.

P. reptans (Creeping Polemonium). April to June. Bright blue. 6 inches.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100



Phlox

HARDY PHLOX

For Collections see page 136

- Africa.** Carmine-purple, blood-red eye.
Annie Cook. Flesh-pink, fragrant.
B. Compte. Rich, French-purple, late.
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.
Eclairer. 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.
Gen. von Heutz. Bright Salmon Red, white centre.
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 Heurlin. 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. amœna. 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. subulata Moerheimi. Beautiful pink lavender. Compact grower.
P. var. alba. White.

POLYGONATUM—SOLOMON'S SEAL

- P. commutatum.** Panicked 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.
P. Japonica. Large purple-crimson flowers on long stems. June.

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.



Pyrethrum

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100

RANUNCULUS—BUTTERCUP

R. acris fl. pl. Double buttercup. Golden yellow flowers. 1 foot. May and June.

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.

S. Greggii. Masses of brilliant carmine flowers. Needs protection during winter.

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.

S. spec. var. **Brilliant**. A rich colored form of the preceding, being a bright amaranth-red.

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

Scabiosa Caucasica

STACHYS—BETONY

S. lanata. Woolly white foliage, purple spikes. 18 inches.

STATICE—Sea Lavender—see Limonium Latifolium.

STOKESIA—CORNFLOWER ASTER

S. lœvis (**cyanea**). Grows from 18 to 24 inches high, bearing freely from early in June until October its handsome lavender-blue Cornflower-like blossoms.

THALICTRUM—MEADOWRUE

T. aquilegifolium (**Columbine Meadowrue**). Graceful foliage like the Columbine. Flowers white on long stems. 1 to 3 feet. May and June.

T. minus adiantifolium (**Maidenhair Meadowrue**). Dwarf variety, with greenish yellow flowers. 1 to 2 feet. June.

THYMUS—THYME

T. citrodorus. Deep pink.

T. serpyllum coccineum (**Crimson Thyme**). Dark green foliage, bright red flowers which cover the entire plant.

T. vulgaris. June and July. 6 inches. An old garden plant being grown as a sweet herb; flowers small, lilac, or purplish, in terminal, interrupted spikes; foliage very fragrant.

TRADESCANTIA—SPIDER WORT

T. Virginiana. Gives a succession of blue flowers all Summer.

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. Europæus. Large, globular, lemon-colored, buttercup-like flowers on long stems. 18 inches.

T. Eur. var. Orange Globe. A strong, sturdy grower, with large, globular flowers, of a rich deep, glowing orange. Free-blooming. 2 feet.

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.

VINCA—MYRTLE

Vinca minor. April to June. Of a creeping habit, with ever-green 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.

Lutea Splendens. Rich golden yellow.

White Perfection. A fine white.

YUCCA—ADAM'S NEEDLE

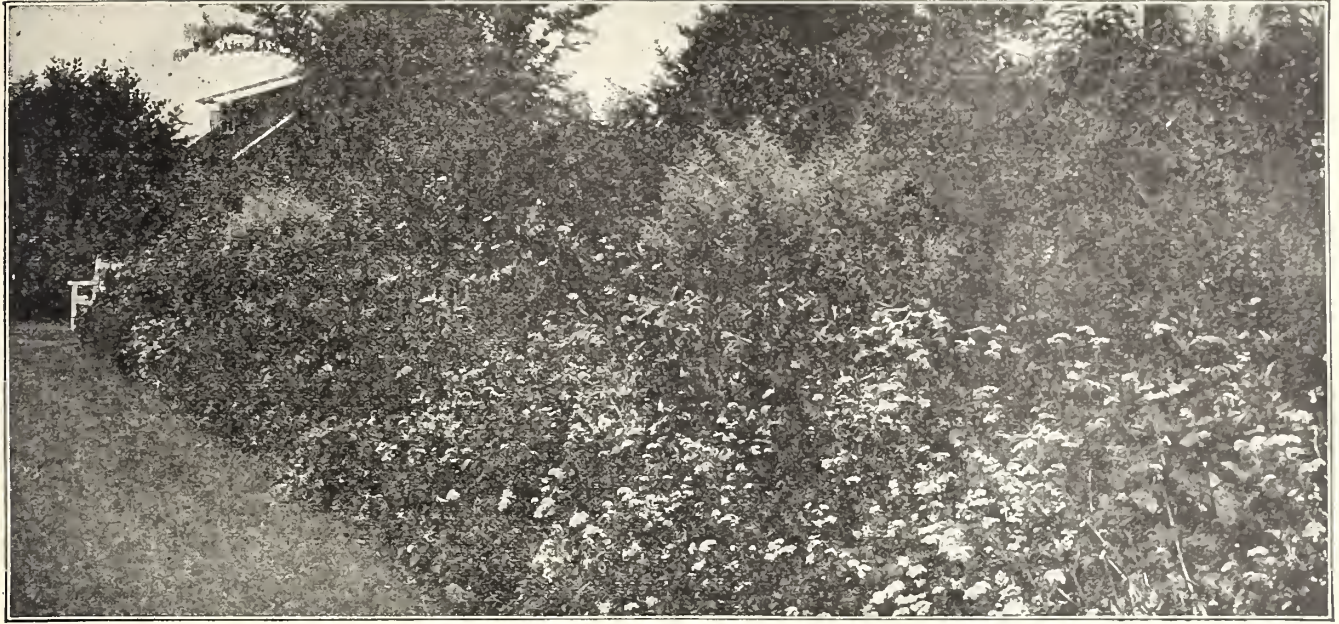
Y. filamentosa. Immense clusters of creamy flowers. 4 to 5 feet. June and July. Price: 35c each, \$3.00 for ten.

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.



A Charming Hardy Perennial Garden



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, \$3.50; 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.

Karl Mercer. Pure yellow, slightly tinged orange; green foliage. 4 feet.

King Humbert. Orange-scarlet, bronze foliage. 5 feet.

Maros. Creamy white; green foliage. 3½ feet.

Mrs. Pierre S. Du Pont. Vivid watermelon pink, the best of all pink varieties; green foliage. 4 feet.

Nokomis. Crimson-carmine; bronze foliage. 4 feet.

The President. Enormous glowing scarlet flowers; green foliage. 4 feet.

Victory. Apricot-buff and salmon; green foliage. 3 feet.

Wintzer's Colossal. Immense flowers of vivid scarlet; green foliage. 5 feet.

CARNATION

Marguerite. Finest mixed. For twelve, \$2.00; for 100, \$15.00.

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.



Ageratum



Aster



Calendula



Cosmos

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.

COBAEA—CUP-AND-SAUCE 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.

Dr. Ross. Leaves crimson edged with green. *Golden Bedder*. Fine yellow.
Queen Victoria. Crimson, golden edge. *Verschaffelti*. The popular crimson.

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.
Beaute Poitevine (Semi-double). Light salmon-pink. A great favorite.
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 DRUMMONDII

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.



Marigold



Pansy



Salvia



Verbena

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

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 **⊛** 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 Astrachan.** 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 hardiest 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.

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.

- ⊛**McIntosh Red.** One of the best of the Autumn varieties. Skin dark waxy red; flesh white, crisp, and spicy. October to December.
- ⊛**Northern Spy.** Vigorous growth, large, striped red, tender, juicy; a fine dessert fruit. Ripens December to June.
- Rhode Island Greening.** Vigorous growth, large, green, fine grained. Ripens December to April.
- Roxbury Russet.** Free growth, medium, greenish, late keeper. Ripens December to June.
- Spitzenburg.** Large, round, brilliant red, with gray dots, firm, rich, crisp, juicy, and delicious. Tree rather a slow grower, but with high culture becomes large and spreading; a good bearer. Ripens December to April.
- Tolman's Sweet.** Free growth, medium, yellow, firm, rich, sweet. Ripens November to April.
- Wagener.** Vigorous growth, medium to large, yellow and crimson, juicy. Ripens December to March.
- Wealthy.** Free growth, medium, dark red, juicy. Ripens December to February.
- ⊛**Winesap.** Moderate growth, large, deep red, firm. Ripens December to May.
- Winter Banana.** Fruit large, clear pale yellow, with pink blush. Ripens November to April.

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.



Apple—McIntosh Red

Not less than five of one variety sold at the 10 rate, 25 at the 100 rate

CHERRIES

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 BIGARREAU

- 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 valuable of sour Cherries.
- 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 Eearly.
- 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.



Peach—Rochester

- Oldmixon Free.** Large; greenish white and red; juicy and rich. Ripens middle of September.
- Rochester.** A yellow freestone variety ripening about August 10. Fruit is large, sweet, and of delicious flavor. Skin blush.

PEARS

Price except as noted: 5 to 7 ft. \$1.25 each, \$11.00 for ten. The varieties marked ☼ can be supplied also in Dwarf trees budded on Quince stocks at the same price.

SUMMER

- ☼**Bartlett.** Vigorous growth, large, yellow and red, juicy, buttery, with a rich, musky flavor. Ripens September.
- ☼**Clapp's Favorite.** Vigorous growth, very large and handsome, yellow and crimson, melting, buttery. Ripens August.
- Wilder.** This Pear ripens in August and is a liberal cropper, bearing fruit shortly after transplanting. Skin bright yellow, flesh rich creamy color and virtually coreless. Very juicy.

AUTUMN

- Beurre Bosc.** Moderate growth, large, russet, buttery, rich, high-flavored. Ripens September and October. Price: \$1.50 each.
- ☼**Flemish Beauty.** Vigorous growth, large, yellow and russet, juicy, melting, sweet. Ripens September and October.
- Louise Bonne de Jersey.** Vigorous growth, large, yellow and red. Ripens September and October.
- ☼**Seckel.** Moderate growth, medium, brown, juicy, of the highest flavor. Ripens September and October.
- Sheldon.** Vigorous growth, large, russet. Ripens October.
- Vermont Beauty.** A very brilliant-colored skin and most beautiful when ripened. It matures a little later than the Seckel, and has qualities which render it valuable as a shipping Pear. Flesh rich, aromatic, and juicy. The tree is strong in habit and is well adapted to the coldest climates.

WINTER

- ☼**Beurre d'Anjou.** Vigorous growth, very large, greenish yellow, keeps into mid-Winter, and is the most valuable of all Winter Pears. Ripens November and December.
- Lawrence.** Moderate growth, medium to large, golden yellow; a valuable Winter Pear. Ripens November and December.

Not less than five of one variety sold at the 10 rate, 25 at the 100 rate



Grapes

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 over-spread 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.

Satsuma (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 two or three 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.

St. Regis. Everbearing. Red. Good quality.



Raspberry



Strawberry

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.

Marshall. Midseason. Enormous in size, a glossy dark crimson color, and of delicious flavor.

Senator Dunlap. Early midseason. Dark red berries of medium size. The flesh is red all through, and exceedingly juicy.

William Belt. Late. Of large size and good quality. A continuous cropper. Deep red, following Marshall.

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 dyers, 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%				
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 Lōma — the scientific plant food. Lōma is rich in potash, phosphate and nitrates—just the food elements your lawn or garden needs. Lōma 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. Lōma 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.

A 1-lb. package for House Plants 25c.

5-lb. package	\$0.50	50 lb. bag	\$3.25
10-lb. " .....	.85	100-lb. "	6.00
25-lb. "	1.75	(Never sold in bulk)	

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.

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 or over to 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.

5 lbs., 40c; 50-lb. bags, \$2.00; 100-lb. bags, \$3.25; Per ton, \$55.00.

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.

POWNAW 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.

Prices 5 lbs., 25c; 10 lbs., 40c; 25 lb. bags, 60c; 50 lb. bags, 85c; 100-lb. bags, \$1.50; per ton, \$18.00.

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., \$2.35; 25 lbs., \$5.50; 50 lbs., \$10.00.

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.

BRECK'S MARKET GARDEN MANURE

4-8-7

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.



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

Agrico for the Aroostook Potato Grower.....	6	8	7	\$3.00	\$54.00
Agrico for Truck Farmers and Market Gardeners.....	5	10	5	2.75	50.00
Agrico for Corn.....	3	10	6	2.50	45.00
Grass and Lawn Top Dressing.....	6	6	4	3.00	50.00
Bradley's Blood, Bone and Potash.....	5	8	7	3.00	52.00
Bradley's Complete Manure for Potatoes and Vegetables.....	4	8	7	3.00	50.00
Bradley's Complete Manure 10% Potash.....	4	6	10	3.25	52.00
Bradley's Matchless Mixture.....	2	8	2	2.10	40.00

All in 100-lb. bags F. O. B. Boston. Special delivered prices quoted on 15-ton lots (a car load).

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, 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.

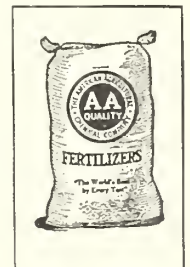
Box of 30 Tablets, 25c; 75, 50c; 200, \$1.00; 1,000, \$3.50.

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.



HUBBARD MANURES

(The manufacture of the Mapes Manures having been discontinued we offer and recommend to our customers the Hubbard's Bone Base Brands of Fertilizer, which have been sold throughout New England since 1878, 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%	Potash Actual from Sulphate	5 to 6%

Recommended for all vegetables. Directions: Be sure this fertilizer is well scattered and thoroughly mixed with the soil so that it will not come in direct contact with the seed. Use 1000 lbs. and upwards per acre. Per 100 lbs. \$3.50; per ton \$62.00.

HUBBARD'S BONE BASE SOLUBLE CORN MANURE

GUARANTEED ANALYSIS:

Ammonia	3 to 4%	Total Phos. Acid.....	10 to 11%
Available Phosphoric Acid	8 to 9%	Potash Actual	6 to 7%

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 1000 lbs. per acre. Per 100 lbs. \$2.60; per ton \$50.00.

HUBBARD'S BONE BASE OATS AND TOP DRESSING

GUARANTEED ANALYSIS:

Ammonia	10 to 11%	Total Phos. Acid.....	8 to 9%
Available Phosphoric Acid	3 to 4%	Potash Actual	8 to 9%

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.....	12 to 13%
Available Phosphoric Acid	5 to 6%	Potash Actual	6 to 7%

Recommended also for all seeding down purposes, whether hay lands or lawns and landscaping, also when setting strawberries, 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, rainbow assortment. Pkg. 15c. In bulk, lb. 20c; 100-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, \$30.00.

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 maturity 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 (18.5% Ammo.) Standard Grade. 5 lbs. 40c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00; ton, \$73.00.
- Plain Superphosphate or acid phosphate (16%). 5 lbs., 25c; 25 lbs., 65c; 50 lbs., \$1.00; 100 lbs., \$1.50; ton, \$25.00.
- Sulphate of Potash (High-grade actual Potash 48%). 5 lbs., 40c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.25; ton, \$77.00.
- Muriate of Potash (50% K2O). 5 lbs., 40c; 25 lbs., \$1.25; 50 lbs., \$2.10; 100 lbs., \$3.50; ton, \$64.00.
- Sulphate of Ammonia (25% Ammo.). Powdered, 5 lbs., 40c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00; 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% Ammo.). Per 100 lbs., \$6.00.
- Wood Ashes, Canadian. Averaging approximately 3% actual potash. Per 100 lb. bag, \$2.75; per ton, \$50.00.

ADCO

For making Artificial Manure. Dry leaves, mixed with Adco and kept moist, turn into excellent manure. So do flower stalks, cuttings, pea vines, and almost any other kind of non-woody vegetable waste. Adco 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 decays 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.

INSECTICIDES & FUNGICIDES

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, Potato Blight.

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 bottle45
 Antrol syrup, pints95
 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.

¼-pt. cans Each \$.35 1-qt. cans Each \$1.00
 ½-pt. cans Each .40 1-gal. cans Each 3.00
 1-pt. cans Each .65

ARSENATE OF LEAD—"Corona Dry" A pure Arsenate of Lead

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 weight 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 packagesEach \$0.25
 4 lb. packages.....Each .60
 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.

2-lb. bags Each \$0.44 50-lb. bagsEach \$9.50
 10-lb. bagsEach 2.10 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 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 quartEach \$0.45 5 gallon cans Per Gal. \$0.85
 1 gallonEach 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.

Ants: Place pinch in nest opening sufficient to close.
 Moles: Blow dust in runway with duster.
 Rats: Plug all holes except one and blow in dust with duster.
 Woodchucks: Place heaping tablespoon in closed burrow. Dust only, in ½-lb. tins 45c; 1-lb. tins 75c.

PRICES OF G-FUMIGANT AND A-DUST
 5 lb. tinsEach \$3.00 100 lb. drums...Each \$30.00
 25 lb. tins Each 10.00

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 gallonsEach \$0.50
 Large package, makes 100 gallonsEach 2.00

EVERGREEN Kills cutworms. Non-poisonous. Will not burn or injure the tenderest crop. Does not injure the soil in any way. Will not gum sprayers. Pleasant and easy to use. No unpleasant odor. When undiluted Evergreen retains its strength indefinitely.



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.

FUNGTROGEN 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 Fungtrogen 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. can11.50

"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.

NIKOTEEN 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.

NU-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 jarsEach \$0.50 25-lb. cansEach \$6.25
 5-lb. cansEach 1.75 50-lb. cansEach 10.75
 10-lb. cansEach 3.00 100-lb. cansEach 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: ¼-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 infected as you do not have to handle dead rats to bury them when killed with Rat Corn. Start to use Rat Corn now before it is too late. Sold in \$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 mixes instantly with cold water and stays mixed. Spray thoroughly or not at all, using finest nozzle. Fogging is better than drenching. Full directions for use accompany each package.

Quart cans.....Each \$0.70 30-gal. cans....Each \$24.50
1-gal. cans.....Each 1.60 50-gal. cans....Each 34.00
5-gal. cans.....Each 6.00

SEMESAN 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 and Bayer Uspulun.



2 oz.\$0.50 5 lbs.\$13.00
1 lb. 2.75 25 lbs. 56.25

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 drill. 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



SEMESAN JR. Semesan Jr. is especially effective in controlling seed-borne infections without harming the seed embryo in the least. Its use protects the seed from rotting in the ground and makes possible earlier planting which generally results in increased yields. Improved germination, better stands, control of certain diseases, increased yields are the benefits which thousands of farmers are reaping, at a cost of less than 3c an acre. Succeeds the products sold as Du Pont Semesan Jr. and Bayer Dust. 4 oz. \$0.50 1 lb. \$1.75 5 lbs. \$8.00



SEMESAN BEL. Simply mix, dip, drain, dry and your seed potatoes are ready for planting. Semesan Bel may be used on either whole or cut seed pieces. Semesan Bel effectively controls such seed-borne disease organisms as scabs, rhizoctonia and black-leg. By controlling these diseases, germination is generally increased, stand improved and the resultant crop bigger and of better quality. One pound treats 16 to 20 bushels of seed. Du Bay Semesan succeeds the product sold as Du Pont Semesan Bel and Bayer Dipdust.

4 oz.\$0.50 5 lbs.\$8.00
1 lb. 1.75 25 lbs.31.25

Semesan cannot be sent by mail according to United States postal regulations.



SHEEP DIP—MacDougall'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. boxesEach \$0.25 10-lb. packages Each \$1.25
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. carton95 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. Unsurpassed for rose bushes. For domestic purposes it is valuable as an exterminator of Moths, Cockroaches, Carpet Bugs, and is a superior wash for dogs and all other animals. 3-oz. cake\$0.10 8-oz. cake\$0.25

SOAP SPRAY—"Imp." A soap solution containing no mineral poison. Effective against aphid, 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.



Imp. Soap Spray

SULFOCID 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, aphid, 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

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 10-lb. cansEach \$5.25
5-lb. cans.....Each 2.75 25-lb. cansEach 11.00

TEROGEN Autumn-Winter Ground Dressing. Tero-gen destroys the spores of fungi of most diseases that have fallen to the ground, as well as the larvæ of most insects, including the rose pith borers, rose bugs, aphids and most beetles.

Pound\$0.75 Ten pounds\$4.75
Two pounds 1.25 Twenty-five pounds...11.00
Five pounds 2.75 One hundred pounds ..40.00

TOBACCO DUST—"Gold Leaf" A high-grade Tobacco 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% Nicotene 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.

Sprayers and Dusters for applying all kinds of Insecticides and Fungicides will be found on pages 171 and 181.

VERMINE Destroys white grub, cut and eel worms, slugs, maggots, root lice and ants. For green-houses, gardens, lawns, tennis courts, and golf greens.

¼-pt. cans\$0.25 1-qt. cans\$1.00
½-pt. cans......40 1-gal. cans 3.00
1-pt. cans......65

VOLCK One of the most powerful insecticides known; effective on practically all insects on ornamental and flowering plants, especially against Red Spider, Cyclamen Mite, Aphis, and Scale. Volck is odorless, colorless, and non-poisonous. The most tender foliage is safe where Volck is used. Full directions for use accompany each shipment; must not be used in combination with sulphur spray compounds.



Half pint Cans\$0.35
Pint Cans 0.60
Quart Cans 1.00
Gallon Cans 3.00 14 Gallon Drums.... \$25.00
5 Gallon Cans.....12.00 28 Gallon Drums.... 40.00

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; ½ gal. \$5.50; gal. \$10.50.

Tree Healing Paint, Carbolineum, Creosote Mixture, Pine Tree Tar and Grafting Wax are listed on page 170.

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 ready for use at any time; keeps indefinitely in the can, always ready for use. Small Duster Size 50c; Large Duster Size, containing about 3½-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

HERBICIDE

A powerful chemical solution for destroying undesirable vegetation of all kinds.

Dilution: 1 gallon of Herbicide to 40 gallons of water. It is recommended for roadways, paths, gutters, and tennis-courts.

1-gallon can. Each \$1.75 50-gallon barrels. Each \$45.00
1 quart. Each .60 30-gallon drums. Each 30.00
5-gallon can. Each 7.50

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.

SPRAYING CALENDAR

This Calendar, based upon the recommendations of Agricultural Colleges and Experiment Stations, gives condensed directions for combatting 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 Fungeous 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.

Evergreens such as Arborvitae, Mugho Pines and Spruces are often infested with Scale, Mites and Gall Lice. They should be sprayed in early Spring with Sunoco, Sealecide or Volek.

Cutworms 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 combatted by spreading Cyanogas G in furrows and covering with soil. This must be done before seed is sown. Use 1 lb. to each 100 ft. of furrow.

For Ants in the garden, blow Cyanogas G into the tunnels. In the house use Antrol.

FOR ORCHARD FRUITS, SMALL FRUITS AND BERRIES

Plant	Enemy	Material	Amount	When Applied	Remarks
Apple	Scale, Plant Lice European Red Mite Apple Scab	Sunoco or Sealecide	1 Gal. in 15 Gals. Water	While Buds are Dormant	Do not use Oil Sprays in Freezing Weather
		Dry Lime Sulfur or Sulfocide	Per Directions On Package	When Buds Show Pink Just After Petals Fall—3 weeks after Petals fall.	Can be mixed with Lead Arsenate or Black Leaf "40" if necessary for combination spray, when Lead Arsenate and Lime Sulfur are mixed, add ½ lb. Calcium Caseinate
	Codling Moth	Lead Arsenate	1½ lb. (Dry) in 50 Gals. Water 3 lbs. (Paste) in 50 Gals.	Just after Petals fall—3 weeks later	Calyx or Petal fall Spray Most important
	Plum Curculio	Lead Arsenate	2 lbs. (Dry) in 50 Gals. Water 4 lbs. (Paste) in 50 Gals.	7 to 10 days after Petals fall— 3 Weeks after Petals fall	Picking up Drops, Summer Cultivating and burying leaves and brush in Spring aid in control
	Apple Maggot (Rail- road Worm) Plant Lice	Lead Arsenate Black Leaf "40" or Evergreen	1-1½ lb. (Dry) in 50 Gals. Water ½ Pint in 50 Gals. Water	July 1-10 about Aug. 1 (On Very Susceptible varieties Add to other Sprays or whenever Insects abundant)	Pick up and destroy Windfalls at Harvest Fish Oil Soap 4 lb. in 50 Gals. of Spray greatly increases effectiveness
Pear	Psylla Eggs, Nymphs & Adults	Dry Lime Sulfur Black Leaf "40"	12-14 lbs. in 50 Gals. Water ½ Pint in 50 Gals. Water	As Blossom Buds are separating in cluster Just after Petals fall—Repeat when necessary	Volek—3 parts in 100 parts water is also effective Volek—1 part in 100 parts water is also effective Flemish Beauty variety should be carefully sprayed for Scab
	Scale, Scab and Codling Moth	Same as for Apple			
Grape	Black Rot, Anthracnose and Downy Mildew	Dry Bordeaux Mixture	8 lbs. in 50 Gals. Water	When Shoots are 8-12" long—Just after Blossoms fall—2 weeks later —2 weeks later	Dry Bordeaux Mixture and Lead Arsenate can be mixed
	Flea Beetle, Plume Moth	Lead Arsenate	1½ lbs. in 50 Gals. Water	Just after Blossoms fall—2 wks. later	
	Berry Moth, Root Worm	Lead Arsenate	1½ lbs. in 50 Gals. Water	Just after Blossoms fall	
	Leaf Hopper Rose Cbafer	Evergreen or Black Leaf "40" Evergreen	½ pint in 50 Gals. Water Per directions on package	When Insects appear When Insects appear	Evergreen is also effective Handpicking is helpful

FOR VEGETABLES

Asparagus	Common Beetle 12 Spotted Beetle	Lead Arsenate with Calcium Caseinate Sticker	1 lb. in 50 Gals. Water ½ lb. to 50 gals. spray	Or young beds and after cutting season when insects appear, usually 3 times during season	On cutting Beds, spray with Evergreen and leave Trap plants which can be sprayed with Lead Arsenate
Broccoli	Plant Lice Club Root Cabbage Maggot	Black Leaf "40" Plus Soap Lime Corrosive Sublimate	½ Pint and 4 lb. Soap in 50 Gals. Water 100 bushels per acre 1 oz. in 10 Gals. Water	When Insects appear In Fall and worked into soil 3 times at weekly intervals beginning 1 week after transplanting. Apply ½ cup per plant When Insects appear Several applications will be necessary	Corrosive Sublimate Corrodes Metal, use in wooden or crockery containers Use Hellebore or Evergreen, when Heads are well formed
Cabbage Cauliflower	Green Cabbage Worms and Loopers	Lead Arsenate with Calcium Caseinate Sticker	1 lb. in 50 Gals. Water ½ lb. in 50 Gals. Spray	When Insects appear	
Cucumber, Melon Pumpkin, Squash	Wilt, Mildew, Scab Striped Beetle Vine Borer	Dry Bordeaux Mixture Lead Arsenate Black Leaf "40"	6 lbs. in 50 Gals. Water 1½ lbs. in 50 Gals. Water 1 pint in 50 Gals. Water	4 or 5 times at 10 day intervals after vines begin to run Add to treatments for Wilt, Mildew and Scab Once a week during July	If Beetles are controlled, there will be little trouble with diseases Combine Lead Arsenate and Bordeaux for all Sprays Kills Eggs on Stems. Cut out Borers when found
Potato	Plant Lice Colorado Beetle, Flea Beetle, Leaf Hopper Early and Late Blight Scab, Black Leg and Rhizoctonia	Same as for Cabbage Lead Arsenate Dry Bordeaux Mixture Semesan Bel	2 lbs. in 50 Gals. Water 3 lbs. in 50 Gals. Water 1 lb. in 10 quarts Water	Combine with Sprays for Blight Begin when Vines are 6 inches tall and keep covered Soak seed for 5 minutes after cutting	Combine Lead Arsenate and Bordeaux Mix- ture in all Sprays for Potato 10 or 12 Applications may be necessary in rainy seasons Follow directions on package carefully
Onion	Maggot Thrips Smut	Volek and Dry Bordeaux Mixture Black Leaf "40" Plus Soap Formaldehyde	Volek 1½ Gals. in 100 Gals. Water Bordeaux 12 lbs. in 100 Gals. Spray B. L. "40" ½ Pint— Soap 2 lbs. in 50 Gals. Water 1 Gal. in 50 Gals. Water	3 times at weekly intervals beginning about June 10 When Insects appear—Repeat when necessary Sprinkle in Furrow when seed is sown	Dissolve Bordeaux in the Diluted Volek Fish Oil Soap is better than other Soaps with Black Leaf "40" About 50 Gals. per acre
Tomato	Blight and Leaf Spot Hornworm and Fruit Worm	Dry Bordeaux Mixture Lead Arsenate	8 lbs. in 50 Gals. Water 2 lbs. in 50 Gals. Water	4 or 5 times at 10 day intervals after transplanting When first fruit sets	Combine with one of Sprays for Blight



Books for better Gardens

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

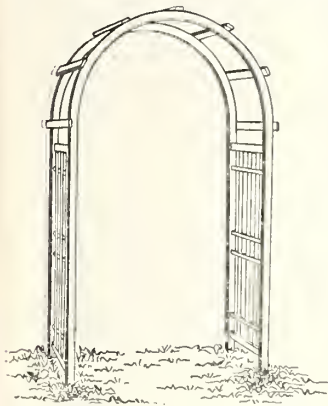
WHAT TO PLANT

HOW TO PLANT

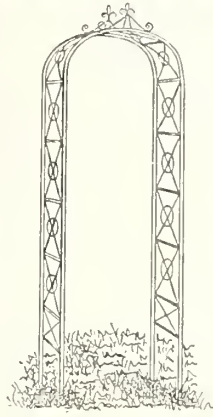
When ordering Books to be sent by mail kindly add postage at the following rates. Books from 50c to \$2.00 add 10c postage; books from \$2.00 to \$5.00 add 15c; books \$5.00 and over 20c.

The Standard Cyclopedia of Horticulture. Edited by Prof. L. H. Bailey. 3 volumes, the set.....	\$25.00	Rock Garden Primer. Thornton.....	\$2.00
Hortus. A concise Dictionary of Gardening and General Horticulture. By L. H. Bailey.....	10.00	American Rock Gardens. Hamblin.....	1.25
Vegetable Gardening. Watts.....	2.50	Rock Garden and Alpine Plants. Henry Correvon....	6.00
Vegetable Forcing. Watts.....	3.00	Water Gardens and Goldfish. Sawyer and Perkins....	1.50
Asparagus. Hexamer.....	1.00	The Book of Water Gardening. Peter Bisset.....	5.00
Cauliflower and Broccoli Culture. Bouquet.....	1.25	Roses. F. F. Rockwell.....	1.00
Muskmelon Production. Lloyd.....	1.25	Roses and Their Culture. Hubbard.....	1.25
Mushroom Growing. Duggar.....	2.00	How to Grow Roses. Pyle, McFarland and Stevens..	2.00
Starting Early Vegetable and Flower Plants Under Glass. Nissley.....	3.00	The Gladiolus. Beal.....	1.25
Gardening Under Glass. Rockwell.....	2.50	Gladiolus. Rockwell.....	1.00
Greenhouses: Their Construction and Equipment. Prof. Wright.....	2.00	Irises. Rockwell.....	1.00
American Greenhouse Construction. Professor Muller	1.50	The Dahlia. L. K. Peacock.....	1.25
Greenhouse Management. Taft.....	2.25	Dahlias. Rockwell.....	1.00
Plant Propagation, Greenhouse and Nursery Practice. Kains.....	2.25	Garden Cinderellas: How to Grow Lilies in the Garden. Fox.....	5.00
Practical Plant Propagation. Prof. Hottes.....	2.00	Garden Lilies. Preston.....	1.25
Commercial Floriculture. Fritz Bahr.....	5.50	The Book of Bulbs. Rockwell.....	3.00
Plant Culture. Oliver and Hottes.....	3.50	Bulbs for American Gardens. John C. Wister.....	6.50
The Nursery Manual. Prof. Bailey.....	2.50	Spring Flowering Bulbs. C. L. Thayer.....	1.25
The Pruning Manual. Prof. Bailey.....	2.50	American Orchid Culture. White.....	4.50
Gardening with Peat Moss. Rockwell.....	1.35	Home Flower Growing. Volz.....	3.50
Lawns. Rockwell.....	1.00	Milady's House Plants. Palmer.....	1.25
The Lawn. L. S. Dickinson.....	1.25	Adventures in Dish Gardening. Patten Beard.....	2.50
Practical Landscape Gardening. Cridland.....	2.50	The Modern Aquarium. Innes.....	1.00
Turf for Golf Courses. Piper and Oakley.....	2.50	Goldfish Varieties and Tropical Aquarium Fishes. Wm. T. Innes.....	4.00
Foundation Planting. Johnson.....	3.50	American Fruits. Fraser.....	4.75
Landscaping the Home Grounds. L. W. Ramsey.....	2.00	The American Apple Orchard. Prof. Waugh.....	1.75
The Cultivated Evergreens. Prof. Bailey.....	3.00	Beginner's Guide to Fruit Growing. Prof. Waugh....	1.25
Hardy Evergreens. Schrepffer.....	1.25	Bush Fruit Production. Van Meter.....	1.25
Evergreens for the Small Place. Rockwell.....	1.00	Grape Culturist. Fuller.....	2.00
The Book of Shrubs. Prof. Hottes.....	3.00	The Strawberry. Fraser.....	1.25
Shrubs. Rockwell.....	1.00	Birds of the Wild. Pellett.....	1.75
Garden Guide.....	1.50	Our Winter Birds. Chapman.....	2.00
1001 Garden Questions Answered. Prof. Hottes.....	2.00	Methods of Attracting Birds. Trafton.....	2.00
Practical Flower Gardening. Cloud.....	2.50	Beginner's Bee Book. Pellett.....	1.50
The Culture of Perennials. Cloud.....	2.50	Canary Birds. Burkett.....	.80
The Book of Perennials. Prof. Hottes.....	1.50	Manual of Cage Birds. Finn.....	.80
The Book of Annuals. Prof. Hottes.....	1.50	Practical Poultry Farming. Hurd.....	3.50
A Little Book of Climbing Plants. Prof. Hottes.....	1.75	Poultry Breeding and Management. Dryden.....	2.00
Around the Year in the Garden. Rockwell.....	2.50	Poultry Feeds and Feeding. Lamon and Lee.....	1.75
Everybody's Garden. F. A. Waugh.....	3.50	Poultry Diseases and Their Remedies. Blair.....	.75
City and Suburban Gardening. Sherlock.....	2.00	How to Select the Laying Hen. Lamon and Kinghorne	1.25
America's Greatest Garden. Wilson.....	3.00	Ducks and Geese. Lamon and Slocum.....	2.00
Aristocrats of the Garden. Wilson.....	5.00	Farmer's Cyclopedia of Agriculture. Wilcox and Smith	4.50
Rock Gardens. Rockwell.....	1.00	Fertilizers for Greenhouse and Garden Crops. Laurie & Edmond.....	2.00
		The Farm and Garden Rule Book. Prof. Bailey.....	3.00
		Handbook of Fertilizers. Gustafson.....	1.25

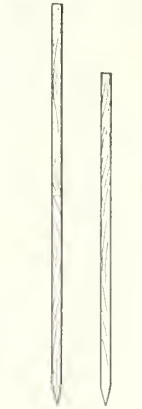
BRECK'S HORTICULTURAL SUNDRIES



Breck's No. 2
Rose Arch



Wire Garden
Arch



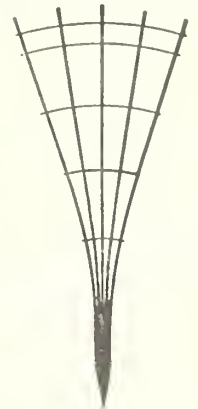
Redwood
Dahlia Stakes



Veranda



Lattice



Fan

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.x18 in.....	\$2.25	\$24.00	10 ft.x18 in.....	\$3.40	\$40.00
7 ft.x18 in.....	2.40	28.00	11 ft.x18 in.....	3.75	44.00
8 ft.x18 in.....	2.75	32.00	12 ft.x18 in.....	4.25	48.00
9 ft.x18 in.....	3.25	36.00			

Bow Trellis

No.	Size	Each	Doz.	No.	Size	Each	Doz.
0 1/2	24x7 1/2 in.		\$7.00	3 1/2	42x14 in.	\$1.75	\$18.00
1	30x10 in.	\$1.00	10.00	4	48x15 in.	2.00	20.00
2	30x14 in.	1.40	14.00	5	60x18 in.	2.25	22.00
3	36x12 in.	1.60	15.00	6	72x20 in.	2.50	24.00

Fan Trellis

Size	Each	Doz.	Size	Each	Doz.
1 1/2 ft.x 7 in.	\$0.30	\$3.50	4 ft.x27 in.	\$1.50	\$17.50
2 ft.x10 in.	.45	5.00	5 ft.x32 in.	1.80	21.00
2 1/2 ft.x13 in.	.60	7.00	6 ft.x38 in.	2.10	25.00
3 ft.x16 in.	.95	11.00	7 ft.x42 in.	2.50	29.50
3 1/2 ft.x21 in.	1.20	14.00	8 ft.x46 in.	2.95	35.00
			10 ft.x72 in.	3.80	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.x1 1/2 ft.	\$2.35	\$28.00
3 ft.x10 in.	.95	11.20	8 ft.x1 1/2 ft.	2.70	32.00
4 ft.x11 in.	1.20	14.40	9 ft.x1 3/4 ft.	3.05	36.00
5 ft.x1 1/2 ft.	1.70	20.00	10 ft.x1 3/4 ft.	3.35	40.00
6 ft.x1 1/2 ft.	2.00	24.00	11 ft.x2 ft.	3.70	44.00
			12 ft.x2 ft.	4.00	48.00

Extra Wide Veranda Trellis

Size	Each	Doz.	Size	Each	Doz.
6 ft.x2 1/3 ft.	\$2.70	\$32.00	10 ft.x2 7/12 ft.	\$4.50	\$53.33
8 ft.x2 1/3 ft.	3.60	42.67	12 ft.x3 ft.	5.35	64.00

WIRE GARDEN ARCHES

(Painted Green)

Whole Height	Width	Span	Each
5 ft.	12 in.	2 1/2 ft.	\$8.50
6 ft.	12 in.	2 1/2 ft.	10.00
8 ft.	18 in.	4 ft.	13.00
8 ft.	36 in.	4 ft.	24.00

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.....	24 in.....	4 ft.....	25.00
3	7 ft. 8 in.....	36 in.....	4 ft.....	30.00

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
1 1/2 ft.....	\$0.25	\$1.65	3 1/2 ft.....	\$1.10	\$8.25
2 ft.....	.35	2.50	4 ft.....	1.35	10.50
2 1/2 ft.....	.45	3.60	5 ft.....	2.25	15.50
3 ft.....	.80	6.50	6 ft.....	2.50	17.00
Extra Heavy			4 ft.....	2.25	15.50
Extra Heavy			5 ft.....	2.50	20.00
Extra Heavy			6 ft.....	3.00	24.00

UNPAINTED HARDWOOD STAKES

Neat, durable, clean; used for carnations, roses, etc.

2 ft.	Per 100	\$0.85	Per 1000	\$7.00
3 ft.	Per 100	.95	Per 1000	8.00
4 ft.	Per 100	1.25	Per 1000	9.00

DAHLIA OR GARDEN STAKES

The most desirable stake on the market for Dahlias, Tomatoes, etc. They are made of California Redwood. Unpainted, smooth finish, 1 1/4" square—will not rot, almost indestructible.

Length	Doz.	Per 100	Length	Doz.	Per 100
5 ft.	\$1.50	\$10.00	6 ft.	\$2.00	\$12.00

GREEN STAINED BAMBOO STAKES

Per 100		Per 1000			
1 1/2 ft.	\$0.75	\$5.00	3 1/2 ft.	\$1.25	\$10.00
2 ft. ....	.85	6.00	4 ft.	1.50	12.00
2 1/2 ft. ....	.90	7.00	5 ft.	2.50	20.00
3 ft.	1.00	9.00	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
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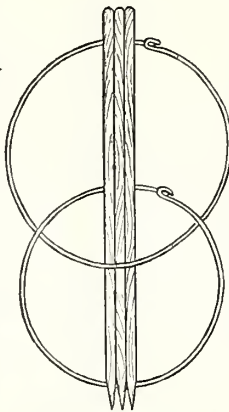
UNPAINTED BAMBOO STAKES

Heavy enough to be used as fishing poles, spray poles or on the golf course.

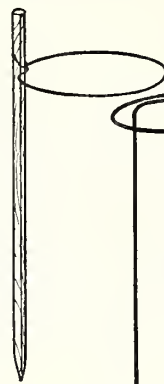
Length	Each	Per 100	Length	Each	Per 100
10 ft.	\$0.12	\$10.00	18 ft.	\$0.30	\$25.00
16 ft. ....	.20	18.00	20 ft. ....	.35	30.00



Growell Pots



Wood and Wire Support



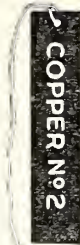
Adjusto Plant Support



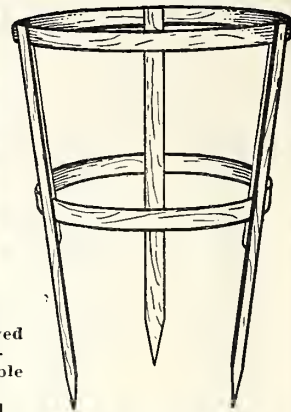
Carnation Support



Simplex Label



Improved Indestructible Tree Label



Two Hoop Wood Support

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, \$22.00.

GALVANIZED WIRE PLANT STAKES

2½ ft. Per 100	\$2.60	4½ ft. Per 100	\$4.50
3 ft. Per 100	3.00	5 ft. Per 100	5.00
3½ ft. Per 100	3.50	6 ft. Per 100	6.00
4 ft. Per 100	4.00		

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 1,000, \$3.00; 18 in. Green, Per 100, 60c; Per 1,000, \$4.80.

WOOD LABELS

For Pots, Garden, and Trees

POT LABELS

Size	Per 100		Per 1000		
	Painted	Plain	Painted	Painted	Plain
4 x 5/8 in.	\$0.30	\$1.80	\$2.20	\$2.75	\$2.20
4½ x 5/8 in.	.35	1.90	2.30	.75	6.40
5 x 5/8 in.	.40	2.00	2.40	.85	7.70
6 x 5/8 in.				.85	7.70
10 x 5/8 in.				.75	6.40
12 x 5/8 in.				.85	7.70

GARDEN SIZES

Size	Per 100		Per 1000		
	Painted	Plain	Painted	Painted	Plain
8x 7/8 in.	\$0.85	\$6.00	\$7.75	1.35	\$12.55
10x 7/8 in.	1.00	8.80	8.80	1.35	\$12.55

WIRED LABELS

Size	Per 100		Per 1000	
	Painted	Plain	Painted	Plain
3½ x 5/8 in. Iron Wire	\$0.25	\$1.90	\$2.45	\$1.90
3½ x 5/8 in. Brass or Copper Wire	.35	2.15	2.70	2.15

Any Size and Style of Wood Labels made to Order

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.

No.	Sizes	Per Doz.	Per 100	No.	Sizes	Per Doz.	Per 100
1	3x½ in.	\$0.45	\$3.00	3	5x1 in.	\$0.95	\$7.00
2	4x¾ in.	.70	5.00				

Special sizes to order.

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.

No. 1.	3½x¾ in.	Per 100,	\$1.65
No. 2.	5x1½ in.	for two lines of writing	Per 100, 2.25

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.

Size	No.	Each	Doz.	100	1000
No. 2 Growell Pots	3	x2¾	\$0.50	\$1.75	\$3.00
No. 3	"	"	3½x3¾	.60	2.00
No. 4	"	"	4 x4	.75	2.50
No. 5	"	"	5 x5	1.00	3.25
No. 6	"	"	6¼x6¼	1.25	4.25
No. 22	"	"	4 x2¾	.80	2.10

FIBRE SAUCERS

Made from indurated wood fibre, mahogany finish, lightweight, but durable being practically waterproof—they prevent moisture from injuring tables, floors and carpets.

Dia.	Depth	Each	Doz.	Dia.	Depth	Each	Doz.
12 in.	5/8 in.	\$1.00	\$11.00	14 in.	5/8 in.	\$1.30	\$15.15

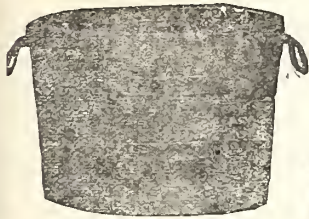
Extra Deep Style

Dia.	Depth	Each	Doz.	Dia.	Depth	Each	Doz.
14 in.	1¼ in.	\$1.85	\$21.00	18 in.	1¼ in.	\$2.60	\$30.00
16 in.	1¼ in.	2.10	24.50				

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.

Dia.	Each	Doz.	Dia.	Each	Doz.
5"	\$0.20	\$2.00	8"	\$0.30	\$3.25
6"	.22	2.40	10"	.65	7.20



Cedar Plant Tub



Oak Jardiniere



Fancy Clay Hanging Pot



Flower Pots



Round Seed Pans

CLAY POTS AND SAUCERS

Inside measurements, width and depth equal
Packing charged extra

HEW'S FLOWER POTS, EARTHEN

Height and diameter are the same

Diameter in inches	Each	Doz.	Per 100	Diameter in inches	Each	Doz.	Per 100
2½	\$0.03	\$0.25	\$1.25	10	\$0.60	\$6.50	\$50.00
3	.04	.35	2.50	12	1.25	13.00	100.00
4	.05	.45	3.75	13	1.30		
5	.09	.85	6.80	14	1.70		
6	.20	1.25	10.00	15	2.65		
7	.18	2.10	17.00	16	3.75		
8	.30	3.25	24.50	18	5.65		
9	.40	4.25	33.00				

ROUND SEED PANS, EARTHEN

Diameter in inches	Each	Doz.	Per 100	Diameter in inches	Each	Doz.	Per 100
6	\$0.12	\$1.30	\$10.00	12	\$1.25	\$14.00	\$104.00
8	.30	3.25	24.50	14	1.75	20.00	
10	.60	6.50	50.00				

SAUCERS, EARTHEN

Diameter in inches	Each	Doz.	Per 100	Diameter in inches	Each	Doz.	Per 100
3	\$0.04	\$0.35	\$2.25	10	.20	2.10	17.00
4	.05	.40	2.80	12	\$0.30	\$3.25	\$25.00
5	.06	.50	3.75	13	.40	4.25	35.00
6	.08	.75	5.00	14	.45	5.00	40.00
7	.10	1.00	7.00	15	.55	6.50	50.00
8	.12	1.30	10.30	16	.85	9.50	75.00
9	.16	1.80	14.00	18	1.10	12.00	95.00

FERN PANS, EARTHEN

Size	Each	Per Doz.	Size	Each	Per Doz.
4 x 1½ in.	\$0.07	\$0.70	7x2¾ in.	\$0.15	\$1.60
4¾x2½ in.	.09	.95	8x3½ in.	.20	2.30
5½x2¾ in.	.12	1.20	9x3¾ in.	.25	2.80
6¼x2½ in.	.14	1.35	10x4 in.	.30	3.15

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.

No.	Top Diam.	Bottom Diam.	Height	Each	Doz.
5	7¾ in.	5½ in.	11 in.	\$0.95	\$10.55
6	7¾ in.	5½ in.	17 in.	1.15	12.15
7	8 in.	6¼ in.	11 in.	1.00	10.65
8	9 in.	7¾ in.	12 in.	1.25	12.40
9	9 in.	9¾ in.	17 in.	1.50	17.40

NEPONSET PAPER POTS

Diameter	Doz.	100	1000	Diameter	Doz.	100	1000
2½ in.	\$0.10	\$0.55	\$3.40	4 in.	\$0.25	\$1.50	\$8.60
2½ in.	.12	.65	3.90	5 in.	.35	2.25	13.40
3 in.	.15	1.10	5.30	6 in.	.45	3.00	17.90
3½ in.	.20	1.25	6.90				

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

Diameter 5 in. bottom	.....	Each, \$0.35	Doz., \$3.00
Diameter 7 in. bottom	.....	Each, .45	Doz., 5.00
Diameter 9 in. bottom	.....	Each, .50	Doz., 5.50

WIRE MOSS BASKETS

Made of heavy wire, green painted. Will last a lifetime.

5 inch	.....	Each, \$0.35	Doz., \$3.00
8 inch	.....	Each, .45	Doz., 5.00
10 inch	.....	Each, .55	Doz., 6.00

ALL BRASS JACK CHAINS FOR HANGING POTS

No. 118, 3 strand	.....	Each, \$0.30	Per doz., \$3.00
No. 119, 4 strand	.....	Each, .35	Per doz., 3.50

FANCY CLAY HANGING POTS

A substantial clay pot with saucer attached. Especially desirable for indoor plants; of pleasing design, and with saucer attached there is little danger of spoiling floors, rugs, etc., while watering plants.

7 inch size	.....	Each, \$0.45	Per doz., \$4.50
8 inch size	.....	Each, .55	Per doz., 5.50
9 inch size	.....	Each, .75	Per doz., 7.00

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.

No.	Top Diam.	Outside Height	Each	No.	Top Diam.	Outside Height	Each
1	28	22	\$16.25	8	16	13	\$3.40
2	26	20	13.60	9	14	12	2.75
3	24	18½	8.55	10	12	9½	2.10
4	22	17	6.90	11	10½	9	1.85
5	20	16	5.80	12	9½	8	1.50
6	18½	15	4.50	13	8	7	1.35
7	17	14	4.00				

OAK JARDINIERS

The oak is selected to show the quartered grain, stained dark and finished with lustre surfacc. The hoops and handles arc of brass, highly polished and lacquered. Inside is painted a rich dark red.

Stock Sizes

No.	Top Diam.	Inside Depth	Each	No.	Top Diam.	Inside Depth	Each
85	8	5¼	\$3.30	119	11	9	\$4.25
88	8	7¾	3.60	1111	11	11	5.00
96	9¼	5¾	3.85	1212	12	12	6.60
99	9¼	9	4.00	1414	14	14	8.45

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.

No.	Top Diam.	Inside Depth	Price Each	No.	Top Diam.	Inside Depth	Price Each
1	6	6	\$0.75	8	13	12	\$1.85
2	7	7	.80	9	14	13	2.10
3	8	8	.85	10	15	14	2.30
4	9	9	.90	11	16	15	2.60
5	10	9	1.00	12	17	16	3.00
6	11	10	1.25	13	18	17	3.60
7	12	11	1.45	14	19	18	4.35

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.

No.	Depth Inside	Diam.	Each	Dozen
0	13½ in.	8¾ in.	\$1.90	\$21.60
1	10 in.	6 in.	1.60	17.00
11	18 in.	6 in.	2.75	30.00
22	15 in.	4½ in.	2.40	26.00
33	12 in.	4¾ in.	1.65	18.00
44	8¾ in.	3½ in.	1.25	12.60

TIN BOUQUET HOLDERS

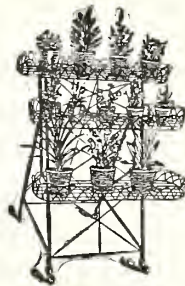
Light weight Green Painted Each \$0.20; doz. \$2.00

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 postpaid.



Folding Wire Plant Stand

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.

No. 22, Single Tray, 10x24 in.	Each	\$2.25
No. 23, Single Tray, 10x33 in.	Each	3.00
No. 20, 2-Wire Trays	Each	4.50
No. 20, 3-Wire Trays	Each	5.65
No. 20, 4-Wire Trays	Each	8.40

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.

No.	Length of Arm	Clasp to hold	Each	Dozen
1	7 in.	5 in. pot	\$0.65	\$7.20
2	8 in.	6 in. pot	.75	8.40
3	10 in.	7 in. pot	.85	10.20

CAST IRON FLOWER POT BRACKETS

Holding Pot and Saucers in sizes up to 7 inches in diameter.
 No. 240 Single Arm. For two pots Each \$0.50 Doz. \$4.50
 No. 200 Double Arm. For two pots Each .65 Doz. 6.00

SOILTEX

A pocket size outfit for testing soils for acidity. The outfit contains full directions for use, color chart, and lime table. Very simple to use. One outfit makes from 75 to 100 tests. It will save fertilizer, time, and the crop if used before applying fertilizers. Price \$1.00 postpaid.

CHARCOAL BRIQUETTES

The Clark Heat Units used for carriage heaters. Packed 12 boxes to a carton. Price, \$1.20 dozen.

CABOT'S BLACK TREE HEALING PAINT

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.



Telescopes to fit any size Window



Flower Pot Bracket

SUN-FLOWER SHELF

A metal, portable shelf, designed to be attached to the inside of an ordinary house window where it is desired to place plants, window boxes, etc. It will fit ordinary house windows ranging in width from 24 to 42 inches from cord to cord, wide enough to make a seven or eight inch ledge, requires no screws or tools to adjust in window, made entirely of metal and is finished in russet bronze color and cream. Price each \$2.50.

TREE TANGLEFOOT

A perfect safeguard for trees, vines, and shrubs against Gypsy, Brown-tail and Tussock Moth, Canker Worm, Cut Worm, Ants, and other creeping insects. Do not heat it but apply it directly from the can.

1-lb. can	Each \$0.60	10-lb. cans	Each \$5.25
5-lb. cans	Each 2.75	25-lb. cans	Each 11.00

TREE BURLAP

For girding trees, 10 inches wide. Per yard, 5c; in 100-yd. lots, 4c per yard. In 40 inch widths, 22c per yd.; per 100 yds. 20c yd.

CORONA TREE WOUND DRESSING

For application to pruning cuts, injuries caused by breaking of branches, rabbits and field mice. Will not kill any live tissue. Can be applied to the tree throughout the year but the best time is early June. Tree Wound Dressing should be applied with a clean paint brush; thin by warming the compound; do not use turpentine. Sold only in gallon cans, price \$2.50 each.

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 bbl.	Per gal. .75

CARBOLINEUM "ARROW BRAND"

Used as a wood preserving paint. Recommended by the Massachusetts Agricultural Station and the United States Department of Agriculture. Per 1 gal. cans, \$2.00; 5 gal. cans, \$7.00; 10 gal. cans, \$12.50.

GRAFTING WAX (Trowbridge's)

The best in the market. This brand should not be confounded with the many cheap makes now offered, that are not possessed of an even consistency and give unsatisfactory results. Put up in 1 lb., ½ lb., and ¼ lb. packages. Pound pkg. 50c; ½ lb. pkg. 30c; ¼ lb. pkg. 20c.

STIMUGERM

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, Alfalfas, etc.

¼ bushel size	35c	Bushel size	\$1.00
½ bushel size	60c	2½ bushel size	2.25

For large size seeds, Soy Beans, Cow Peas, Peas and Beans.

½ bushel size	35c	Bushel size	60c	5 bushel size	\$2.25
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Garden Size for Garden Peas, Beans, and Sweet Peas, 25 cents.

(Postpaid when cash accompanies order)

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.

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.

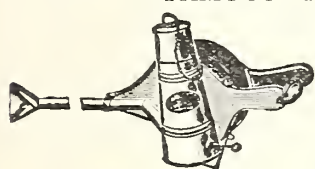
LOWELL POWDER SPRAYER No. 465

A small durable machine for all fine powders. Each \$1.25.

WOODASON POWDER BELLOWES

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 1 1/4 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 1/2 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.	No.
18 1/2 lb. balls. Per ball \$0.20	36 1/2 lb. balls. Per ball \$0.20
24 1/2 lb. balls. Per ball .20	48 1/2 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 1/4 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, Gator Hide Mulch Paper has been successfully used as a Mulch between the rows and around the plants of such crops as Sweet Corn, Beets, Carrots, Tomatoes, Spinach and many other garden vegetables. Type A Paper designed primarily for field culture supplied in rolls of 300 linear yards either 18 inches wide or 36 inches wide. Type B recommended for use on biennial and perennial crops such as Grapes, Currants, Perennial Flowers, Fruit Trees and other Nursery stocks. Supplied in rolls of 150 linear yards: Prices: 18 inch width \$3.50; 36 inch width \$7.00; special garden size, 47 sq. ft., \$1.00. A special catalogue on Mulch Paper supplied on request.

CORRUGATED CUT FLOWER BOXES

Heavy corrugated collapsible boxes in three pieces. Suitable for shipping large quantities of cut flowers by express or parcel post.

Size 30x12x7	Doz. \$6.00	100, \$45.00
Size 36x12x9	Doz. 7.00	100, 50.00

CUT FLOWER BOXES

Collapsible Manila with 2 1/2 in. lap covers.

Size 24"-8"-5"	Doz. \$1.50	100, \$10.00
Size 28"-8"-5"	Doz. 1.75	100, 12.00
Size 30"-8"-5"	Doz. 2.00	100, 14.00
Size 36"-8"-5"	Doz. 2.50	100, 18.00

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.

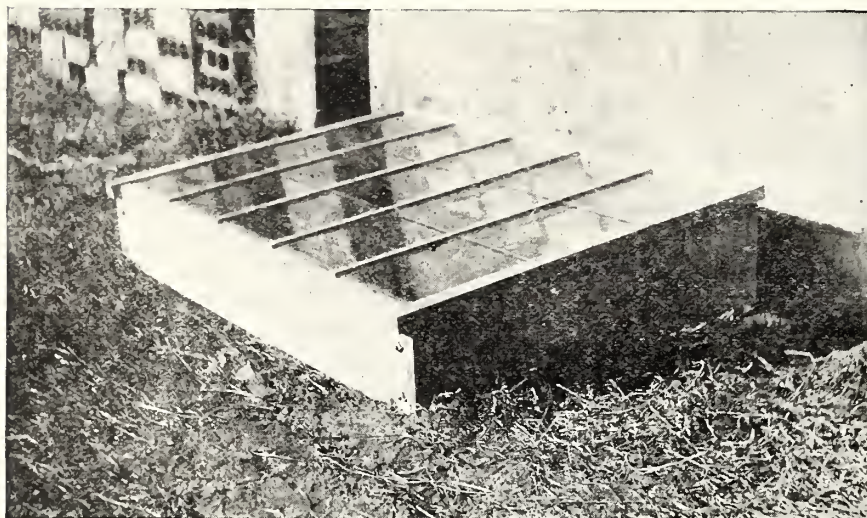
COTTON BATTING

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 GREEN-HOUSE SUPPLIES



Breck's Improved Forcing Frame



Straw Hot-Bed Mat

Hot-Bed Sash

BRECK'S IMPROVED FORCING FRAME

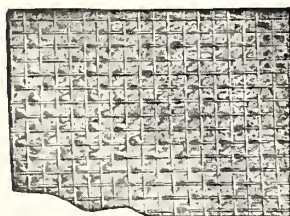
A complete unit with tight-fitting sash, suitable for use as a hot-bed or cold-frame in the starting of early vegetables and flowers. The frame is made in flat sections with corners bolted together, thus being readily stored in a small space when not in use.

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 puttied and painted, 1¾-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 unglazedEach \$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 \$55.00.

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 feetEach \$3.50
Hotbeds, 3x6 feetEach 2.00

Other sizes to order

HOT-BED THERMOMETERS

Registering to 180° and overEach \$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 inchesEach \$0.50 Doz. \$4.00
No. 2 size, 22¾x15 inchesEach .60 Doz. 5.00

PUTTIUM

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.

55 and 35 gallon steel drums Per gal. \$1.50
 5 gallon cans Per gal. 1.70
 1 gallon cans Per gal. 1.75

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 290 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
 Pincers for driving same 85c per pair.

ZINC CITY GREENHOUSE POINT

A heavy zinc Brad, ¼" and ⅞" 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.	10¾ 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 it, "Hotkaps" become individual miniature hothouses. They are reinforced by a strip of heavily waxed paper.

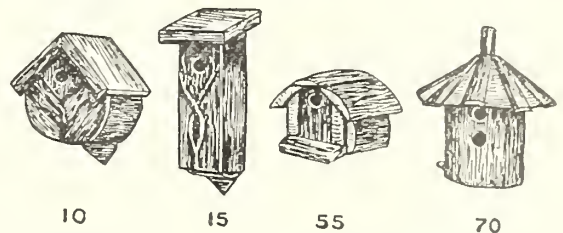
Note. To insure proper ground ventilation, it is important that "Hotkaps" are not set more than from ¼ to ½ inch in ground.

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

No.	Each	No.	Each
10 Wren	\$1.95	5 Marten, 6 Rooms....	\$7.35
75 Robin Shelter	2.65	6 Marten, 10 Rooms....	13.75
40 Wren	1.30	7 Marten, 14 Rooms....	17.90
50 Wren	1.95	30 Small Birds	1.35
15 Blue Bird	1.95	35 Wood Pecker	1.95
55 Blue Bird	1.95	65 Flicker	2.80

No. 70 Swinging.... Each \$2.10

BIRD "FILLING STATIONS"

For Supplying Suet

No. 1 Large	Each \$1.50	No. 2 Small.....	Each \$1.25
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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.

Shears. Grass or Sheep, No. 3075, 7 in.	Each	\$2.25
Shears. Hedge Notched: No. 101 Each 8 in. ... \$4.00 9 in. ... \$4.50 10 in. ... 5.00		
Shears. Grass or Border. Long Handle: No. 104 Each 8 in. ... \$6.00 9 in. ... \$6.50 10 in. ... 7.00		
Shears. Branch or Lopping: No. 109 Each size 2 \$6.50 size 3 \$7.50		
Scythe. Broad English or Lawn	3.25	
Sod Cutter or Turfing Iron, Heart Shaped.....	10.00	
Syringes. English: No. 110 18 in.x1½ in. \$13.00 No. 103 16 in.x1½ in. \$8.50 No. 102 16 in.x1¼ in. 6.75 No. 101 12 in.x1 in. 4.75		
Scuffle Hoes. English or Dutch, with handles: 5 in. \$2.00 7 in. \$2.35 9 in. \$2.60 6 in. 2.25 8 in. 2.45 10 in. 2.75		
Knives. English Grass Edging, with handle	3.00	
Sickles or Grass Hook: Riveted Back No. 2 . \$1.00 Riveted Back No. 4 . \$1.25 Nottingham Bill Hooks	3.50	
Trowels. Garden. No. 3348 6 in. \$1.15 7 in. 1.35		
Trowels. Marples: No. 8150 Short hdl. 60c. No. 8106 Long hdl. 75c		
Forks. Marples: No. 8125 Short hdl. 90c No. 8126 Long hdl. \$1.10		
Forks. English Transplanting	1.25	

BASKETS

STRAWBERRY PICKING BASKETS

No. 2. 6 Boxes	\$0.65
No. 3. 8 Boxes .....	.75

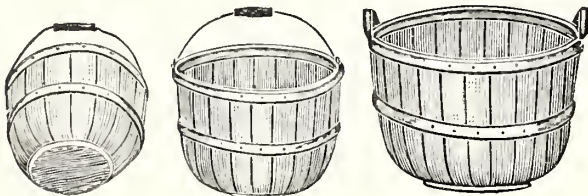
SPECIAL MARKET GARDEN BASKETS

Heavy ½ Bushel drop bail	Each \$1.25
Heavy ½ Bushel stiff bail	1.25
Heavy ¾ bushel stiff bail	1.50

OAK NAILED RIM BASKETS

4 bu. strapped	Each \$3.75	½ bu. stiff bail	Each \$0.80
3 bu. strapped	2.90	¼ bu. stiff bail .....	.70
2 bu. strapped	2.10	½ bu. drop bail .....	.75
1½ bu. strapped	1.80	¼ bu. drop bail .....	.65
1 bu. strapped	1.30		

OXFORD BASKETS



¼ bu. drop bail	Each \$0.65	2 bu.	Each \$1.65
½ bu. drop bail .....	.70	3 bu.	2.30
1 bu.	1.00	4 bu.	2.75
1½ bu.	1.40		

LADDERS



		Extension	
		20 ft.,	\$10.80
		22 ft.,	11.90
		24 ft.,	13.00
		25 ft.,	13.50
Plank		26 ft.,	14.00
10 ft.,	\$3.30	28 ft.,	15.70
11 ft.,	3.65	30 ft.,	16.80
12 ft.,	4.00	32 ft.,	17.90
13 ft.,	4.30	34 ft.,	22.45
14 ft.,	4.90	35 ft.,	23.25
15 ft.,	5.25	36 ft.,	23.75
16 ft.,	5.60	38 ft.,	25.00
17 ft.,	6.15	40 ft.,	26.40
18 ft.,	6.50	42 ft.,	27.75
19 ft.,	6.85	44 ft.,	29.00
20 ft.,	7.25	45 ft.,	36.00
22 ft.,	7.90	46 ft.,	36.80
23 ft.,	9.45	48 ft.,	38.40
24 ft.,	9.85	50 ft.,	40.00
25 ft.,	10.25		

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 Selfast Settee. Very attractive. Low Price. Each, \$4.50.

"KEEP OFF THE GRASS" SIGNS

Hot-Galvanized Iron

No.	Each
70. "Keep off the Grass," Long	\$0.85
74. "Private Grounds" .....	.70

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.**



EXCELSIOR HAND WEEDER



ASPARAGUS KNIFE



FORGED STEEL WEEDER



FRUIT GATHERER



SIMPLEX WEED PULLER



AMERICAN TRANSPLANTING FORK



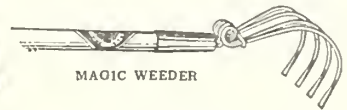
HASELTINE'S HAND WEEDER



SHEEP SHEARS



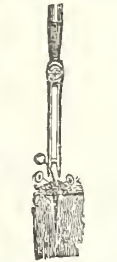
WOOD-HANDLE DIBBLE



MAGIC WEEDER



Flower Gatherer



"OUT-U-KUM" WEED PULLER



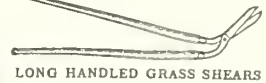
VINE SCISSORS



AMERICAN GARDEN TROWEL



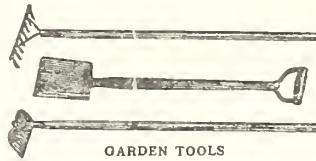
TREE SCRAPER



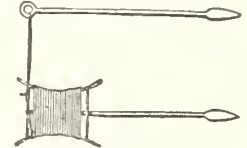
LONG HANDLED GRASS SHEARS



GRASS and HEDGE SHEARS



GARDEN TOOLS



GARDEN LINE REEL

GARDEN TOOLS

AMERICAN GARDEN TROWELS

- No. 211. Forged Steel 7 inch welded shank.....Each \$0.75
- No. 216. Ladies' 6 inch riveted shankEach .15
- No. 217. Transplanting 7 inch solid shankEach .25
- No. 809. All Steel Garden Trowels. Very strong..Each .25

AMERICAN TRANSPLANTING FORKS

- No. 300. Steel, short handlesEach \$0.50

WOOD-HANDLE DIBBLE

- No. 218. Usual size, very usefulEach \$0.75

WEEDERS

- Excelsior Hand Weeder. Malleable iron, tinned..Each \$0.15
- Forged Steel Weeder, Short handleEach .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 handleEach \$0.80
- Magic Weeder No. A. 5¼ in. handle, spring teeth. Each \$0.15
- Cleveland Lawn Weeder. No more broken backs. This little device gets at the root of evil and removes it bodily. Ea. \$1.25
- The Simplex Weeder. Makes life hard for Dandelions, Dock, and other weeds having long tough roots.....Each \$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 BladeEach \$0.40

TREE SCRAPERS

- No. 2. Special Blade, 1/8x5 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 lineEach \$1.00

SAMSON SOLID BRAIDED GARDEN LINES

- 50 feet long..... Each \$0.65 100 feet long..... Each \$1.25

GARDEN LINE REELS

- Malleable Iron, JapannedEach \$1.25

FRUIT GATHERERS

- Wire, without handlesEach \$0.65

LITTLE WONDER HEDGE TRIMMER

- | | | | |
|----------------|---------|-----------------|----------|
| | Each | | 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 | | |

Descriptive circulars mailed on application

LADIES' GARDEN SHEARS

- No. 100. 6 in.Per pair \$1.80

LONG HANDLED GRASS SHEARS

- | | | |
|-------|-----------------------------------|----------|
| No. | | Per pair |
| 104. | Border Shears, 9 in. | \$3.70 |
| 104. | Border Shears, 10 in. | 4.05 |
| 105. | Border Shears, with wheel, 9 in. | 4.15 |
| 105. | Border Shears, with wheel, 10 in. | 4.50 |
| 106. | Lawn Shears, 9 in. | 3.70 |
| 1062. | Lawn Shears, 2 wheels, 10 in. | 4.50 |

GRASS and HEDGE SHEARS

- | | | | |
|----------|-----------------------|----------|--------------------------------|
| | Per pair | | 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

- Doo-Clip. Very practical Per pair \$1.50
- No. 0267. 6 in. Per pair .75
- No. 1360. 5½ in. Per pair .50
- No. 90. Grass Snippers.....Per pair .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
 - Nd. 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.



CLYDE PRUNING SHEARS



CLYDE IMPROVED DRAW CUT PRUNING SHEARS



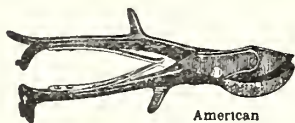
CLYDE "HANDY ANDY" PRUNING SHEAR.



French



GRAFTING CHISEL

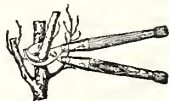


American

PRUNING SHEARS



Standard



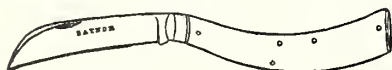
Rhodes' Double Cut



Telephone



TIFFANY TREE PRUNER



Medium Pruning Knife.
No. 187



BUDDING KNIFE
No. 762



THE "McKENNEY" TREE PRUNER

PRUNERS

CLYDE IMPROVED DRAW-CUT PRUNING SHEARS

Solid steel blade and hook. Positive draw-cut. Hand forged.

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 erucible 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

No. 1. Cuts Limbs up to 1 in. in diam., 2 lbs. 23 in.	Each	\$5.00
No. 2. Cuts Limbs up to 1½ in. in diam., 5 lbs. 30 in.	6.00	
Hand size	3.00	

DOUBLE CUT PRUNERS

26, 30 or 36 in. Pruners Per pair \$3.25

STANDARD PRUNERS

Complete With Springs

8 ft.	Each	\$2.00	12 ft.	Each	\$2.45	16 ft.	Each	\$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

No. 11. Adjustable Pole Pruning Saw	Each	\$1.80
No. 10. Forest Pruning Saw	Each	2.25

SINGLE and DOUBLE EDGE PRUNING SAWS

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. Speical	Each	2.25

YORK STATE PRUNING SAW

20 inch Each \$1.75

PRUNING SHEARS

French

7 in., full polished, with Wheel Springs . . .	Per pair	\$2.25
8 in., full polished	Per pair	2.50
9 in., full polished	Per pair	2.75
10 in., full polished	Per pair	3.25

American

No. 30. California Pattern, 2 in.	Per pair	\$1.00
No. 40. Nickel Plated, 9 in.	Per pair	2.00
No. 290. Swiss Double Springs, 9 in.	Per pair	2.60
No. 5945 Tiffany, 8 in.	Per pair	3.00
No. 5945 Tiffany, 9 in.	Per pair	3.25

GRAFTING CHISEL

Made from the finest forged east steel Each \$1.50

PRUNING KNIVES

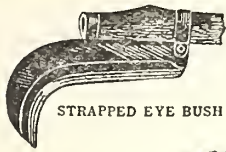
No. 928. Large Stag Handle, No. 190 Pattern	Each	\$2.75
No. A901. Medium Handle, No. 187 Pattern	1.00	
No. 924. Peach Stag Handle, No. 312 Pattern	2.50	

COMBINED BUDDING and PRUNING KNIVES

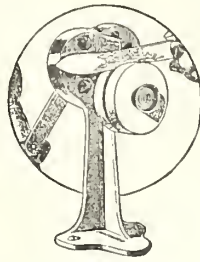
No. 40062. 2 Blade Budding and Pruning Each \$1.35

BUDDING KNIVES

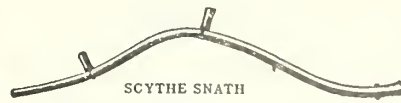
No. 762. Genuine Ivory Handles, Brass Lined with Bolster. Highest grade Budding Knife made.	Each	\$5.50
No. 2852½. Bone Handles	Each	1.25



STRAPPED EYE BUSH HOOK



DAZEY
"SHARPIT" GRINDER



SCYTHE SNATH



Yankee
BRECK'S VICTOR
AXE



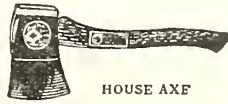
MOLE TRAP



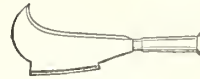
GRINDSTONE



Black Diamond



HOUSE AXE



NOTTINGHAM BILL



GRASS HOOK
No. 70"



BRECK'S
VICTOR SCYTHE

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	Yankee
Wedge	Jersey
Aroostock Wedge	Double Bitt Wedge
	Double Bitt New England

Breck's Victor Axes, Single Bitt, all patterns.....	Each	\$2.00
Handled with extra quality handles.....	Each	2.50
Breck's Victor Axes, Double Bitt.....	Each	2.65
Handled with extra quality handles.....	Each	3.25

BRECK'S VICTOR HOUSE AXES

Victor House Axes, 1 3/4 lbs., 18 inch Handles.....	Each	\$1.65
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BOYS' AXES

Victor Boy Axes, Handled.....	Each	\$1.75
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AXE WEDGES

Used in handling axes in place of wooden wedges; malleable iron or steel.....

NOTTINGHAM BILL HOOKS

Imported best quality steel. Useful for trimming and cutting brush.....

STRAPPED EYE BUSH HOOKS

Medium Bush Hooks, Handled. Best quality cast steel. Bronzed. Cutting edge ground and polished....

SCYTHES

Breck's Victor. English steel. Fully Warranted..	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. Especial 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 stonc. Flat octagon shape. Each.....\$0.20
 Imported English Round. An old well-known stonc. Each.....\$0.40
 English Pattern, Round..... Each 0.30

NOVA SCOTIA MOUNTED GRINDSTONES

Only the most carefully selected Bay de Chalcur Stones are used. Best quality hardwood frames.

Diameter		Thickness of Stone		
		2 in.	3 in.	4 in.
20 inches	.....	Each \$16.00	\$19.00	
22 inches	.....	Each 17.25	20.50	\$24.50
24 inches	.....	Each 18.50	22.50	27.00
26 inches	.....	Each 20.25	25.00	30.25
28 inches	.....	Each 22.00	27.75	33.75
30 inches	.....	Each 23.50	30.75	37.00
32 inches	.....	Each 27.50	34.25	42.00
34 inches	.....	Each 29.00	37.00	46.00
36 inches	.....	Each 31.00	41.00	50.00

DAZEY "SHARPIT" GRINDER

Sharptit 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

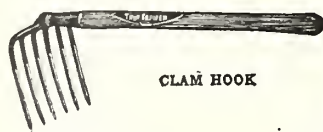
We furnish complete outfits for old or new Barns. If interested send rough sketch giving distance between rafters and number of same; distance from ridgepole to floor and location of drive-ways and bays; also if rope 's to be included. Estimates given and Descriptive circular mailed free of charge.

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
No. 667. 3 bows, 28 teeth.....	Each 1.00

DANDELION RAKE

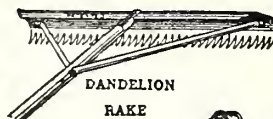
No. D LR. This rake keeps your lawn free from ugly dandelion heads, dead grass, leaves, and sticks, which clutter lawn and keep back the grass. 15 1/2 in. complete with handle, \$1.15.



CLAM HOOK



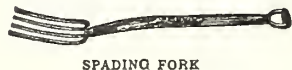
CAST STEEL GARDEN RAKE



DANDELION RAKE



Wire Lawn



SPADING FORK



THREE TINE HAY FORK



MANURE HOOK



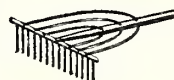
COKE FORK



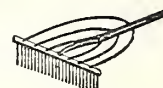
POTATO HOOK



FIVE TINE MANURE FORK



Hay Rake



Lawn Rake

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

3 ft. Handles, Each	\$2.00	4½ ft. Handles, Each	\$2.00
3½ ft. Handles, Each	2.00	5 ft. Handles, Each	2.05
4 ft. Handles, Each	2.00	5½ ft. Handles, Each	2.05

FOUR TINE MANURE FORKS

Handles	4 ft. Mall. D.	Wood D.
Strapped Ferrules	Each \$1.90	\$2.45

FIVE TINE MANURE FORKS

Handles	4 ft. Mall. D.
Strapped Ferrules	Each \$2.20

SIX TINE MANURE FORKS

Handles	4 ft. Mall. D.	Wood D.
Strapped Ferrules	Each \$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

Handles	4 ft. Mall. D.
4 Tine, Heavy	Each \$2.00
4 Tine, Light	Each 1.85
5 Tine, Heavy	Each 2.55

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					
	Shape of Tines	Length of Tines	Width of Fork	Between Tines	Each
Ensilage,	8 Oval	16"			\$3.00
Coke,	8 Diamond	15	12"	1¼	2.65
Coke,	10 Diamond	17	14	1¼	3.20
Coke,	12 Diamond	18	18	1¼	3.75
Tanners,	10 Diamond		10	1	3.50
Tanners,	12 Diamond	13	13	1	4.00
Vegetable,	8 Brd. Oval				2.65
Vegetable,	10 Brd. Oval				3.20

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 1¼ 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

	Wood Bows	Steel Wire Bows
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



AMES SCOOP



MEADOW HOE



ORUB HOE



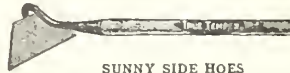
ENGLISH SOD LIFTER



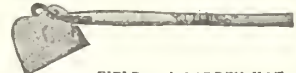
AMES SHOVEL



SCUFFLE HOE



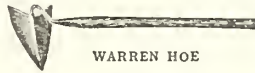
SUNNY SIDE HOES



FIELD and GARDEN HOE



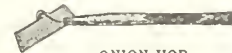
MASS FURNACE SCOOP



WARREN HOE



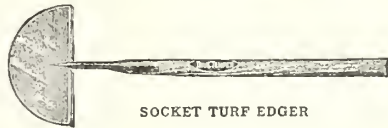
BANTAM SHOVEL



ONION HOE



LADIES' HOE



SOCKET TURF EDGER



AMES NURSERY SPADE



CESSPOOL DIPPER



AMES POST SPOON

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, 7x1 3/4 in. Blade	Each \$1.15
Round Top, 7x3 in. Blade	Each 1.25

SUNNY SIDE HOE

Shank, 7 inch—4 ft. handles	Each \$1.25
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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
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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
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GRUB HOE

No. 2, Painted black. Polished cutter. Best refined iron with steel bits. 4 lbs.	Each \$1.25
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WARREN HOE

Polished Socket	Each \$1.50
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SCUFFLE HOES

	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.
American, handled	Each \$.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 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
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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 Handled and Round Point Shovels and Spades	same prices.

AMES' NURSERY SPADES

Blade 12 1/2 x 7 1/2 x 5 1/2	Each \$4.80
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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	1.90
Long handles same price	

OLIVER AMES and SONS SCOOPS

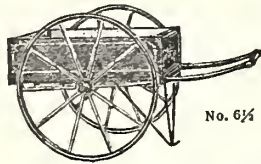
	Each	Each	Each
No. 2.	\$2.00	No. 4. \$2.20	No. 6. \$2.40
No. 3.	2.10	No. 5. 2.30	No. 7. 2.50
No. 6. Breaking Down D handle Diamond Point	2.60		

OLIVER AMES and SONS POST SPOONS

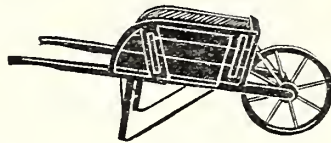
No. 823. 8 ft. handles, size 10x8 1/4	Each 4.00
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CATCH BASIN or CESSPOOL DIPPER

Dippers, galvanized	Each \$4.75
Dippers, galvanized, with handle	Each 5.75



PIONEER PUSH CART



WHEELBARROW



ROOT and BRUSH PULLER



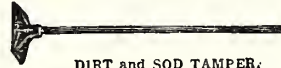
EXTRA HEAVY STONE-BOAT



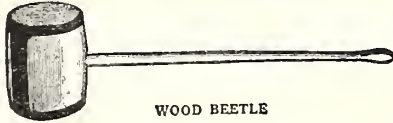
ADZE EYE MATTOCK



ADZE EYE CONTRACTORS PICK



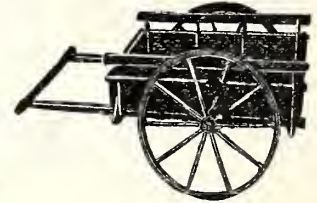
DIRT and SOD TAMPER



WOOD BEETLE



TRENCH RAMMER



COLONIAL LAWN CART

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 .65
No. C E 3 1/2. 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. .14

GRANITE or PLUG DRILLS

Made from the best quality tool steel. Sharpened and ready for use. Tapered, pointed and headed. 3/4 inch, quarter octagon, 18 inches long Each \$1.00

WEDGES and SHIMS—For Splitting Stone

No. 3 or No. 4 1/2. 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

New England pattern. Oil finish. Polished faces. Solid cast steel.

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 3/8, 1/4, 3/8, 1/2, 5/8, 3/4, 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	2.50	2.65	2.65	2.85	3.15	8.50	10.50

Sizes marked * carried in stock

PUSH CARTS

No. 12.	30x20 1/2 x 9 1/2.	26 in. Steel Wheels	Each \$16.00
No. 13.	The same with 14 in. Front Wheels	Each 19.00	
No. 23.	39x20 1/2 x 9 1/2.	26 in. Wheels, 14 in. Front Wheels	20.00
No. 53.	40x26x9 1/2.	30 in. Wheels, 18 in. Front Wheels	23.00
No. 53 has drop end board.			
No. 74.	48x24x11 1/2.	30 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, 54x33 inches; depth, 11 inches; 18 inches to top of side boards. Wheels, 42 inches in diameter; 1 1/2 inch tread; axle 1 1/4 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



Pennant Sprayer



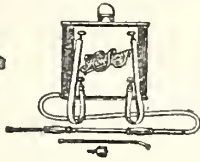
Fig. 1291



Fig. 1317



Fig. 1290



Brown Auto Spray No 5



Fig. 2097



Fig. 1564



R329

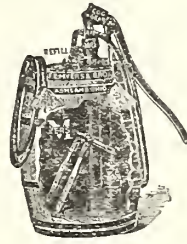


R331

MYERS SPRAY PUMPS



Myers' Portable Sprayer



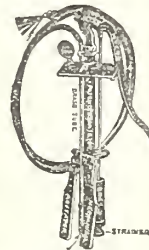
R308



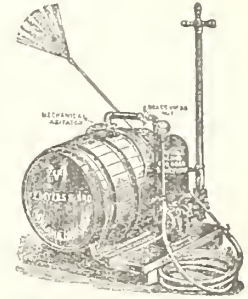
R324



R327 1/2



Myers' Barrel Spray Outfit No. 318B



Complete Spray Outfit No. 316B

MYERS' SPRAY PUMPS

MYERS' SPRAY PUMPS

SPRAY PUMPS

No. R308. Myers' O. K. Spray Pump with mechanical agitator, suction pipe and strainer. Each, \$21.50. Hose and nozzles additional.

No. R324. Myers' Lever Bucket Spray Pump, with agitator, hose, and graduating nozzle. Each, \$6.50.

No. R327 1/2. Myers' Little Giant Brass Spray Pump with agitator. Complete with hose and graduating Vermorel nozzle and malleable foot rest. Each, \$4.30.

No. R329. Myers' General Purpose Sprayer. Each, \$13.00.

No. R331. Myers' Copper Knapsack Sprayer. Each, \$18.00

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. 1/2-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. lead 1/2-in. hose, one nozzle, one 8-ft. pipe extension, lever shut-off and mechanical agitator double-acting pump. Each, \$54.00.

No. R337B Myers' Portable Sprayer. Garden Sprayer Tank holds 12 1/2 gallons. Powerful pump, 15 ft. 1/2-inch hose, nozzle, two 4-ft. pipe extensions, complete. Each, \$26.00.

Myers' Pressed Air Sprayer No. 1297. Galvanized Tank 4 1/2 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.

Brooks' Brass Hand Pump. A low-priced all Brass Pump for poultryman and for whitewashing. Each, \$3.00.

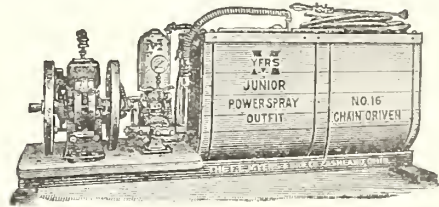
Brown No. 50D Junior Galvanized Compressed Air Sprayer. Capacity 2 1/2 gals. Each, \$5.75.

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.

THE MYERS JUNIOR POWER SPRAY OUTFIT



Engine, 2 H. P. Tank, 100-gallon. Pump, 2"x4". Double Acting, back geared Chain Drive. Hose 50 ft. 1/2" high pressure spray hose and strainer. Nozzle, Myers' Power Spray.

No. 16. Complete Outfit..... Each, \$200.00

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..... 9.75

No. 70G. Fountain Galvanized Compressed Air Sprayer 7.50

No. 80G. Baby Fountain Galvanized Air Sprayer..... 5.00

No. 255. Baby Midget, 1/2 pt. Sprayer..... .30

No. 260. Midget, 1 pt. Sprayer..... .40

No. 235. Ideal Tin, 1 qt. Sprayer..... .50

No. 235B. Ideal Brass, 1 qt. Sprayer..... .75

No. 205. Continuous Tin Sprayer80

No. 205B. Continuous Brass Sprayer 1.20

No. 265. Nu Day Tin, 3/4 pt. Sprayer..... .40

No. 605. Lac-R-Spray Tin Sprayer 1.15

SPRAY NOZZLES

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

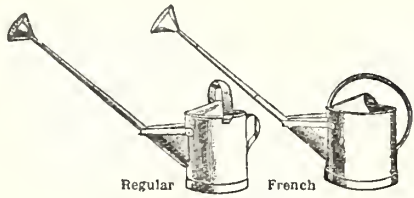
No. 1470. Myers' Way Nozzle Each 1.00

No. 480. 8-ft. Pipe Extensions with Lever... Each 1.75

No. 772. Hose Reducer Each .30

No. 1380. 45-Degree Bend, 1/4 in. Pipe Each .25

Creosote Brushes Each 1.40



WOTHERSPOON'S GALVANIZED WATER POTS



ENGLISH SYRINGE



Perfect Hose Mender



Perfect Hose Coupling



PATENTED
DOUBLE ROTARY SPRINKLER



RING SPRINKLER



Fig. 1



Fig. 2

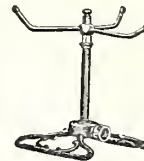


Fig. 3.

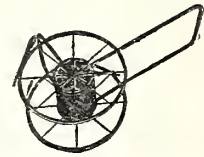
BRECK'S COMBINATION SPRINKLER



NEW BOSTON SPRAY NOZZLE



Czarina



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, 3/4-inch Per ft. \$0.22
 Goodrich Ribbed, 1/2-inch Per ft. .20

SMOOTH RED COVER BRAIDED HOSE

Maxcon (Rob Roy), 5/8-inch Per ft. \$0.14

BLACK RIBBED COVER BRAIDED HOSE

Ribcord, 5/8-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, 3/8-inch Per ft. \$0.18
 Jupiter, 2 braided, 1/2-inch Per ft. .28

HOSE ACCESSORIES

RUBBER HOSE WASHERS

Packed in cartons containing 12 washers. Per carton \$0.10

SIAMESE HOSE CONNECTION

1/2 and 3/4 inch Siamese Connection.....Each \$1.00

BRASS HOSE COUPLINGS

For 1/2, 3/4 or 5/8 inch hosePer set \$0.20

LONG TAILED COUPLINGS FOR SPRAY HOSE

3/8 inch, per set, 50c; 1/2 inch, per set, 50c; 3/4 inch, per set, 80c

CLINCHING HOSE MENDER and COUPLING

Perfect Clinching Couplings, 3/4, 5/8 or 1/2 inch..Per set \$0.25
 Perfect Clinching Hose Menders, 3/4, 5/8 or 1/2 inch..Each .10

ALLEN HOSE CLAMPS—GALVANIZED

For use in attaching couplings, menders, etc.
 Sizes: 3/8, 1/2, 5/8 and 3/4 in.Each \$0.05

COOPER HOSE MENDER

1/2 inch or 3/4 inchEach \$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 3/4 inch hose.

No.	Capacity given for 3/4 inch hose.	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
21.	Park Reel. Heavy capacity, 200 ft.....	18.00
31.	Park Reel. Heavy capacity, 500 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	\$0.75	\$0.85	\$0.95	\$1.05	\$1.30	\$1.50
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.....	Each 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.
French Pattern, Each	.....\$7.25 \$8.00 \$8.50 \$9.50					
			4 qt.	6 qt.	8 qt.	
English Pattern, Each	.....\$9.00 \$10.00 \$11.00					

ENGLISH SYRINGE—ALL BRASS

No. 110.	18x1 1/2 in., fine and coarse rose, 1 jet....	Each \$13.00
No. 103.	16x1 1/2 in., one rose, 1 jet.....	Each 8.50
No. 102.	16x1 1/4 in., one rose, 1 jet.....	Each 6.75
No. 101.	12x1 in., one rose, 1 jet.....	Each 4.75

BARRIE SOAP SPRAYERS

For 3/4 inch or 5/8 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

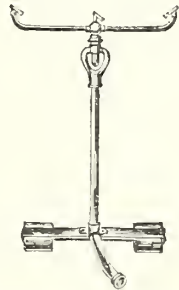
The Double Rotary Sprinkler is a great favorite among the Greenskeepers. Gears are enclosed and run in oil..Each \$12.50

- Rainbow. 2 arm, 8½ inches high.....Each 2.25
- Pluvius. 3 arm, 11 inches high.....Each 1.50
- Yankee. 4 arm, 20½ inches highEach 3.00
- Allen Ring. 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



Standard Rain King



Mammoth Rain King

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 insures 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

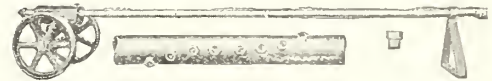
RAIN KING HOSE COUPLER

Very effective. Ask to see itEach \$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 togetherPer section \$15.75

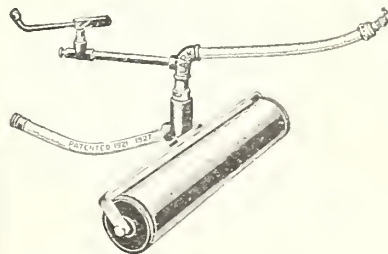
Peacock Junior. Waters 50x10 feet Each \$9.00

Lawn Mist Sectional Sprinkler. Throws a fine mist, otherwise similar to the PeacockPer section \$12.50

Lawn Mist JuniorPer 9½ ft. section 8.75

Border Mist Sprinkler. Throws a fine mist in one direction. Valuable along walks, etc.Each \$12.50

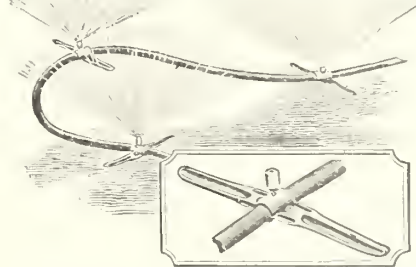
Border Mist Junior. Similar to aboveEach \$8.75



THE LARK SPRINKLER

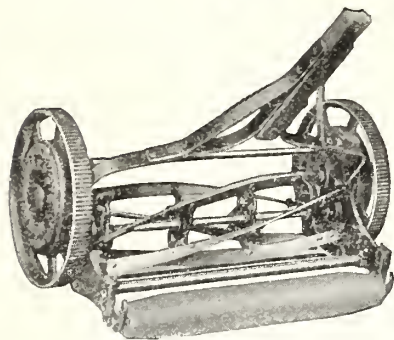
It sprinkles evenly up to 150 feet. A labor saver, the far throw saves frequent setting. Complete with 1 in. or ¾ in. hose connection. Each \$15.00.

MIST-O-SPRAY

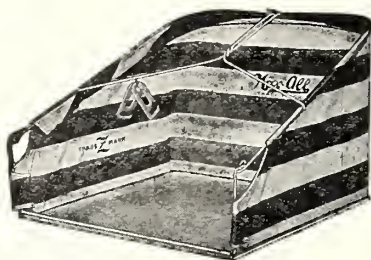


Here, at last, is the perfect sprinkler . . . for lawns, shrubs and flowers . . . simple, practical and inexpensive in both first cost and operation. In action it simulates the gently falling evening dews, providing moisture to thirsty plant life in a manner entirely natural. Complete Outfit, less hose, \$2.95.

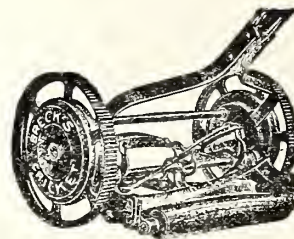
Lawn Mowers and Grass Catchers



Breck's "Master" Mower



Nox-All Grass Catcher



Cricket

BRECK'S "MASTER" MOWER

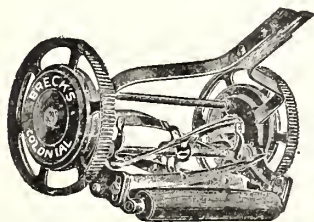
A new and carefully designed mower, using all Roller and Ball Bearings, reducing friction and wear to a minimum. Cuts grass from 7/16 inch to 1 inch. Has 11 inch wheels, 6 1/2 inch reel, 5 steel blades.

	15 in.	17 in.	19 in.	21 in.
Each	\$29.00	\$31.00	\$33.00	\$35.00

BRECK'S LONGWOOD

Fully Guaranteed in every respect. A ball-bearing mower internationally known for its strength, durability, construction, and the fine work it does. Ten-inch drive wheels. Five tempered tool-steel blades on reel. Size of reel, 6 inches.

	15 in.	17 in.	19 in.	21 in.
Each	\$18.00	\$19.00	\$20.00	\$21.00



New Colonial

BRECK'S NEW COLONIAL

Ten-inch wheels, 4-bladed wiper, ball bearings.

15 in.	\$17.00	19 in.	\$19.00
17 in.	18.00	21 in.	20.00

BRECK'S CRICKET

Best low-priced machine made.

Ten inch High Wheels, 4-Blade Wiper, Ball Bearings.

High-Wheel Cricket Mowers

	12 in.	14 in.	16 in.	18 in.
Each	\$10.00	\$10.50	\$11.00	\$11.50

BRECK'S LOW-WHEEL CRICKET

Eight inch Low Wheels, 3-Blade Wiper, Plain Bearings.

	12 in.	14 in.	16 in.	18 in.
Each	\$6.75	\$7.25	\$7.50	\$8.00

BRECK'S FANEUIL

Ten inch Open Wheels, 4 Blades.	14 in.	16 in.	18 in.
Each	\$9.00	\$9.50	\$10.00

NOX-ALL GRASS CATCHER

Furnished in fine quality duck only.

No. 508 H. S. Fits 12 to 16-inch mowers.....	Each \$1.00
No. 509 H. S. Fits 16 to 20-inch mowers.....	Each 1.25

LAWN MOWER OIL. 4-oz. cans.....Each \$0.20

PENNSYLVANIA MOWERS

GREAT AMERICAN MOWER

	15 in.	17 in.	19 in.	21 in.
Each	\$20.00	\$22.50	\$25.00	\$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 1/8 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 \$50.00
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

BRECK'S 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.

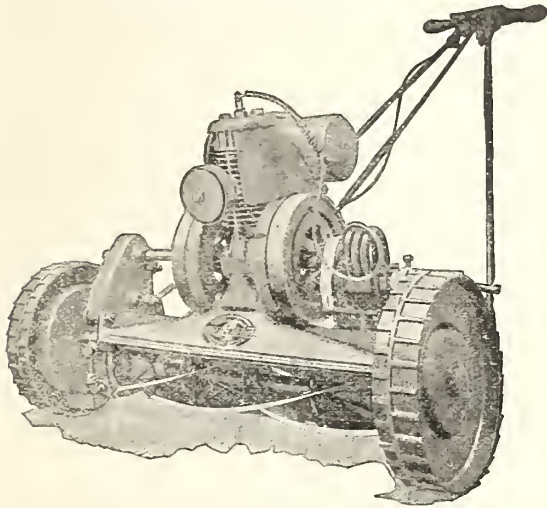
Grownups will appreciate this handy miniature for use on narrow lawn panels. Ideal for the Rock Garden. Mechanically perfect, smooth running, ball bearing; a clean 10 in. cut, finished in attractive gold and blue. Price \$9.50.



Bantam

Power Lawn Mowers and Rollers

JACOBSEN POWER MOWERS



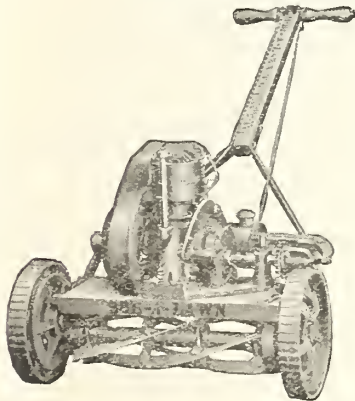
Four-Acre Power Mower

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 210.00
- Grass Catchers, 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. Complete Each 320.00

BOB-A-LAWN POWER MOTOR



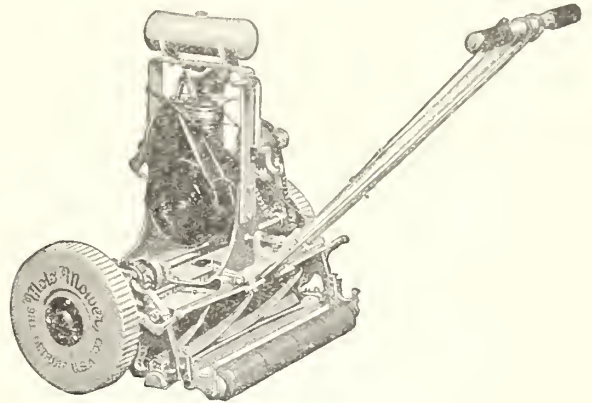
The Bob-A-Lawn combines the advantages of both the power mower and the hand lawn mower without the disadvantages of either. Many power mowers are cumbersome, heavy and expensive; the Bob-A-Lawn is easy to handle, light and most moderately priced. All parts of engine and mower are accessible and easily 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.

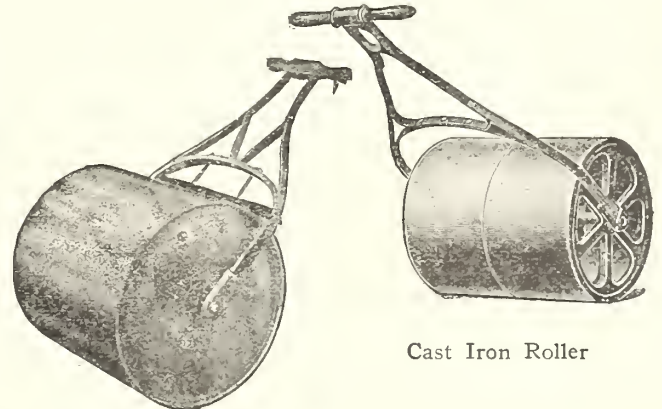
Moderate charges—prompt service

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



Water Ballast Roller

Cast Iron Roller

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 counter-weights.

No.	Roller Bearing and Counter Weights				Each
	Width of Drum	Weight empty	Weight with Water	Weight with Sand	
5	18x24	136	311	311	\$24.50
7	24x24	161	471	471	27.50
9	24x32	181	616	616	30.50
2472	24x70	372	1405	2193	100.00

The above rollers, less counter weights, \$4.50 less.

With Plain Bearings—No Counter Weights

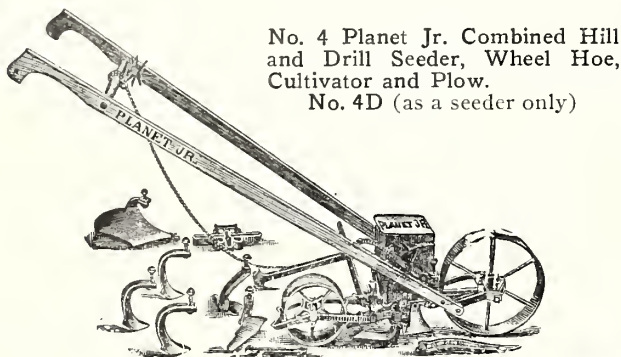
1	14x15	45	115	\$12.00
2	14x24	68	175	13.50
4	18x24	82	265	16.00

We carry a full line of Horse and Lawn Rollers
Description and prices sent on request

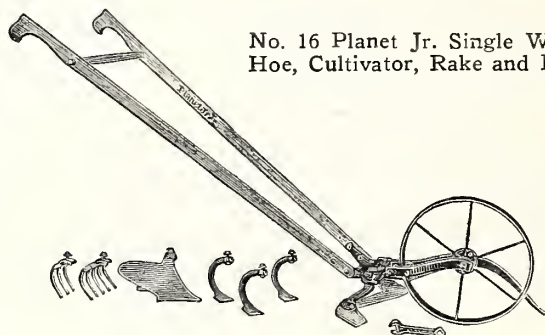
PLANET JR. FARM AND GARDEN TOOLS

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.

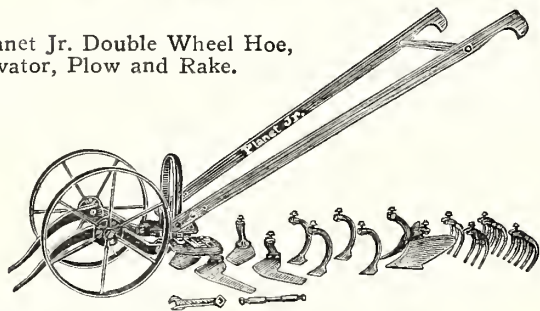


No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.
No. 4D (as a seeder only)



No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

No. 11 Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake.



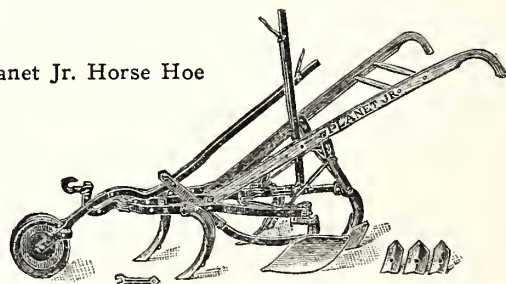
WHEEL HOES, GARDEN PLOWS, ETC.

	Price		Price
No. 11 Double	\$13.75	No. 18 Single	\$5.75
No. 12 "	10.75	No. 19 "	5.75
No. 13 "	8.00	No. 119 "	4.25
No. 16 Single	9.00	7½ inch Star Pulverizer	3.25
No. 17 "	7.75	Fire Fly Plow	4.25
No. 17½ "	6.75	No. 2. Grass Edger	1.60

SEEDERS

No.	Price	No.	Price
No. 3	\$17.50	No. 220	\$27.00
No. 4	18.00	No. 25	21.50
No. 4D, plain	14.25	No. 155-Four row	150.00
No. 5	20.00	No. 230	35.00
No. 300	20.00	No. 235	45.00
No. 157-Two row, New Style	45.00		
No. 35, Seeder Attachment	6.50		

No. 8 Planet Jr. Horse Hoe



HORSE HOES

No.	Price
No. 4, with Wheel	\$12.25
No. 7, with Wheel	15.75
No. 8, with Wheel	16.25
No. 9, with Wheel	14.25
No. 82, with Wheel	15.75

PLAIN CULTIVATORS

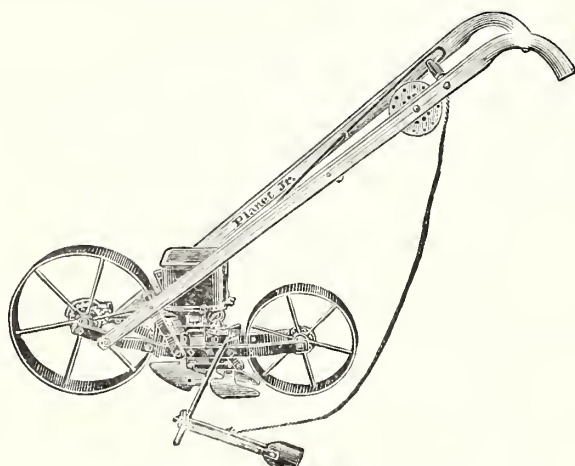
No. 9, with Wheel	\$12.75
No. 83, with Wheel	14.25
No. 101, with Wheel	11.00

HARROWS

No. 90, complete	\$17.00
No. 90B. less Pulverizer	14.00
Double Celery Hiller (New Style No. 3½)	25.00

PIVOT WHEEL CULTIVATORS

No. 72, Pin Break Standards and Regular Bearings complete	\$100.00
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No. 300 Planet, Jr., Seeder, \$20.00

PLOWS

"GENUINE" OLIVER CHILLED PLOWS WOOD BEAM

No.	Description	Furrow Inches	Wheel and Jointer		
			Plain	With Wheel	Or Cutter
A.	Light One-Horse...	4½ x 8	\$10.00	\$11.65	\$15.25
B.	Medium One-Horse...	5 x 10	12.00	13.65	17.25
10.	Heavy One-Horse...	5½ x 11	16.00	17.65	21.25
13.	Very Lt. Two-Horse...	6 x 11	18.00	19.65	23.25
19.	Light Two-Horse...	6½ x 12	19.50	22.00	26.40
20.	Medium Two-Horse...	7 x 13	21.00	23.50	27.90
E.	Heavy Two-Horse...	7 x 14	24.00	26.50	30.90
40.	Heavy 2 or 3-Horse...	9 x 16	24.00	26.50	30.90



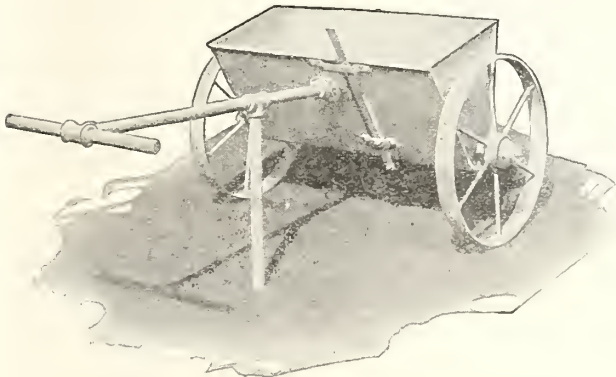
No. 40 Oliver Chilled Plow with Wheel and Jointer

STEEL BEAM

Nos. 82, 83, and 84 are new patterns and intended for general purpose work.

82.	Light Two-Horse...	6½ x 12	\$19.75	\$21.70	\$26.40
83.	Medium Two-Horse...	7 x 14	21.50	23.45	28.15
84.	Heavy Two-Horse...	8 x 16	24.50	26.45	31.15

HOFMANN JR. PLANT FOOD DISTRIBUTOR



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.

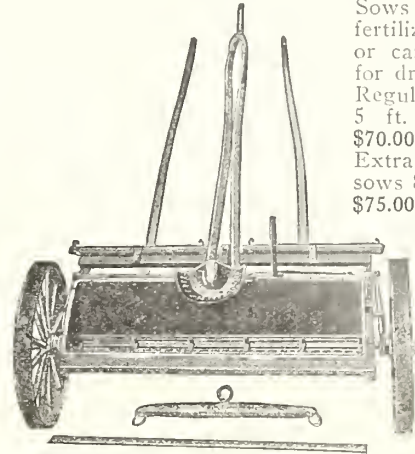
Hofmann Jr. Distributor.....Each \$20.00

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.

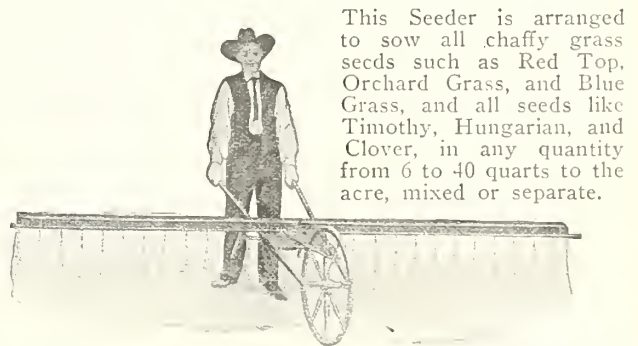
THE STEVENS HAND FERTILIZER-SOWER

(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



This Seeder is arranged to sow all chaffy grass seeds such as Red Top, Orchard Grass, and Blue Grass, and all seeds like Timothy, Hungarian, and Clover, in any quantity from 6 to 40 quarts to the acre, mixed or separate.

No. 5.	Seeder complete with 14 ft. hopper.....	Each \$18.00
No. 4.	Grain Hopper only	Each 12.00

THOMPSON'S "GOLF SPECIAL" SOWER

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 feetEach \$22.00

THOMPSON'S NO. 106 SPECIAL

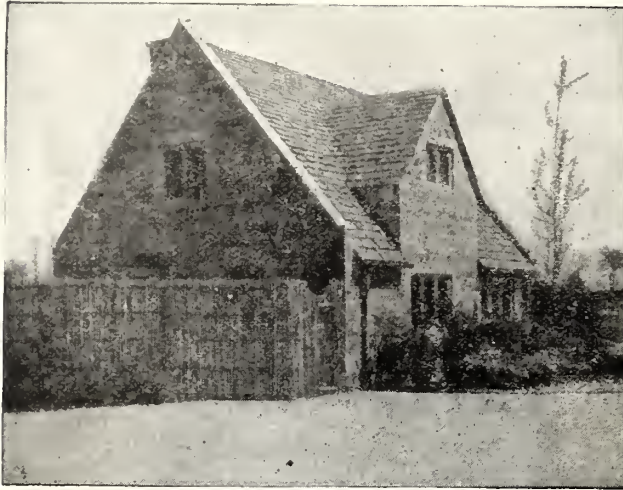
It broadcasts all solid or recleaned seeds such as Red Top, Orchard Grass, clean Blue Grass, as fast as a man will walk. Quickly adjusted for any quantities. The uniform broadcast prevents bunching, loss of seed and uneven turf.

No. 106. Single Hopper, 10 feetEach \$23.00

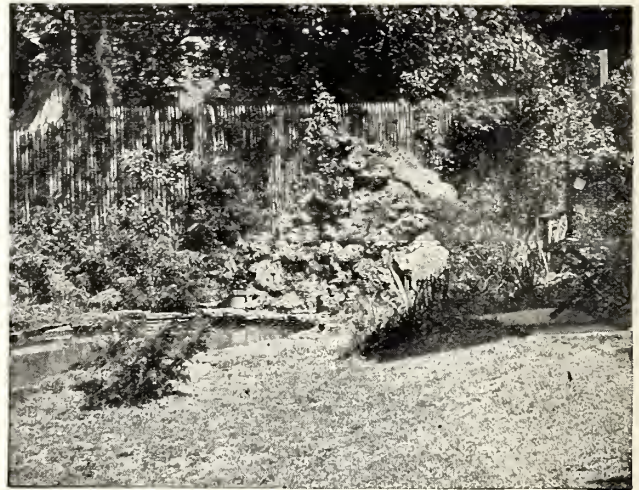
CAHOON'S PATENT BROADCAST SEED SOWER

Sows all kinds of grain and grass seed from 4 to 8 acres per hourEach \$5.00

DUBOIS FENCES



The Garden from Outside



The Garden from Inside

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 Gate

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.

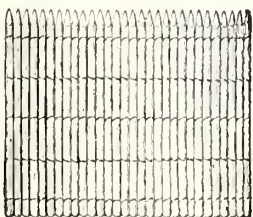
Where complete screening is not required, Cleft serves splendidly and gives the same effect of rustic beauty as Dubois Woven Wood Fence. Where economy is a consideration, it can often be used in combination with the latter, along those boundaries that are away from the road and from gaze of neighbors.

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 $\frac{3}{4}$ 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.

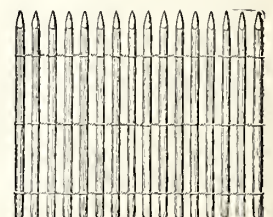


DUBOIS
WOVEN WOOD FENCE

GENUINE DUBOIS IS BRANDED				
Prices Per Lineal Foot				
	18"	3' 10"	4' 11"	6' 6"
Dubois	\$0.75	\$1.45	\$1.65	\$1.95
Cleft .....	.....	.50	.65	.90

All prices F. O. B. Boston, Mass.
Prices of other heights, gates, etc., on application .

Send for a Dubois Catalog



DUBOIS CLEFT
CHESTNUT FENCING

Reeveshire Fences



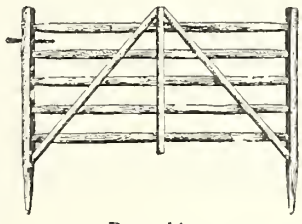
English Type Hurdles

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.



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.



Reeveshire Hurdle Fence

Circulars complete with information, photographs and prices will gladly be sent on request.

ARTCRETE GARDEN FURNITURE



No. 6325—Bird Bath
H. 31", W. 24", B. 10 3/4"

"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.

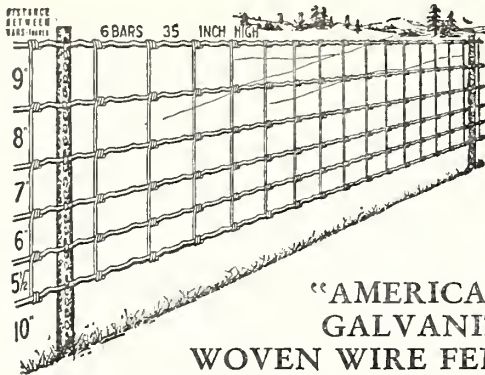


No. C73—Sun Dial Pedestal



No. C74
Gazing Globe Pedestal

WIRE FENCING



**“AMERICAN”
GALVANIZED
WOVEN WIRE FENCE**

FARM FENCE

Prices given per rod (16½ feet)

	Per rod
No. 635. 35 in. 12 in. Stays, Specification No. 11.....	\$0.55
No. 832. 32 in. 6 in. Stays, Specification No. 12½.....	.65
No. 845. 45 in. 12 in. Stays, Specification No. 11.....	.66
No. 1047. 47 in. 12 in. Stays, Specification No. 11.....	.80
No. 1047. 47 in. 6 in. Stays, Specification No. 11.....	1.10
No. 1155. 55 in. 12 in. Stays, Specification No. 11.....	.90

POULTRY FENCE

	Per rod
No. 2158. 58 in. 6 in. Stays, Specification No. 14½.....	.95

GALVANIZED POULTRY NETTING STAPLES

Netting staples in 1 pound packages	Per lb. \$0.15
Netting staples in less than keg lots	Per lb. .11
Netting staples in 100 pound kegs	Per lb. .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 2¾ inches apart at bottom.

36-inch. Style “E1” Fabric	Per foot \$0.18
42-inch. Style “E1” Fabric	Per foot .20
48-inch. Style “E1” Fabric	Per foot .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 .09

IMPERIAL TRELLIS

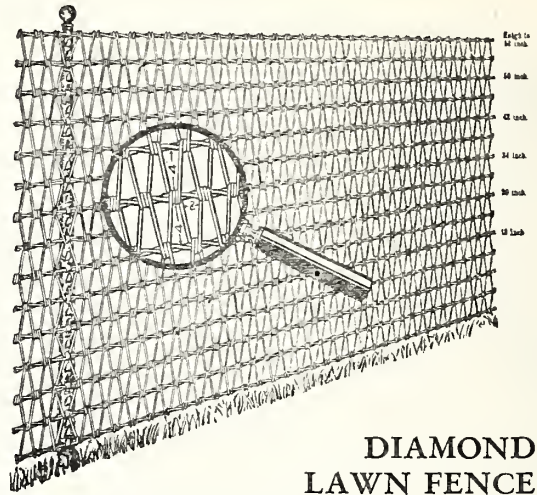
18 inches wide.....	Per foot \$0.10
24 inches wide.....	Per foot .12

Above prices are for full bales. When cut lengths are ordered add 3c 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

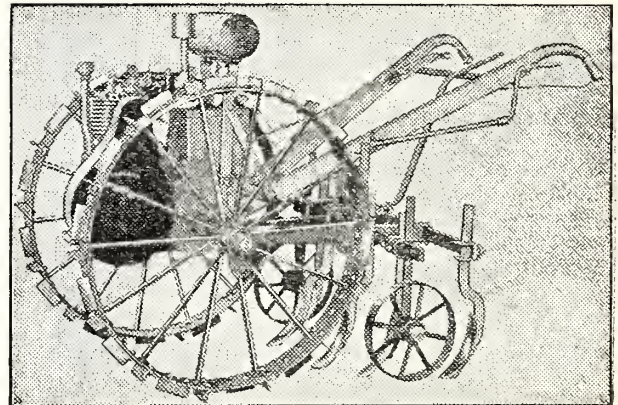
ESTIMATES GIVEN ON COMPLETE FENCE ERECTED



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	All Required
2 Front Tool Posts	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.

**IMPLEMENTS,
TOOLS, HORTICUL-
TURAL SUNDRIES,
FERTILIZERS, IN-
SECTICIDES, BOOKS,
ETC.**

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