

## Rock's Ideal Plant and Shrub Collections

We offer these superb collections merely to acquaint you with the wonderful, high quality of stock which we grow. It is an excellent opportunity also to become familiar with the different varieties of plants in their true types, and again, they are priced at a saving which we believe will be within the limitations of every home-owner.

These prices include express and parcel post to any portion of the United States or possessions.
We will not be able to make exchange of varieties. In case of necessity we reserve the right to make substitutions; however, we will substitute as good if not better variety than the one offered.

## Collection No. 1. \$1.95 Postpaid <br> If bought separately would cost $\$ 3.00$ exclusive of express.

Includes one each of 10 most popular and hardy shrubs: well-branched stock $1 \frac{1}{2}$ to 2 feet in height with exceptionally strong root systems.

Deutzia, Pride of Rochester.
Forsythia, Fortunei (Golden Bell).
Bush Honeysuckle, Morrowii.
Bush Honeysuckle, Tatarica Alba.
Lilac, Vulgaris.
Lilac, Persian Purple.
Spirea, Callosa Rubra.
Spirea, Van Houttei (Bridal Wreath)
Symphoricarpos Racemosus (Snowberry).
Weigela Rosea.

## Vine Collection No.2. \$1.80 Postpaid

If bought separately would cost $\$ 2.30$ exclusive of parcel post.
Includes 6 of the best known hardy climbing Vines in extra large 2-year-old healthy plants.

2 Clematis Paniculata.
2 Boston Ivy.
1 Honeysuckle, Halleana.
1 Honeysuckle, Scarlet Trumpet.

## Perennial Plant Collection No. 3 $\$ \mathbf{2 . 6 0}$ Postpaid

If bought separately would cost $\$ 3.10$ exclusive of express.
12 of the choicest perennial plants, extra large size, field grown.

1 Achillea, The Pearl.
1 Anchusa Italica Dropmore.
1 Aquilegia, Rock's Long Spurred Hybrids.
1 Coreopsis, Lanceolata Grandiflora.
1 Delphinium, Belladonna.
1 Delphinium, Bellamosum.
1 Dianthus or Hardy Pink.
3 Hollyhocks, Red, White and Pink.
1 Shasta Daisy, Alaska.
1 Sweet VVilliam.

> For a More Complete Description of Varieties See'Under the Respective Headings in This Book.

> Take Advantage of These Superb Collections and Get Acquainted with Rock's High Quality Plants

## Hardy Phlox Collection No. 4. $\$ 2.15$ Postpaid

If bought separately would cost $\$ 3.00$ exclusive of parcel post.
One of Rock's leading Specialties, one each of the 12 following varieties in strong 2-year-olf plants.

Albion; white, red eye.
Bridesmaid; white, carmine eye.
Champs Elysee; rich crimson.
Crepuscule; white, purple eye.
Coquelicot; fine scarlet.
Eclaireur; intense carmine.
Jeanne d' Arc; pure white.
La Vague; mauve, red eye.
Peach Blossom; delicate pink.
Mrs. Jenkins; immense white.
Rynstroom: rose-pink.
R. P. Struthers; bright rosy-carmine.

## IRIS Collection No. 5. $\$ 3.25$ Postpaid

If bought separately would cost $\$ 4.15$ exclusive of parcel post.
Another of Rock's leading Specialties. 10 most beautiful Iris in their true colors; one each of the following extra strong plants.

Black Prince; royal purple
Gaprice: reddish purple.
Dorothea; mauve and soft blue.
El Dorado; blue, yellow, violet and bronze.
Fairy; light lavender.
Gertrude; deep violet blue.
Isoline: lilac, lavender and bronze.
Monsignor; lavender, violet and white.
Pare de Neuilly; navy blue.
Sherwin Wright; pure golden yellow.

## Peony Collection No. 6. $\$ 1.75$ Postpaid

If bought separately would cost $\$ 2.45$ exclusive of parcel post.
One each of the following superb Peonies, good strong divisions, 3 to 5 healthy eyes.

Felix Crousse; brilliant red.
Festiva Maxima; pure white.
Madamı Ducel; silvery mauve-rose.

## Peony Collection No. 7. $\$ 2.95$ Postpaid

If bought separately would cost $\$ 3.80$ exclusive of parcel post.
One each of the 6 listed varieties in good strong divisions with 3 to 5 healthy eyes.

Andre Lauries; dark Tyrian rose.
Duchesse de Nemours; sulphur white.
Edulis Superba; mauve-pink.
Festiva; pure white.
Floral Treasure; clear pink.
Queen Victoria; creamy white.

# Rocks Flower Gardens 

SEEDS-PLANTS—BULBS—SHRUBS
INDEPENDENCE, MISSOURI
Spring, 1923.
To Garden Lovers:-
We take this opportunity of extending our deep gratitude to our friends and patrons for the many very kind orders placed with us this past season, and trust that our stock has proven entirely satisfactory in every way.

From the numerous compliments which have been received, we feel indeed grateful, and assure each and every one that our interest in your order does not cease with the sale, but only begins with it.


One of the Large New Seed Germination Testers Used at Rock's Flower Gardens.

We have installed this season one of the largest and most modern Seed Germination Testers in the United States, merely to insure our patrons of only the highest quality of seed. We may add that our standard of germination tests is higher than any seed company in the United States, which in itself is symbolical of the quality of stock which we send out.

We extend a cordial invitation to all of our friends and flower lovers to visit our trial grounds and nursery during the summer months. You are indeed always very welcome.

Yours very truly, ROCK'S FLOWER GARDENS
WLR/LV


## Rock's Quality Vegetable Seed

## ARTICHOKES

1 ounce will sow 100 feet of drill, 6 ounces to the acre.
This vegetable is useful for its scaly flower heads, which are delicious when boiled, the meaty part at the base of each scale being eaten with butter and salt.

CULTURE.-The seed may be sown indoors and transplanted to the garden on approach of warm weather. Plants should be set in rows three reet apart and two feet apart in the row.
GREEN GLOBE FRENCH. Flower heads green, nearly round; scales rather narrow and spiny; plant of medium growth; excellent quality and flavor. Pkt., 20c; oz., 85c; 1/4 lb., \$3.00.

## ASPARAGUS

1 ounce wlil sow 40 feet of drill, 3 pounds to the acre.
This is one of the earliest and most delicious of spring


Conover's Colossal Asparagus. vegetables and should be


Green Globe Artichoke. found in every garden, as it requires very little attention.

CULTURE.--Permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizer. Before planting, pour warm water on the seed and allow it to stand until cool, pour it off and repeat two or three times with fresh warm water. sow in spring in drills about eighteen inches apart and two inches deep, planting flfteen to twenty seeds to each foot of row. When the plants are well up, thin to about one inch apart.
BARR'S MAMMOTH. Very large stocks, nearly an inch in diameter, which retain their thickness nearly to the top; close round heads and few scales. Pkt., 10c; oz., 15c; 1/4 lb., 35c.

CONOVEP'S COLOSSAL. Stalks bright green, often tinged purple at the top: very tender and of fine quality, one of the largest and most popular green varieties. Pkt., 10c; oz., 15c; $1 / 4 \mathrm{lb} ., 35 \mathrm{c}$.

GIANT ARGENTEUIL. The popular variety in the Paris markets. Early, exceedingly large, very productive, good quality. Pkt., 10c; oz., 15c; 1/4 lb., 35c.
PALMETTO. An early prolific sort with thick, dark green shoots, distinctly pointed at the tip, excellent flavor. A popular canning variety. Pkt., 10c; oz., 15c; 1/4 lb., 35c.

## ASPARAGUS ROOTS

Extra strong, 2-year.

|  |  | Per Doz. | Per 100 |
| :--- | :--- | :---: | :---: |
| Barr's Mammoth . . . . . . . . . . . . . . | 50 c | $\$ 2.75$ |  |
| Conover's Colossal . . . . . . . . . . | 50 c | 2.75 |  |
| Giant Argenteuii . . . . . . . . . . . . . | 50 c | 2.75 |  |
| Palmetto . . . . . . . . . . . . . . . . | 50 c | 2.75 |  |

## BEANS dwarf or bush

Pound will plant 50 feet of drill.
Beans are the most nutritious of all vegetalbles and are very easily grown. Extensive planting should be made to provide for the family throughout the summer. A light, rich, well drained loam which was manured for the previous crop is the most desirable. Do not use fresh manure.

CULTURE.-Beans are very sensitive to both cold and wet and it is dangerous to plant them before the ground has become dry and warm. Plant in drills from two to three feet apart, one and one-half to two inches deep and thin the young plants three to six inches apart in the row. If planted in hills, make the hills about two feet apart each way. The plants up to the time of blossoming should have prequent shallow cultivation. For succession, plant at intervals of two weeks until midsummer, or make a careful selection of the varieties, selecting early, medium and late in their succession.

## GREEN PODDED VARIETIES

Rock's Improved Bountiful
Best of the flatpodded strinirless varieties. Pods 6 to 7 inches long, stout, flat and slishtly curved, absolutely stringless, attrastive, and of the flaest quality; color light green. Very early, vigorous, hardy and productive. Both the home and market gardener will find this to be a most excellent variety. Seed from carefully selected stocks. 1/2 lb., 20c; $1 \mathrm{lb} ., 35 \mathrm{c} ; 2 \mathrm{lbs} ., 60 \mathrm{c} ;$ 10 lbs., \$2.50.
BLACK VALENTINE. An excellent early round-podded variety of fine quality; beautiful iarge pods about 5 inches long, nearly straight, fine grained, dark green in color. A very productive and vigorous type. $1 / 2 \mathrm{lb} ., \mathbf{2 0 c} ; 1 \mathrm{lb} .$, 35c; 2 lbs., 60c; 10 lbs., \$2.50.

## Improved Stringless Green Pod

 strictly stringless, tender and brittle; of good quality; early, hardy, vigorous and productive. 1/2 lb., 20c; 1 lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.FORDHOOK FAVORITE. A new, white-seeded bean unexcelled in quality. Pods are $51 / 2$ to 6 inches long, straight, almost round, thick and meaty and showing marked depressions around the beans; strictly stringless and medium green in color; medium early. $1 / 2 \mathrm{lb} ., \mathbf{2 5 c}$; 1 lb., 45c; 2 lbs., 80c; 10 lbs., $\$ 3.50$.


Giant Stringless Green Pod Beans.


Rock's Bountiful Beans.
FULL MEASURE. Pods straight, 6 inches long. very fleshy, round, crease-backed, and showing depressions around the beans. A fine stringless, early, medium green, high quality bean that you should not overlook in ordering. $1 / 2 \mathrm{lb} ., 20 \mathrm{c} ; 1 \mathrm{lb} ., 35 \mathrm{c} ; 2 \mathrm{lbs} .$, 60c; 10 lbs., $\$ 2.50$.
Giant Stringless Green Pod Somewhat similar to Improved Stringless but pod is a little longer, straighter and more slender, more depressed between beans and slightly lighter in colnr; early, hardy, and of highest quality. $1 / 2 \mathrm{lb} ., 20 \mathrm{c} ; 1 \mathrm{lb} ., 35 \mathrm{c} ; 2 \mathrm{lbs} ., 60 \mathrm{c}$; 10 lbs., $\$ 2.50$.

REFUGEE, or THOUSAND TO ONE. Highly esteemed for late planting for snaps, and very extensively used for shipping and pickling. The plants are very large, spreading, exceedingly hardy; pods are about $5 \frac{1}{2}$ inches long, cylindrical, slightly curved, of light green color; immensely productive. $1 / 2$ $\mathrm{lb} ., 20 \mathrm{c} ; 1 \mathrm{lb} ., 35 \mathrm{c} ; 2 \mathrm{lbs}$, 60c; 10 lbs, \$2.50.

## BEANS green podded varieties-continued

IMPROVED EARLY RED VALENTINE. Pods 41122 inches long, round and crease-backed, medium green and of good $1 / 2 \mathrm{lb} ., 20 \mathrm{c} ; \mathrm{lb} ., 35 \mathrm{c} ; 2 \mathrm{lbs} ., 60 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 2.50$.
LONGFELLOW. A very excellent variety of French origin. Moderately early and productive. Pods dark green, $51 / 2$ to $61 / 2$ inches long, very slender, straight'and round; tender, finegrained, attractive and of good quality. Makes an excellent canning sort. $1 / 2 \mathrm{lb} ., 20 \mathrm{c} ; 1 \mathrm{lb} ., 35 \mathrm{c} ; 2 \mathrm{lbs} ., 60 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 2.50$.
LONG YELLOW SIX WEEKS. An old standard sort, slightly flat and light green in color. 1/2 lb., 20c; $1 \mathrm{lb} ., 35 \mathrm{c} ; 2 \mathrm{lbs} ., 60 \mathrm{c}$; 10 lbs., \$2.50.
LOW'S CHAMPION BUSH. A popular variety sometimes called the Red Cranberry. Pods deep green, about 5 inches long, very flat, extremely straight, stringless, tender and of variety. $1 / 2 \mathrm{lb} ., 20 \mathrm{c} ; 1 \mathrm{lb} ., 35 \mathrm{c} ; 2 \mathrm{lbs} ., 60 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 2.50$.
MASTERPIECE (Sutton's). An English variety used quite and is not recommended for garden culture. When grown unlific, early and hardy; pods very dark green, about 7 inches 1 lb. 75c; 2 lbs., \$1.30.


Golden Wax Improved Rust Proof.
quality. A very hardy, early and productive standard sort. fibrous but very vigorous and productive. 5 to 6 inches long, fine quality. Beans deep red. Extensively used as a canning extensively in this country as a forcing sort on private estates, der glass the plants are of robust constitution, unusually prolong, straight, thick, tender and of excellent flavor. $1 / 2 \mathrm{lb} ., 40 \mathrm{c}$;

## DWARF WAX OR YELLOW PODDED

1 pound will plant 50 feet of drill.
New Kidney Wax The best of the wax pod-
ded varieties. Very productive and of highest quality, strictly stringless
 and fiberless, very fleshy and brittle. Pod 6 inches long and of an attractive clear yellow color; midseason. 1/2 lb., 25c; 1 lb., 45c; 2 lbs., 80c; 10 lbs., $\$ 3.50$.

## Golden Wax Improved Rust Proof Immensely productive and

 very reliable, ready for picking 6 weeks after planting; long, straight, fleshy, tender pods, entirely stringless. Plants are upright, healthy, vigorous and bear a heavy crop of beans of the finest quality. Rust-resistant. $1 / 2 \mathrm{lb} ., 20 \mathrm{c} ; 1 \mathrm{lb} ., \mathbf{3 5 c} ; 2 \mathrm{lbs}$. , $60 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 2.50$.Pencil Pod Black Wax Early and very productive. Pods large, $61 / 2$ to 7 inches long, round, straight and creasebacked; strictly stringless, free from fiber, fleshy and brittle; of highest quality; color very clear yellow. Plant growth exceptionally strong and vigorous. The best of the dwarf, black-seeded wax varieties. $1 / 2 \mathrm{lb} .$, 20c; 1 lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.
PEFUGEE WAX (Stringless). Midseason, very hardy, vigorous, and productive. Pods $41 / 2$ to 5 inches long, slender, regularly curved, round, well filled, with no depressions; fleshy, fine grained and excellent quality. Color pale yellow. A popular canning variety. $1 / 2 \mathrm{lb} ., 20 \mathrm{c}$; $1 \mathrm{lb} ., 35 \mathrm{c} ; 2 \mathrm{lbs} ., 60 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 2.50$.
SURE CROP WAX. A selection from Currie's Rust Proof Wax. Black seed. Entirely stringless, hardy, rust-resistant. Pods flat, long and thick. Plant of vigorous growth and very productive. Very desirable. $1 / 2 \mathrm{lb} ., 20 \mathrm{c} ; 1 \mathrm{lb} ., \mathbf{3 5 c}$; 2 lbs., 60c; 10 lbs., \$2.50.
WEBEER WAX (Cracker Jack Wax). A high quality, flat-podded, stringless variety. Pods 6 to $61 / 2$ inches long, quite broad and uniformly curved, fleshy and brittle. Plant vigorous and productive. Color of pod is a decided bright yellow. Seed yellow, kidney shaped. 1/2 lb., 20c; 1 lb., 35c; 2 lbs., 60c; 10 lbs., $\$ 2.50$.



Fordhook Bush Lima.

## DWARF LIMA BAENS

## 1 pound will plant 50 feet of drill.

Fordhook Bush Lima A favorite variety for the home garden. Height, 15 to 20 inches, very prolific, stands stiffly erect and bears well above the ground. Plants are exceptionally strong and vigorous and produce beans 5 inches long of the most delicious flavor. $1 / 2 \mathrm{lb} ., 30 \mathrm{c} ; 1 \mathrm{lb} ., 50 \mathrm{c} ; 2 \mathrm{lbs} ., 90 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 4.00$.
Improved Burpee's $\begin{aligned} & \text { Beans are large, very tender and of exceptional } \\ & \text { quality. Enormously productive }\end{aligned}$ have yielded two hundred pods. A variety that will prove its worth in your garden. $1 / 2 \mathrm{lb} ., \mathbf{3 0 c} ; 1 \mathrm{lb} ., 55 \mathrm{c} ; 2 \mathrm{lbs} ., \$ 1.00 ; 10 \mathrm{lbs} ., \$ 4.50$.
HENDERSON'S BUSH LIMA. Beans are small but a very valuable variety on account of its earliness and wonderful productiveness, continuing to grow until frost. Pods short, flat, and contain three to five beans which are of excellent quality. A popular canning variety. $1 / 2 \mathrm{lb} ., 25 \mathrm{c} ; 1 \mathrm{lb} ., 40 \mathrm{c} ; 2$ lbs., 75c; 10 lbs., \$3.25.

## SHELL BEANS

BOSTON PEA. The commercial Navy Bean or Boston Bean. Fine for baking. Rock's Selected Seed. 1/2 lb., 20c; 1 lb., 30c; $2 \mathrm{lbs} ., 55 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 2.00$.
NEW ROBUST PEA. A new and very desirable shell bean of excellent quality which originated at the Michigan Agricultural Experiment Station. Desirable for its very productive and rust-resistant qualities. $1 / 2 \mathrm{lb} ., \mathbf{2 0 c} ; \mathbf{1}$ lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.
DWARF HORTICULTURAL (Also called Italian Bean). Seeds yellow,
splashed with carmine. Excellent either as snaps in the green state, shelled green or dry. Pods $41 / 2$ to 5 inches long; stout, flat, straight and stringless when young. $1 / 2 \mathrm{lb} ., 25 \mathrm{c} ; 1 \mathrm{lb} ., 40 \mathrm{c} ; 2 \mathrm{lbs} ., 70 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 3.00$.
BROAD WINDSOR. A popular variety, largely planted in England. Larger than the Lima beans, very hardy and excellent quality. Grown entirely as a crop for shelling. The black fly is its greatest enemy, but may be destroyed with an application of tobacco dust. $1 / 2 \mathrm{lb} ., 30 \mathrm{c} ; 1 \mathrm{lb} ., 50 \mathrm{c} ; 2 \mathrm{lbs} ., 90 \mathrm{c}$.

## POLE BEANS <br> 1 pound will plant 50 poles.

Pole beans are even more sensitive to cold and wet, drouth and hot winds than the dwarf varieties, but are of superior quality and productiveness.

CULTURE—After settled warm long in rows four feet apart, the poles being three feet apart in feet row. Around each stake plant flve to seven beans one and onehalf to two inches deep. When well started thin to four plants.
Kentucky Wonder, or Old Homestead
(Rock's Selected Stock.) The most popular, green-podded climbing, or corn-hill bean; early and very productive. Pods 8 to 9 inches long, very slender, decidedly curved, tender and good quality. Rock's stock of this type is of a selected strain. $1 / 2 \mathrm{lb} ., 20 \mathrm{c} ; 1 \mathrm{lb} ., 35 \mathrm{c} ; 2 \mathrm{lbs} .960 \mathrm{c} ; 10$ lbs., \$2.50.
KENTUCKY WONDER WAX. Pods 8 to 9 inches long, thick, decidedly crease-backed, very fleshy, brittle and attractive; color light yellow. One of the earliest of the pole wax sorts. 1/2 lb., 30c; 1 lb., 55c; 2 lbs., $\$ 1.00 ; 10$ lbs., $\$ 4.50$.
BURGER'S GREEN POD, or WHITE KENTUCKY WONDER. A very early, white seeded variety. Pods 6 to 7 inches long, round, slender and straight; very tender, fleshy and stringless; of high quality; color dark green. $1 / 2 \mathrm{lb} ., 30 \mathrm{c} ; 1 \mathrm{lb} ., 55 \mathrm{c} ; 2 \mathrm{lbs} ., \$ 1.00 ; 10 \mathrm{lbs} ., \$ 4.50$.
SCARLET RUNNER. Often used in place of the Limas, also grown for its ornamental, bright scarlet flowers. Seed reddish-brown mottled black. It is a rapid and tall grower. $1 / 2 \mathrm{lb} ., 30 \mathrm{c} ; 1 \mathrm{lb} ., 55 \mathrm{c} ; 2 \mathrm{lbs} .$, \$1.00; $10 \mathrm{lbs}$. , $\$ 4.50$.
WHITE CREASEBACK. Pods 5 to 6 inches long, uniform, round and slender; very fleshy, brittle and fine grained; fair quality; color dark green. Beans small, oblong and white in color. Very hardy, very early and productive. $1 / 2 \mathrm{lb} ., 25 \mathrm{c} ; 1 \mathrm{lb} ., 40 \mathrm{c} ; 2 \mathrm{lbs} ., 75 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 3.25$.


Kentucky Wonder or Old Homestead.

## POLE LIMA BEANS

## 1 pound will plant 40 poles.

Giant Podded Largest of all. In earliness, ease of shelling, size, beauty and quality this variety is unexcelled. Vines vigorous and productive; pods large and filled with Beans of the finest quality. Very desirable for either home or market garden. $1 / 2 \mathrm{lb} ., \mathbf{3 0 c} ; 1$ lb., 55c; 2 lbs., \$1.00; 10 lbs., \$4.50.
EARLY LEVIATHAN. A very early, large-podded variety; the earliest of the Large Lima class. Pods 5 to 6 inches long, containing 5 to 6 large, flat, white beans. Very similar to Giant Podded 1/2 lb., 25c; 1 lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.
CARPINTERIA. Very productive, and the beans, - usually four to the pod, are larger and somewhat thicker than ordinary Limas. Seed retains its distinctively green tinge. A very fine, vigorous, strong growing Lima. $1 / 2 \mathrm{lb} ., 25 \mathrm{c} ; 1 \mathrm{lb} ., 40 \mathrm{c} ; 2$ lbs., 75c; 10 lbs., \$3.50.
FORD'S MAMMOTH PODDED. An exceedingly productive, large seeded, fine quality Lima. Seed Beans are thick, making it an excellent canning variety. $1 / 2 \mathrm{lb} ., 25 \mathrm{c} ; 1 \mathrm{lb} ., 40 \mathrm{c} ; 2 \mathrm{lbs} ., 75 \mathrm{c}$; 10 lbs., \$3.50.

## BEETS

1 ounce will sow 50 feet of drill, 5 to 6 pounds for an acre.
CULTURE.-Soil best suited for beet culture is rather light and thoroughly enriched with manure. For an early supply, sow in spring, as soon as the ground becomes fit to work in drills about 18 inches apart and 1 inch deep. Thin to 3 or 4 inches apart in rows. For main crop, sow the first week in May, and for winter

## use sow in June. <br> Rock's Selected Detroit Dark Red

One of the very best sorts for home or market garden and for canning purposes. Roots uniformly smooth, of medium size and globeshaped; skin dark red, flesh solid vermilion red. Tops are small, upright, dark green, shaded red. Rock's special stock of this variety shows no white zones. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50.



Giant Podded Pole Lima Beans.
COLUMBIA. An excellent early main crop beet. Roots are turnip-shaped, 3 to 4 inches in diameter, smooth and entirely free from rootlets; flesh is deep red, tender and rich in flavor; of fine quality. Pkt., 10c; oz., 15c; $1 / 4 \mathrm{lb} ., 40 \mathrm{c}$; lb., \$1.25.
CROSBY'S EGYPTIAN. A very desirable table beet and extremely early. Tops are small; roots are a flatted globe shape and very smooth. It is an improvernent over the well-known extra early Egyptian, being equally as early but more round in form. Flesh is deep red, sweet and tender. Very desirable for market purposes. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.25.
EARLY WONDER. A very good, deep red beet. Roots are smooth, turnip-shaped, of good quality, tender and sweet. Equally good for home garden or market. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50.
ECLIPSE. Especially desirable for home garden and for bunching. An early variety with small tops and medium sized, round, bright red roots; flesh is bright red, zoned pinkish-white. Pkt., 10c; 0z., 15c ; 1/4 lb., 35c; lb. ,\$1.00.
EDMAND'S BLOOD TURNIP. A very desirable second early market beet. Of round form, very smooth and of good marketable size. An excellent variety for canning purposes. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50.
EXTRA EARLY EGYPTIAN. One of the ear'liest and best varieties for forcing, small tops; roots distinctly flat and moderately thick, very dark red; flesh is dark purplish red, zoned a lighter shade. Pkt., 10c; oz., 15c; 1/4 lb., 35c; lb., \$1.00.

BE SURE TO PLANT SOME BEETS IN YOUR GARDEN.

hocn's rerpectual summer Swiss Chard

## MANGEL WURZEL OR stook

1 ounce will sow 100 feet of drill, 5 pounds to acre.
GIANT SLUDSTRUP. A long, reddish-yellow, ovoid root, growing more than half above ground; easily harvested and by actual test far excels any other variety in weight and feeding qualities. Oz., 10c; 1/4 lb., 25c; lb., 75c.

LONG RED MAMMOTH PRIZE (Norbiton Giant). Attains enormous size, producing thirty to fifty tons to the acre. Roots nearly cylindrical in shape, light red, growing well above ground; flesh white and rose-colored. Oz., 10c; 1/4 lb., 25c; lb., 75c.

## SUGAR BEET

KLEIN WANZLEBEN. This variety is without question the best in cultivation, not the largest in size, but richest in saccharine matter and most productive. Oz., 10c; 1/4 lb., 25c; lb., 75 c .

## BROCCOLI

1 ounce will sow 300 feet of drill.
Closely resembles the cauliflower but is more hardy. Like cauliflower, it succeeds best in deep, rich, moist soil. Seed should be sown at the same time and plants re-


Broccoli, White Cape. ceive the same general culture as cabbage. Five degrees of frost will not injure the plants when they are approaching maturity.
WHITE CAPE. Heads compact, good size and of a creamy white color; one of the most certain to head. Pkt., 10c; oz., 60c; 1/4 lb., \$2.00.

Rock's Perpetual Summer Swiss Chard is wonderful, try it.


## BRUSSELS SPROUTS

1 ounce of seed will sow 300 feet of drill.
A delicious vegetable that is becoming very popular in all large markets. It should be more largely grown in private gardens, as it affords fresh green sprouts in the late fall and winter when other vegetables are gone. It is planted and cultivated as cabbage. The sprouts that grow along the stem are picked off and cooked like cabbage and are very delicately flavored.
Dalkeith
Plant stems 20 inches high and well covered with 2 -inch sprouts: hardy and medium early. Delicious in flavor and exceedingly tender. The most dependable variety for general use. Pkt., 10c; oz., 40c; $1 / 4$ lb., \$1.25.
DANISH PRIZE. Stalks large, thick and close jointed; sprouts set thickly on the stalk; good quality. Pkt., 10 c ; oz., $40 \mathrm{c} ; 1 / 4 \mathrm{lb} ., \$ 1.25$.
PARIS MARKET. Height, 2 feet. Sprouts closely set, $11 / 2$ inches in diameter, firm and well rounded. A choice strain and very productive. Pkt., 10c; oz., 40c; 1/4 lb., \$1.25.


## CABBAGE

1 ounce will sow 300 feet of drill, 4 ounces for an acre.


CULTURE.-Soil for cab- Dalkeith Brussels Sprouts. bage should be a rich, heavy
loam, with grood drainage. For early summer use sow in hotbed in February or March. Before transplanting to the open ground, they should be hardened off by exposing them gradually to the night air. For winter use sow in open ground in May or June, taking care in either case not to let the plants stand too closely, as this makes them "spindly." When 5 to 7 inches high, transplant in rows 2 feet apart one way and 12 to 18 inches the other, according to variety. Dusting with tobacco dust or spraying with whale oil soap solution are good remedies for some of the insect pests attacking these plants.

EXTRA EARLY EXPRESS. One of the earliest cabbages. Hard, pointed heads of good size; not quite as large as Jersey Wakefield but of excellent quality and very hardy. Pkt., 10c; oz., 35c; 1/4 lb., \$1.10.

## Improved Extra Early Jersey

## Wakefield

 This most excellent variety is the earliest and surest heading of the first early cabbages for the market and home garden. Exceedingly hardy, not only resisting cold, but other unfavorable conditions. Heads of medium size, very solid, uniformly pointed and of good quality. Plant Rock's improved strain of this variety. Pkt., 10c; oz., 45c; 1/4 lb., \$1.50.
## Copenhagen Market

 (Danish Grown seed.) Heads are very solid. Growth is compact, there being few outside leaves, so the plants may be set close together. Matures a week earlier than Enkhuizen Glory, and almost as early as Jersey Wakefield. The most remarkable point about this cabbage is its uniformity. All heads mature at the same time. A profitable cabbage to grow for market and an excellent early variety for the home garden. Pkt., 10c; oz., 40c; $1 / 4$ lb., \$1.35.[^0] ROCK'S COUNTRY CLUB MIXTURE.


Improved Extra Early Jersey Wakefield Cabbage.

## CABBAGE-Continued

DANISH BALLHEAD. A second early cabbage of good quality, slightly flat on .top; the outer leaves are inclined to be curly, light green in color, and have a delicate flavor suggestive of Savoy cabbage; the heads are hard, long keepers. This cabbage is gaining a place among the early sorts. Pkt., 10 c ; oz., 40c; 1/4 lb., \$1.35.
DANISH ROUNDHEAD. An earlier shorterstemmed Danish Ballhead Cabbage. The heads are very solid and mature about two weeks before the Ballhead, also averaging a little larger and heavier. The inner leaves are blanched almost pure white, are of sweet flavor, crisp and tender. It is resistant to blight and shows vigorous growth even in the hot summer. Pkt., 10c; 0z., 40c; 1/4 lb., \$1.35.
LATE FLAT DUTCH. An old variety, but still very popular. The heads are large, solid and very weighty and uniform. Used extensively for either market or family: Plants are very hardy; an excellent keeper. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.


PERFECTION DRUMHEAD SAVOY. The best winter keeper of the Savoys; heads late, round, large, with crisp, wrinkled leaves; dark green in color. Pkt., 10c; 0z., 40c; 1/4 lb., \$1.15.

## CHINESE CABBAGE

PE-TSAI. This variety of cabbage is also known as celery cabbage, universally grown in China. It does not head up solid like our cabbage, but makes a loose roll of leaves, tender and white, differs in fiavor from our cabbages. The stems are thick and brittle like celery. It is better blanched by tying up the outside leaves around the plant. It is a delicious vegetable and may be served in salads or boiled like cabbage. Pkt., 10c; oz., 35c; 1/4 lb., \$1.25.
WONG BOK. Heads of this type are broader than the Pe-Tsai and leaves fold tighter, making a more compact plant. The leaves are light green in color with broad white ribs. The entire plant may be blanched pure white by covering with heavy paper or burlap. Pkt., 10c; 0z., 50c; 1/4 lb., \$1.50.

ALL ITEMS OF SEED UNDER TWO LBS. ARE FORWARDED POSTPAID


## CAULIFLOWER

1 ounce of seed will sow 300 feet of drill, 4 ounces to the acre.

CULTURE.-The same as cabbage. If the soil used for Cauliflower is unusually dry, water frequently. plants shonld be vigorous when transplanted in open ground and not later than April. Pin or tie the leaves together as soon as the flower-head begins to torm.

## Extra Selected Early Snowball

Heads very early, of medium size, firm, compact, solid and very white; plant compact in growth with few short, upright leaves. Undoubtedly the finest and most popular early variety. Pkt., 20c; 1/4 oz., \$1.00.

BEST EARLY. One of the best cauliflower for either family or market gardens, either for forcing, cold frame or open ground culture. It heads where others fail. Pkt., 20c; 1/4 oz., \$1.00.

DRY WEATHER (Danish Giant). An excellent variety; especially adapted for growing in dry locations. Heads are large, pure snowy white and of exceptional quality, recommended as a good succession to our Early Dwarf Erfurt. Pkt., 20c; 1/4 oz., \$1.00.

EXTRA SELEGTED EARLY DWARF ERFURT. Almost as early as the Snowball, producing very solid, pure white heads of the very finest quality, seldom fails to form a good sized head. Pkt., 20c; 1/4 oz., \$1.00.

AUTUMN GIANT. A large, vigorous, late variety; heads large, firm, very white and well protected by large, dark green foliage; stem rather long. Not as reliable as the earlier varieties but the best of its kind. Pkt., $10 \mathrm{c} ; 1 / 2$ oz., 50c; 0z., 85c.


Chantenay Half Long Carrots.


Extra Selected Early Snowball Cauliflower.


1 ounce will sow 150 feet of drill, 2 pounds required for an acre.
CULTURE.-Carrots require a very fine, pulverized soil to grow them to perfection. Sow in drills 18 inches apart and cultivate by hand. For early crops, cover $1 / 2$-inch deep and thin to 4 inches apart in the rows. For late crop, cover $3 / 4$ inch deep.
Chantenay Half Long This is one of the best in existence; it matures between $0 x$ Heart and Danvers. About 6 inches long, stump-rooted, very smooth, deep orange, fine grained, sweet; not apt to crack open while growing. An excellent table sort and exceedingly productive; well adapted for winter use. Pkt., 10c; oz., 15c; 1/4 b., 40c.
EARLY FRENCH FORCING. Earliest of all, $21 / 2-$ inches long. Orange-red in color, crisp and almost without a core. Remarkably small top and can be planted very cloce in frame. Does well for early outdoor planting. Pkt., 10c; oz., 20c; 1/4 lb., 55c.
Danvers Half Long Adapted to all soils and enormously productive. Roots 6 to 8 inches long, tapering to a blunt noint; flesh deep nrange, tender and good quality; the best known second early, half-long sort. An exceptionally fine variety for winter storage if sown early in June. Pkt., 10c; oz., 15c; 1/4 lb., 40c.
EARLY SCARLET HORN. Very early, tender small tops; roots about 3 inches long, rather blunt rooted; color orange-red. Pkt., 10c; oz., 15c; 1/4 lb., 40c.
IMPROVED LONG ORANGE. Handsome, smooth roots. An excellent intermediate season, standard sort; root 12 inches long, about 3 inches broad at the crown, tapering regularly to a point; deep orange color. Pkt., 10c; 0z., 15c; $1 / 4 \mathrm{Ib} ., 40 \mathrm{c}$.
OX HEART OR GUERANDE. Especially desirable for soil so hard and stiff that longer-rooted sorts would not thrive in it. The root is short. very thick, and has a small tap root; flesh bright orange; fine-grained and of sweet flavor. $41 / 2$ to 5 inches long. Pkt., 10c; oz., 15c; 1/4 Ib., 40c.
LONG RED ST. VALERY. Intermediate in form between Danvers and Long Orange; roots 10 to 12 inches long, smooth and pointed; color bright red; small tops. Pkt., 10c; oz., 15c; 1/4 lb., 40c.

## CELERY

1 ounce will sow 300 feet of drill, 3 ounces to the acre
CULTURE.-The conditions necessary for successtul Celery cultivation are plenty of manure and complete fertilizers, moisture and cultivation. For early planting sow seed in frames; when three inches high transplant 4 inches apart, water and protect until well rooted, then transplant into rows for garden culture 15 inches apart; set the plants from 8 to 12 inches apart. They may be set either on the surface or in well manured trenches. To blanch, draw earth around the plants, being careful not to cover the tops of the center shoots.

## Rock's Easy Blanching

I t s remarkable combination 0 f easy blanching and long-keeping qualities-not found in any other variety-make it the most valuable of all Celeries, both for an early crop and for winter use. The stalks are very large, thick and solid with shallow ribs and extra large firm hearts. Blanches a pure white. Excellent quality, tender and brittle, with nut-like, aromatic flavor. Pkt., 10c; oz., 65c; 1/4 lb., \$2.25.

## Dwarf Golden Self-Blanching

The finest early celery in cultivation. Plants compact and stocky, with yellowish-green foliage; stalks perfectly solid, of a fine flavor; attains a good size, and when blanched is of a rich golden yellow color. Rock's strain of this variety is unexcelled. Pkt., 10c; oz., 60c; $1 / 4$ lb., \$2.00.
COLUMBIA. A second-early, green Celery of fine quality, very popular with home and market gardeners. Heavy, stocky plant, blanching light golden yellow, crisp and tender. Pkt., 10c; oz., 45c; 1/4 lb., \$1.50.
GIANT PASCAL. A compact, vigorous, productive variety, and one of the best for winter use; leaves upright, short and dark green; stalks short, thick and very broad; blanches a creamy white. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.
IMPROVED WHITE PLUME. A variety especially adapted to cultivation by amateurs as its inner stalks and leaves are naturally white, and do not require blanching by the old process. Pkt., 10c; oz., 35c; 1/4 lb., \$1.20.


Rock's Easy Blanching Celery.


Large Smooth Prague Celeriac

PINK PLUME. Almost identical with white plume, but with stalks richly suffused with pink, making it a very attractive variety. Tender and of delicious flavor. Pkt., 10c; oz., 50c; 1/4 lb., \$1.75.
WINTER KING. A robust, stocky, easily blanched late Celery, with little foliage and large heart. It keeps well in winter and is worthy of first place for a late Celery in your garden. Pkt., 10c; oz., 50c; 1/4 lb., \$1.75.
SOUP CELERY. (Seeds used for Flavoring). Green foliage used for soups. Oz., 10c; $1 / 4 \mathrm{lb} ., 30 \mathrm{c}$.

## CELERTAC OR TURNIP ROOTED

1 ounce will sow 100 feet of drill.
Grown principally for its delicious turnipshaped roots. They may be stored for winter use. Excellent to serve when boiled, a rich celery flavor.

CULTURE.-The seed may be sown in the open ground in April and the young plants nursed in the same way as celery, wut in planting out, the ground is manured and dug, not trenched; plants are set in shallow drills 12 inches apart.
LARGE, SMOOTH PRAGUE. The largest and best variety; turnip-shaped roots, attaining 3 inches in diameter, white-fleshed, comparatively tender, and of the most excellent flavor. Pkt., 10c; oz.s, 30c; 1/4 lb., \$1.00.

## CHERVIL

May be planted any time in the early spring. The leaves should be kept cut to prevent plant from going to seed. Is more finely curled and handsome than parsley and makes an excellent plant for garnishing.
CURLED. A variety with crisp curled leaves, used for flavoring soups and salads. Pkt., 10 c ; 0z., 30c; 1/4 lb., \$1.00.

## CHICORY

## OR FRENCH ENDIVE

The blanched leaves are the edible portion of the plant. They are generally eaten raw with French dressing and are the tenderest and most delicately flavored of all salads.

CULTURE.-The seed is sown in May or June in the open ground in drills 12 to 18 inches apart, and the plants thimed out to 4 inches apart. These should be lifted in fall, the tof, foliage cut off $11 / 2$ inches above the crown; store in sand in a cool place.

After one month plant in a cool cellar or shed in a deep box; set the roots in upright bunches, 2 inches apart each way and so that the crown is just covered. Keep the bed dark.

WITLOOF. The choicest of all, furnishing a delightful salad when other fresh vegetables are not available. Pkt., 10c; oz., 30c $1 / 4 \mathrm{lb} ., \$ 1.00$;


Witloof Chicory.

## COLLARDS

## 1 ounce will sow 300 feet of drill.

MR. CABBAGE: Tve lost my head over you."

MISS BEAN: "Go on, you're stringing me."
--National News.

A plant bearing a large mass of leaves on the top of a stout stalk. It is a species of cabbage; the flavor is the same. Young plants may be started in frames in early spring and the young plants transplanted, allowing plenty of room for each plant. Set 14 to 18 inches apart.
TRUE GEORGIA. 2 to 3 feet in height, forming a cluster of tender un-
dulated leaves at the top of its rather long stem; used as "greens" in
the South and West. Pkt., 10c; oz., 15c; 1/4 lb., 45c.


## SWEET CORN

1 pound will plant 400 feet of row.
CULTURE.-Corn requires a good soil and a warm situation. Commence for first early by planting the early varieties about May 1st, and if a continuous supply is wanted all summer, make plantings about two weeks apart from May 1 st until the last of July, first planting early varieties, then later ones. Plant in rows 2 to 3 feet apart, spacing the kernels 3 to 4 inches apart in the row. Cover about 1 inch deep for early and a little deeper for late.


Golden Bantam Sweet Corn.


Bantam Evergreen Rock's Selected Golden Bantam A deservedly popular corn of extreme hardiness, on account of which it can be planted earlier than other varieties. Golden Bantam has a distinct quality, many prefering it to all other varieties. The stalks grow from $31 / 2$ to 4 feet in height and produce 2 or more good ears, which are 6 to 7 inches long, 8 -rowed and of a bright golden yellow color, exceedingly sweet and quality the best. Pkt., 10c; 1/2 lb., 25c; lb., 40c; $2 \mathrm{lbs.}, \mathrm{70c}$; 10 lbs., \$3.00.
CORY, MAMMOTH WHITE. The earliest and best of all extra early sweet corn. Ears 10 to 12 -rowed, 7 to 8 inches long, fairly sweet, tender and white. Stalks about 4 feet high, usually producing two large handsome ears on each stalk. Pkt., $10 \mathrm{c} ; 1 / 2 \mathrm{lb}$. , 20c; lb., 35c; 2 lbs., 60c; 10 lbs., $\$ 2.50$.
ARISTOGRAT. Following Mammoth Cory in season. A most desirable corn, with exceedingly large ears for an early dwarf sort. Ears 8 inches long, 8 to 10 -rowed, with exceptionally broad grain. The best of the pink or red cob varieties. Very productive. Pkt., 10c; 1/2 lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.

## SECOND EARLY SORTS Bantam Evergreen A cross between Gol-

 den Bantam and Evergreen, combining the delicious sweet flavor of the first named and the evergreen habit of the other parent variety. It is ready for the table about five days after Golden Bantam. Stalks 6 to 7 feet high, bearing two or more ears 8 inches long, covered with 12 to 14 rows of deep grains of bright golden yellow color. The most desirable corn for the family garden. This corn has been pronounced the sweetest grown. Pkt., $10 \mathrm{c} ; 1 / 2 \mathrm{lb} .$, 25 c ; lb., $40 \mathrm{c} ; 2 \mathrm{lbs} ., 70 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 2.75$.BLACK MEXICAN. Exceedingly sweet and of excellent quality, matures medium early, ears of medium size; eight-rowed. To appreciate the full value of this variety pick before kernels turn entirely black. Pkt., 10c; 1/2 lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., $\$ 2.50$.
CROS8Y. An old variety but still very popular; ears 7 inches long, 12-rowed; grains are short and square, very white, sweet and tender; a favorite sort for canning. Pkt., 10c; $1 / 2 \mathrm{lb} ., 20 \mathrm{c} ; \mathrm{lb} ., 35 \mathrm{c} ; 2$ lbs., 60c; 10 lbs ., \$2.50.
GOLDEN CREAM. An excellent corn of the Golden Bantam type and following that popular sort in maturity. Ears about same size as the Bantam, but the grain is smaller, deep and zigzagged and of a rich golden color; of excellent quality. Pkt., 10c; 1/2 lb., 25c; Ib., 40c; 2 lbs., 70c; 10 lbs., \$3.00.


Cory, Mammoth White。


Country Gentleman.

## SWEET CORN-Continued

HOWLING MOB. One of the finest second early, large-eared sorts; very productive, white, and of excellent quality. Ears 9 to 10 inches long, 16 -rowed. This has been a popular variety for many years. Pkt., 10c; $1 / 2$ lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., $\$ 2.50$. KELLY'S HYBRID (or Acme Evergreen). A splendid, high quality corn and one of the sweetest grown. In season with Early Evergreen; ears 8 inches long, 14-rowed; cob small and covered with deep, white grain, thicker than the true Evergreen. Very productive. Excellent for canning. Pkt., $10 c ; 1 / 2$ lb., 20c;.lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.

## MAIN CROP VARIETIES

Country Gentleman A small white cob. densely covered with irregular rows of very long, tender, white grains very tender and exceedingly sweet. Ears are seven to eight inches long. The stalks from six and one-half to seven feet high. It is well adapted for canning as well as the home garden and many consider it the best of the late varieties. Pkt., 10c; 1/2 lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.

## Stowell's Evergreen

 More largely planted than any other for late use. Ears 8 to 9 inches long, 16 to 18 -rowed with a very deep sweet grain. Rock's strain of this variety is selected from deep-grained, small-cobbed and high quality stocks. Pkt., 10c; 1/2 lb., 20c; lb., 30c; 2 lbs., 50c; 10 lbs., \$2.25.POTTER'S EXCELSIOR. A very good main crop variety, maturing a little earlier than Stowell's Evergreen. Ears slightly smaller, about 7 inches long, 14 to 16 -rowed; kernels white and very sweet. Pkt., 10c; 1/2 lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., $\$ 250$.

## POP CORN

QUEEN'S GOLDEN. A smooth yellow variety. The grains pop per-


White Rice Pop Corn. fectly white and very large. Ears six inches long, well filled; kernels smooth and a rich golden color; cob white. Usually bears two ears to a stalk. $1 / 2$ lb., 15c; lb., 25c; 2 lbs., 45c; 10 lbs., \$1.75.


Stowell's Evergreen sweet Corn.

WHITE RICE. White sharp-pointed kernel, matures early, ears 8 to 10 inches long. A very desirable variety. $1 / 2 \mathrm{lb} ., \mathrm{fc}$; lb., 25 c ; $2 \mathrm{lbs} ., 45 \mathrm{c} ; 10 \mathrm{lbs.} \$ 1.75.$,

## CORN SALAD <br> 1 ounce will plant 40 feet of dill.

Used like spinach for "greens," or as a salad. May be sown either in the spring or fall. Succeeds best when sown in the early spring and in August. If sown in August, should be given protection during the winter, a mulch of straw or leaves.
LARGE GREEN. A distinct sort, with short, rounded, smooth, almost erect, green leaves, forming a compact rosette. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

## CBESS

$1 / 2$ ounce will plant 100 feet of drill.
A popular salad, which should be sown early in the spring in shallow drills and at short intervals, for succession, as it soon runs to seed.
EXTRA CURLED (Peppergrass). A small curled plant, having a fine pungent flavor and used as a salad. Pkt., 10c; oz., 15c; 1/4 lb., 45c.
SWEET WATER CRESS (True). For growing in moist positions, brooks, ponds, etc., places where the roots may be submerged in wate. Fineplient fan salads and garnishing. Pkt., 15c; oz., 75c; 1/4 lb., \$2.50.


Sweet Water Cress.

## CUCUMBER

## 1 ounce will plant 50 hills.

CULTURE,--For carliest use, sow the seed in the hotbed or greenhouse in February or March, in warm loam where the temperature is about 90 degrees, cover $1 / 2$ inch deep, and when the plants are of fair size, transplant in hills, ${ }^{\prime}$ plants in a hill in the open ground about June 1 st, in hills 6 feet apart each way and thin to 3 plants to a hill. A sprinkling of Slug shot will keep off the striped bug.

Early Fortune A very early White Spine Cucumber, and the largest yielder of all. Ideal for the home garden. Fruits large, usually 8 to 10 inches in length, nearly cylindrical in form, slightly pointed at the ends, very smooth, straight and of intensely rich dark green color, very uniform in shape, size and color; flesh white, fine grained, solid and of excellent flavor. Vines are robust, free of disease, setting on fruit quite early and bearing continuously until frost. One of the finest cucumbers for slicing. Pkt., 10c; 0z., 20c; $1 / 4 \mathrm{lb} ., 60 \mathrm{c}$.

DAVIS' PERFECT. A carefully selected White Spine, suitable for both greenhouse and outdoor culture. Fruits are of large size, splendid quality and fine color. The flesh is tender, brittle and of excellent flavor. $11 \times 21 / 2$ inches. A favorite in many localities. Pkt., 10c; oz., 20c; $1 / 4 \mathrm{lb} ., 60 \mathrm{c}$.

EARLIEST OF ALL. An extra early prolific, desirable White Spine. Fruit full and uniform, tapering slightly but abruptly at both ends; color deep green. A week to ten days earlier than Early Fortune. It is desirable for its extreme earliness. $7 \times 21 / 2$ inches. Much in favor in the South for early shipment to northern markets. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

FORDHOOK FAMOUS. Largest of the White Spine family; fruit long, thick and tapering at both ends,
 crisp and solid; a fine slicing sort; color light green. $14 \times 31 / 2$ inches. Vines are vigorous and free from disease. A splendid variety for both the home and market gardener. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

IMPROVED LONG GREEN. 12 to 14 inches long, slender, more or less warted, tapering towards the stem end; color dark green, flesh white and firm. A standard


Early Fortune Cucumber late, well-known table sort. Pkt., 10c; oz., 20c; 1/4 Ib., 60c.

PERFECTED PICKLE. The most symmetrical, best formed and productive pickling sort; early, small, square ended and dark green. $5 \times 21 / 4$ inches. Pkt., 10c; oz., 20c; 1/4 lb., 50c.


## DANDELION

1 ounce will sow 100 feet of drill, 1 to 2 pounds per acre.
The dandelion resembles the endive and affords one of the earliest as well as one of the most healthful greens. The roots, after being dried, are used extensively as a substitute for coffee.

CULTURE.-Sow as early as the weather will permit. In rich soil in rows 12 inches apart and $1 / 4$ inch deep. Thin out to 2 or 3 inches apart in the rows, by so doing the roots will be larger and a great amount of time will be saved the next spring in trimming and gathering the crop.
IMPROVED THICK-LEAVED. Cultivated for spring greens. Large in size and thickness of leaf; excellent flavor. Pkt., 15c; 0z., \$1.00; 1/4 lb., \$3.50.

## EGG PLANT

1 ounce will sow 300 feet of drill, 4 ounces to the acre.
CULTURE.-The eggplant will thrive well in any garden soil, but will repay good treatment. The seeds should be sown in hotbed or warm greenhouse in March or April, and when about an inch high, potted in 2 -inch pots. Plant out about June 1 st , $21 / 2$ feet apart. If no hotbed is at hand, they can be grown in any light room where the temperature will average 75 degrees.

New York Improved Purple The most eautiful of the many varieties of eggplant. Plants produce from 4 to 6 fruits which are very large, pear-shaped, with smooth, deep, purple skin, and nearly white flesh. It is absolutely spineless. Pkt., 10c; 1/2 oz., 35c; 0z., 60c; 1/4 lb., \$2.00.

BLACK BEAUTY. Fruit dark purple, retaining its original color. Earlier and nearly as large as New York Purple. Pkt., 10c; 1/2 oz:, 45c; oz., 80c; 1/4 lb., \$2.75.

FLORIDA HIGH BUSH. Fruit similar in form and size to New York Purple, though not so dark in color. Of strong, upright growth, holding its fruit well above the ground. Pkt., 10c; 1/2 oz., 40c; oz., 70c; 1/4 lb., \$2.25.


Broad Leaved Batavian Endive.


## Market Gardeners

 and other large growers, requiring larger quantities of seeds than are here offered, are invited to write for special prices.
## ENDIVE

## 1 ounce will sow 350 feet of dplll.

CULTURE.-Endive is one of the best salads for fall or winter use. Sow in the spring as soon as the earth is free from frost. Drill in rows 2 feet and thin the plants to 8 inches apart. Tie up the loose leaves or cover with pots to blanch for salad. Valuable for salads and highly decorative.

## Broad Leaved Batavian (Escarolle) Leaves of up-

 right growth, broad, more or less twisted and waved, bright green with a nearly white midrib. Inner leaves form a fair head which blanches a creamy white. One of the best varieties for salads. Pkt., 10c; oz., 20c; $1 / 4$ lb., 60c.SUPERE GREEN CURLED. Leaves bright, deep green with the outer midribs usually showing a trace of rose; readily blanches a creamy white. A very hardy and vigorous sort. Pkt., 10c; 0z., 20c; 1/4 lb., 60c.
WHITE CURLED (Self-blanching). Very similar to our Green Curled. Leaves need no blanching. Pkt., 10c; 0z., 20c; 1/4 lb., 60c.

## GARLIC SETS

The Garlic is the most pungent in taste and has the strongest odor of all the Onion family. It is esteemed for flavoring soups, stews, etc. Lb., 60c; 2 lbs., \$1.00.

## HORSERADISH ROOTS

There are few people that do not need, at some time during the year, Horseradish for seasoning. You can usually buy it at the stores but so adulterated as to be almost worthless. Horseradish can be grown in most any locality successfully, but gives best results in rich, rather moist, partly shaded locations. 50c per doz.; \$2.50 per 100.


Dwarf Curled Scotch Kale. KOHL RABI
1 ounce will sow 300 feet of drill.
This plant belongs to the turnip family, but is more hardy and nutritious.

CULTURE.-Should be sown in 3 -foot rows about the 15 th of April and plants thinned out to 8 inches apart in rows.
EARLY WHITE VIENNA. A very handsome, extremely early variety with small tops. The bulbs are of medium size, nearly white and of the best quality. It makes a delicious cabbage-flavored dish and of best quality for the table when about three inches in diameter. Pkt., 10c; oz., 30c; 1/4 lb., 95c.
PURPLE YIENNA. A little later than the White; color bluish purple. Quality and flavor unexcelled. Pkt., 10c; oz., 30c; 1/4 lb., 95c.

## 5. 2 <br> LENTILS

In compiling this catalog it has been our ,im to furnish our customers a complete, concise and reliable Garden Manual.
Our list of varieties is very extensive and 'mply sufficient to meet every want in the line of seeds. We offer nothing which has not been tested and proven worthy of cultiation, and our friends can therefore absolutely depend on the value and purity of very variety we offer.
It is vitally important to every purchaser if seeds, either in large or small quantities, :o know if the seeds will grow strongly and vell, and whether they are pure and will oroduce true and perfect types of their kinds.
No experienced or practical gardener ever asks, "Where can I get my seeds the cheapest?" but rather, "Where can I get the best?"

## KALE OR BORECOLE

1 ounce will sow 200 feet of drill, 3 pounds to the acre.
CULTURE.-Of all the cabbage tribe, this is the most tender and delicate, and much more would be grown if its excellent qualities were generally known. Sow about the middle of March in hotbeds; transplant in May and treat the same as cabbage. For outdoor planting, drill in rows $21 / 2$ feet apart and thin out from 6 to 10 inches in the row.
DWARF CURLED SCOTCH. Foliage long and of an attractive bright green; very hardy. A handsome, very finely curled, dwarf spreading variety. Pkt., 10c; oz., 20c; 1/4 lb., 60c.
TALL CURLED SCOTCH. Grows 2 to 3 feet, bearing long, plume-like leaves deeply curled at the edges. Desirable for winter use. Pkt., 10c; oz., 25c; 1/4 lb.; 75c.


Broad American Flag Leeks

The seeds are eaten like beans and are excellent for soups or stews. As soon as ground is warm and dry, sow in drills 3 feet apart; a light loam is the most desirable. Seeds are harvested in August or September. Pkt., 10c; $1 / 2 \mathrm{lb} ., 35 \mathrm{c} ; 1 \mathrm{lb} ., 65 \mathrm{c}$.

## LEEK

1 ounce will sow 100 feet of drill, 4 pounds to the acre.
CULTURE.-Leek is very hardy and very easily cultivated. Sow early in spring in rich soil $1 / 2$ inch deep, in drills 1 foot apart. When 6 inches high, transplant in rows 10 inches apart each way as deep as possible, so that the neck, being covered, may be blanched.
Broad American Flag Strong growing, broad-leaved, hardy and productive. Extensively grown for the home garden. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.
LARGE CARENTAN WINTER. Leaves thick and dark green; the largest and most hardy variety. Pkt., 10 c ; oz., 30c; 1/4 lb., \$1.00.
LONDON FLAG. The oldest and best known variety; hardy and productive. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

## LETTUCE

1 ounce is sufficient for 100 feet of drill, 3 pounds per acre.
culture.-Lettuce thrives in rich, moist soil. As soon as ground can be worked in the spring sow in drills 18 inches apart, covering about $1 / 4$ inch deep. By proper selectior of varieties you can have lettuce in your garden from early spring till fall. Plant the seed at intervals of two weeks. Head lettuce should be used for early and late plantings and leat lettuce for midsummer. For very early crop, sow seed in hotbed in March and transplant in open ground April 15 th.
Wayahead A very early, handsome, comouter leaves are medium light green, crumpled and blistered; the inner head blanches a rich but-tery-yellow; of superior quality. Should be in every garden. Pkt., 10c; oz., 25c; 1/4 Ib., 75c.


Big Boston Lettuce
ICEBERG. A large, late, crisp, cabbage-heading variety; leaves unusually broad, blistered and crumpled, borders finely frilled; color medium green with faint brown tracing on the border; quality good. Heads very firm, hard and well blanched. Pkt., 10c; oz., 25c; 1/4 lb., 75c.

MAMMOTH BEACK - SEEDED BUTTER. Leaves broad, fairly crumpled and blistered; color medium green; quality excellent. Heads firın, large and oval shaped. Pkt., 10c; oz., 25c; $1 / 4 \mathrm{lb} ., 75 \mathrm{c}$.

MAY KING. Leaves light yellowish-green, tinged reddish brown at the edges, while the heart blanches a rich golden yellow; quality fine. A handsome, small, extremely early, compact heading variety. Pkt., 10c; oz., 25c; 1/4 lb., 75c.


## LETTUCE-Continued

BLACK-SEEDED SIMPSON. Leaves very broad, blistered and crumpled, and excessively frilled on the borders; color light yellowishgreen, quality fine. One of the most popular large, early, loose-heading varieties, succeeding everywhere, and always reliaple. Pkt., 10c; oz., 25c; 1/4 lb., 75c.
WONDERFUL. A very valuable home garden variety of excellent quality; late, cabbage-heading, with large, crumpled, dark green leaves. Pkt., 15c; oz., 30c; 1/4 lb., \$1.00.
BLACK-SEEDED TENNISBALL. A very reliable, adaptable, sure heading sort; heads globular, firm and well blanched; leaves broad and crumpled; color medium green, never spotted brown; quality the best. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

A few hours labor placed in your garden will more than repay itself with delicious vegetables.


Trianon Cos Lettuce.


Black-Seeded sumpon Lettuce.

## COS OR ROMAINE LETTUCE

The Cos Lettuce is becoming very popular in the large markets and those that use it most generally prefer it to the standard varieties. It forms long compact heads. Excellent for salads.
Trianon Cos (Self-Closing). Distinct from other varieties of lettuce with long spoon-shaped leaves folding into loose head, blanching readily. Crisp and of mild, sweet flavor. Exceptionally fine variety. Pkt., 10c; oz., 25c; 1/4 lb., 75c.

WHITE PARIS COS. Smooth, long, narrow, upright leaves and blanches nicely when tied up; color medium green; fine quality. Pkt., 10c; oz., 25c; 1/4 lb., 75c.

## MARTYNIA OR UNICORN PLANT

Ounce will sow 150 hills.
The seed pods are gathered when young and tender and used for pickling. Sow in the open ground in May in hills 3 feet apart each way. Voluntary plants are likely to come up each year. Pkt., 5c; 0z., 35c.

## ROCK'S SEEDS

are saved from true and carefully selected stocks, thoroughly tried and proven; the results will satisfy the most critical.

## MUSKMELONS

1 ounce will plant about 50 hills, 2 to 3 pounds per acre.
CULTURE.- Select a rich soil, and after danger of frost is over, and the ground has become warm and dry, plant in hills 4 to 6 feet each way, and 6 seeds in a hill. When up and all danger of insects has passed, thin out to 4 plants. Cultivate until the vines cover the ground and pinch off the ends of the growing vines to induce early fruiting. Wood ashes, lime or tobacco dust, sirted over young plants when the dew is on, is sometimes effective to prevent the attack of insects. A few hills for early use may be had by sowing seed in hotbed on pieces of sod or in pots and then transplanted as soon as weather conditions are favorable
Pollock's No. 25 (Selected sidered the best Ford Cantaloupes and planted more extensively now than any other sort. Most reliable, productive and one of the best keepers. It is the most rust-resisting variety known, remaining green and thrifty under unfavorable conditions. Flesh is salmon tinted, of delightfully rich, aromatic flavor, unexcelled by any other kind. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$2.00.


Hoodoo Muskmelons


Rock's Honey Dew We know of no other melon, fruit into or vegetable that has ever come popur favor as rapidy as has the Honey Dew melon. The average size of the melon is 6 inches in diameter and about 8 inches in length, weight five to six pounds. The skin is smooth and is a creamy yellow when ripe. The flesh is light green, very thick, fine-grained and sweet. Honey Dew seldom ripens on the vine, but is harvested before frost and stored in a cool place to ripen. Pkt., 10c; oz., 20c; 1/4 lb., 60c; 1b., \$2.00.
BURRELL'S GEM. One of the finest of melons; flesh thick and firm, salmon colored, being sweet and of the finest flavor. Stands shipping well. The melons are oblong, averaging six inches long; skin dark green with brown netting. One of the most profitable melons to grow for market. Pkt., 10c; oz., 20c; 1/4 lb., 55c; lb., \$1.75.
EMERALD GEM. A splendid early variety, maturing just before Rocky Ford; fruits deep emerald green in color, globular oir slightly flattened, distinctly ribbed and lightly netted; flesh very thick, sweet and of a deep, rich salmon color, having an exceedingly small seed cavity. An excellent melon for the home garden. Pkt., 10c; oz., 20c; 1/4 lb., 55c; lb., \$1.75.

HOODOO (Hearts of Gold). An orangefleshed, round melon, finely netted, medium size, ideal for shipping and home gar-
HACKENSACK (Turk's Cap). A sweet, juicy fleshed variety. Fruit large, round, flattened at the ends, deeply and irregularly ribbed, coarsely and heavily netted; flesh green, thick and of fine quality. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.60.

MONTREAL GREEN NUTMEG. Excellent. Fruits round, flattened at both ends. Extremely large, medium green, deeply ribbed and well netted; flesh very thick and of superior quality. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.60.

OSAGE OR MILLER'S CREAM. A remarkably fine variety and a very profitable sort. Of medium size, oval in form, dark green in color, slightly netted and ribbed. The flesh is extremely thick, of firm lexture, rich salmon in color and very sweet. Pkt., 10c; oz., 20c; 1/4 lb., 55c; lb., \$1.75.

ROCKY FORD. The fruit is small, almost round, smooth, showing no ribs, and densely covered with a heavy, hard gray netting; flesh thick and deep green, showing a faint lining of pink or gold at the center; of the highest quality. Very popular. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.60.
and delicious flavor. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$2.00.


CULTURE.-Select a rich soil, and after danger of prost is over, and the ground has become warm and dry, plant in hills 4 to 6 feet each way, and 6 seeds in a hill. When up and all danger of insects has passed, thin out to it plants. Cultivate until the vines cover the ground and pinch off the ends of the growing vines to induce early fruiting. Wood ashes, lime or tobacco dust, sifted over young plants when the dew is on, is sometimes effective to prevent the attack of insects. A few hills for early use may be had by sowing seed in hotbed on pieces of sod or in pots and then transplant as soon as weather conditions are favorable.

## Rock's Perfected Tom Watson <br> Halbert Honey

The very best of the long melons for either home or market garden. The melons will grow to a length of 2 to 3 feet and 1 foot in diameter. The rind is hard, lightly mottled green, thin, but tough enough to endure shipping. The flesh is deep red and comes very close to the rind. We consider this for quality equal to any and better than most. Pkt., 10 c ; oz., $15 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 45 \mathrm{c}$; lb., $\$ 1.50$.

COLE'S EARLY. Of medium size. Very early Nearly round in shape; rind green, striped with lighter shades. Flesh deep pink; sweet, excellent quality. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50.

CUBAN QUEEN. A good keeper; grows to enormous size and is very productive; rind light and dark green; oblong in shape; flesh bright red, solid, crisp and very sweet. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.25.

GEORGIA RATTLESNAKE. Large and oblong; rind very tough and in color a distinctive pale, light green, mottled and striped; dark green; seeds white. An attractive and fine shipping melon. Pkt., 10c; oz., 15c; $1 / 4 \mathrm{lb} ., 45 \mathrm{c} ; \mathrm{lb} .$, \$1.50.

Excellent. The melons average eighteen to twenty inches long and are full rounded at both ends. The skin is a dark glossy green. Flesh is crimson and very sweet; thin rind. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50.

HUNGARIAN HONEY. A superb early variety, uniformly glohe-shaped, color dark green, mottled and grained with a darker shade; flesh brilliant red, ripening clear to the rind. Of the highest quality: seeds brown and very small. Pkt., 10 c ; oz., 25c; 1/4 lb., 75c; 1b., \$2.00.

KLECKLEY'S SWEETS. Medium to large in size, medium early and exceedingly sweet; oblong in form, slightly tapering towards the stem end; rind very dark green: flesh bright, rich red and ripens nearly to the rind; white seeded; too tender for a shipping melon, but excellent for the home garden. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50.

COLORADO PRESERVING CITRON. An improvement on the old Preserving Citron; seeds green, fruit round to oblong; very productive. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50.


## MUSTARD

1 ounce will sow 40 feet of drill.
Mustard is very hardy and easily grown. The young leaves of mustard make excellent greens of sharp, pungent flavor, and are cooked the same as Spinacl or beet leaves. Sorv the seed in drills early in the spring and at frequent intervals throughout the summer to secure a constant supply of fresh greens.

## SOUTHERN GIANT CURLED.

The popular market variety in the South; seed small, dark reddish-brown. Plant vigorous and hardy, of upright, spreading growth; leaves large, light green, tinted yellow, crumpled and frilled at the edges. Pkt., 10c; oz., 15c; 1/4 lb., 40c.
WHITE LONDON. Leaves rather small and smooth, deeply cut or divided; color deen green; seed large, light yellow. Plant of rapid, upright growth. Pkt., 10c; oz., 15c; $1 / 4 \mathrm{lb} ., 35 \mathrm{c}$.

## Be Sure to Sign Your Full Name and Address

## MUSHROOM SPAWN

CULTURE.-Mushrooms may be grown in a warm cellar or shed in winter, or in the open air in summer. Take partially dry, fresh horse manure and lay it in a heap to ferment; turn and mix it well every few days, and when well and equally fermentedwhich will be in from 10 to 15 days-it may be made into a bed 4 ft . Wide and ahout 12 to 18 in . deep, mixing it well together and beating or treading it firmly. As soon as the temperature of the bed falls from 75 to 50 degrees the spawn may be inserted in pieces about the size of a walnut, about 2 in. deep and 6 ill. apart. Cover with loamy soil ahout 2 in. deep and beat it down evenly and firmly. Water when necessary with lukewarm water, and Water when necessary with lukewarm water, and pays parcel post or express. 50c per brick; $\mathbf{1 0}$ bricks $\$ 4.00$.


Mushrooms.


Southern Giant Curled Mustard.

## OKRA OR GUMBO <br> 1 ounce will sow 75 feet of drill.

Used for flavoring soups. The pods contain a large amount of gum, which imparts a thickness and softness as well as flavor to the soup.

## CULTURE.-The seed should be sown in the open ground when the ground is thoroughly warm. In this latitude about the 15 th of May. Sow in rows $21 / 2$ feet apart and thin the plants to 18 inches apart. The pods should be picked while green and dried.

## PERKINS' M A M MO 'T H.

Pods are of deep green color and of fine quality; very prolific. Long, and somewhat ribbed or corrugated. Pkt., 10c; oz., 15c; $1 / 4 \mathrm{lb} ., 35 \mathrm{c}$.

> Joyous Crops Laugh Back at Those who Tickle the Earth with a Spade.

Cultivate Your Garden ---One Weed Robs the Soil of About 300 Times its Weight in Water During the Season


Perkins' Mammoth Okra

## ONIONS

1 ounce will sow 150 feet of drill, 4 to 5 pounds to acre.
CULTURE.-To develop large bulls, onions require rich, mellow soil. Sow thinly in shallow drills, 1 loot or mo:e apart, aw soon as frothd opens, and cove. seed lightly. Thin out to 4 inches apart. Where very large specimens are desired, sow seed in hotbe: in Febrinary and March, transplanting to open ground tpril 15th. Ground should be well fertilized. The best onions are grown from seed. Successive plantings can be made until July.

## Rock's ExtraSelected Ailsa Craig

The great English exhibition onion, grows well cverywhere in this country. Globe-shaped, slightly pointed at top and base, straw yelloiv in color. It grows to gigantic size. Specimens have been grown to weigh from three to follo pornds each. For best results, seed should be sown under glass and transplanted 6 inches apart in the row where they are to grow. For eating raw it has no superior, it is mildly pungent in flavor, sweet and desirable. Pkt., 20c; oz., 75c;1/4

## lb., \$2.50.



SOUTHPORT RED GLOBE. Most popular of the red onions. Perfectly globe-shaped and very handsome in color. The onions measure from two to three and a half inches in diameter, and are very uniform, both in size and shape. Our seed has been selected to produce thin neck plants which ripen down to a hard solid ball, producing the largest proportion of marketable onions. They are also ginod keepers. The Globe varieties, as a rule, yield the largest crops. Pkt., 10c; oz., 25c; 1/4 lb., 75c; Ib., \$2.50.
SOUTHPORT YELLOW GLOBE. Very hardy and productive: a late main crop variety. The bulbs are of perfect globe shape and rich yellow in color. They ripen down evenly, keep well and ship well. The flesh is fine grained and of excellent quality. Pkt., 10c; oz., 25c; 1/4 lb., 70c; lb., \$2.25.

Prizetaker The largest late American onion. Bulbs handsome, of the largest size, of is white, very mild $t \in$ nder and of excellent flavor fies tensively srown and immensely productive. Pkt., 10c; 02., 25c; 1/4 lb., 75c ; 1b., \$2.50.

Southport White Globe In all maronions are in greatest demand, being of such shape that there is practically no waste. White Globe onions command the highest market prices when they are true to type and free from stain. The flesh is crisp, fine grained, very, white and mild. As soon as ripe, the bulb's should be stored in a cool, damp shed or dry cellar. Pkt., $1 \mathbf{O c}$; oz., 30c; $1 / 4 \mathrm{lb} .$, 80c; lb., \$2.75.
GIGANTIC GIBRALTAR. A mammoth onion of Spanish origin: resembles our Prizetaker, but grows to a larger size. Globe shaped, with a thin, strav-colored skin; very mild. Pkt., 10c; oz., 35c; 1/4 'Ib., \$1.00; lb., \$3.50.


Southport White Globe Onions.

## ONIONS-Continued

BERMUDA RED. Flat, pale red, very early and productive; grown largely in Bermuda and the Southern states. Pkt., 10c; oz., $40 \mathrm{c} ; 1 / 4 \mathrm{lb} ., \$ 1.25$; lb., \$3.75.
BERMUDA WHITE. White in color, but otherwise similar to Red Bermuda. Pkt., 10 c ; oz., 40c; 1/4 lb., \$1.25; lb., \$3.75.
LARGE RED WETHERSFIELD. One of the oldest and best known types of onion. A fine, large, rather flat sort of a deep pur-plish-red color; noted for its productiveness and keeping qualities. Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.50.
WHITE BARLETTA. One of the earliest, smallest and most handsome white pickling onions; a very good bunching sort. Pkt., 10c; oz., 35c; 1/4 lb., \$1.00; lb., $\$ 3.50$.

> Rock's Flower Gardens Extend You a Cordial Invitation To Visit Their Nursery And Trial Grounds During the Summer Months.



## ONION SETS

## 1 pound will plant 50 feet of drill.

When raised from sets the onions can be used in the green state for bunch onions or may be ripened off for large onions, in which case they are fully six weeks earlier than when raised from seed.

CULTURE.-Sets should be planted out early in the spring as soon as the ground is dry enough to work in rows 1 ft . apart, with sets 3 to 4 inches apart; the onions can be used in green state in May.

White Onion Sets.....
Yellow Onion Sets.... 30c 50c 2.25
Red Onion Sets ...... 30c 50c 2.25
We prepay mailing charges on 2 pounds or under, all over 2 pounds at purcha'ser's expense.

# PLANTING CALENDAR <br> SUITABLE FOR THE LATITUDE OF KANSAS CITY 


#### Abstract

JANUARY-Sow in Hotbed-Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Early Lettuce, Early Onions, Radish. FEBRUARY-Sow in Hotbed-Farly Beet, Broccoli, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Eggplant, Early Lettuce, Parsley, Pepper, Early Onions, Radish, Tomato. MARCH-Sow in Hotbed-Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Eggplant, Kohl-Rabi, Lettuce, Melon, Parsley, Pepper, Onions, Radish, Tomato, Herbs. APRIL-Sow in Hotbed-Cucumber, Eggplant, Melon, Pepper, Tomato. Sow in Open GroundAsparagus, Beans, Beets, Cabbage, Carrots, Cauliflower, Celery, Sweet Corn, Cucumber, Cress. Endive, Kale, Kohl-Rabi, Leek, Lettuce, Melons, Onions, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Salsify, Spinach, Tomato, Turnip, Sage, Herbs, Onion Sets. MAY-Sow in Open Ground-Artichoke, Asparagus, English Beans, Pole Beans, Bush Beans, Beets, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl-Rabi, Leek, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Pumpkin, Radish, Rhubarb, Salsify, Spinach, Squash, Tomatoes, T'urnips, Herbs.


JUNE-Sow in Open Ground-Bush Beans, Lima Beans, Pole Beans, Beet, Carrot, Cabbage, Sweet Corn, Gress, Cucumber, Endive, Kale, Kohl-Rabi, Lettuce, Melons, Okra, Onions, Peas, Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Turnip, Rutabaga.

JULY-Sow in Open Ground-Bush Beans, Beet, Carrot, Sweet Corn, Corn Salad, Cress, Cucumber, Endive, Gherkin, Kale, Kohl-Rabi, Lettuce, Okra, Early Peas, Pumpkins, Radish, Spinach, Squash, Turnip, Rutabaga.

AUGUST-Sow in Open Ground-Bush Beans, Corn Salad, Cucumber, Endive, Lettuce, Early Peas, Radish, Spınach, Squash, Turnip. Plant Winter Onions.

September-Sow in Open Ground-Cabbage or Cauliflower in Cold Frames, Corn Salad, Gress, Kale, Lettuce, Mustard, Winter Radish, Spinach, Turnip. Plant Winter Onions.
OCTOBER-Plant-Hyacinths, Tulips, Narcissus nd other Dutch Bulbs in open ground, pots or giasses.
NOVEMBER-Sow in Open Ground-Plant Hyacinth, Tulip, Narcissus and other Dutch Bulbs in open ground, pots or glasses.


Rock's Extra Triple Curled Parsley.

## PARSLEY

I ounce will sow 100 feet of drill, 4 to 5 pounds to an acre.
CULTURE.-Soak the seeds a few hours and sow early in spring and continue until early autumn. Sow in rows 18 inches apart. Thin out the plants to $\mathbb{A}^{\text {inches. To preserve during winter, transplant to light }}$ cellar or cold frame.

## Rock's Extra Triple Curled

 Very similar to Moss crimped. A handsome ared. A handsome compact sort. Fine for market or private garden; leaves bright pale green. The most desirable variety for soups or garnishing. We highly recommend it. Pkt., 10c; $1 / 2$ oz., 20c; oz., 35c; $1 / 4 \mathrm{lb} ., \$ 1.00$.CHAMPION MOSS CURLED. The leaves are finely cul, curled and of a dark green color, resembling bunches of moss. Extra fine for garnishing and culinary purposes. Pkt., 10c; oz., 15 c ; $1 / 4 \mathrm{lb} ., 45 \mathrm{c}$.
LARGE ROOTED HAMBURG. The edible roots of this variety resemble a small thick parsnip in shape and color, and are extensively used for flavoring soups and stews; leaves plain. Pkt., 10c; oz., $15 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 45 \mathrm{c}$.
PLAIN. The leaves are flat, deeply cut, but not curled and very dark green in color. Pkt., 10c; oz., 15c; 1/4 lb., 45c.

## PARSNIPS

1 ounce will plant 100 feet of drill, 4 to 5 pounds per acre.
CULTURE.-This vegetable is easily raised and very productive. Sow early in spring in shallow drills 18 inches apart. The ground should be plowed deep. Thin out plants to 6 inches in rows.

## Improved Hollow Crown Roots smooth, usually 15 inches long by 3

 inches in diameter at the top; tender and sweet. Better known and more generally grown than any other sort. Pkt., 10c; oz., 15c; 1/4 Ib., 40c; lb., \$1.25.LONG SMOOTH WHITE. Roots smooth and white, about 16 inches long, with an elongated, conical neck; excellent quality. A very hardy and productive sort. Pkt., 10c; oz., $15 \mathrm{c} ; 1 / 4 \mathrm{lb}$. , 40c; lb., \$1.25.

## Periods for Vegetable Seed to Germinate

The following are periods that it usually takes for seeds to germinate
after being sown. Quickness of germination depends upon condition of weather and soil.

| Artichoke |
| :---: |
| Asparagus |
| Beans |
| Beets |
| Borecole, Broccoli, Brussels Sprouts, Cabbage and Cauliflower |
| Carrots |
| Celery |
| Chervil |
| Collards |
| Corn Salad |
| Corn |
| Cucumber |
|  |  |
|  |
| Endive |
| Kohl-Rabi |
| Lettuce |
| Melon, Musk |
| Melon, Water |
| Mustard .... |
| Onion |
| Parsley |
| Parsnips |
| Peas |
| Pepper |
| Pumpkin |
| Radishes |
| Salsify |
| Sorrel |
| Spinach |
| Squash |
| Tomato |
| Turnip |


|  | 12 | to |  |  |
| :---: | :---: | :---: | :---: | :---: |
| from | 18 | to | 30 | days |
| 'om | 4 | to | 8 | days |
| om | 7 | to | 15 | days |
| from | 4 | to | 10 |  |
| fom | 14 | to | 21 | days |
| from | 12 | to | 21 | days |
| from | 14 | to | 21 | days |
| orm | 4 | to | 10 | days |
| from | 12 | to | 15 | days |
| from | 4 | to | 10 | days |
| om | 4 | to | 7 | days |
| om | 5 | to | 10 | days |
| from | 7 | to | 21 | days |
| from | 3 | to | 7 | days |
| from | 4 | to | 10 | days |
| from | 4 | to | 6 | days |
| am | 5 | to | 10 | days |
| from | 7 | to | 14 | days |
| from | 3 | to | 7 | days |
| om | 7 | to | 14 | days |
| om | 12 | to | 25 | days |
| or | 7 | to | 14 | days |
| om | 4 | to | 10 | days |
| om |  | to | 18 | days |
| from | 5 | to | 10 | days |
| from | 3 | to | 5 | days |
| om | 7 | to | 14 | days |
| from | 7 | to | 14 | days |
| from | 7 | to | 14 | days |
| from | 5 | to | 10 | days |
| rom | 6 | to | 14 | days |
| fram | 3 | to | 5 | days |



Hollow Crown Parsnip.

## GARDEN PEAS

1 pound will plant about 50 feet of drill.
Peas of the extra early smooth class are the very first vegetable to be planted in the spring. The wrinkled sorts follow a little later, as they are not as hardy. Tall, late varieties need brush or other support. Judicious selection of varieties and planting frequently for succession will provide green peas almost through the entire season, with the possible exception of the hottes! part of the summer.

CULTURE.-Open furrows three or four inches deep and three feet apart; scatter the seed peas into them and cover with hoe or plow. Cultivate like corn o beans. The late tall sorts may be planted in double lows and brush placed in between for support. All Garden Peas, however, require good, strong and fertile soil.

## EARLY VARIETIES

Rock's Hundredfold Tecidedly the best of the Laxtonian types and especially recommended for the home garden. Vine 16 inches high, very sturdy and exceedingly productive; pods 4 inches long, broad and pointed, containing 8 or 9 large, dark green peas of highest quality. Pkt., ${ }^{\circ} \mathbf{O c}$; 1/2 lb., 25c; 1b., 45c; 2 lbs., 80c; 10 lbs., $\$ 3.53$.


Rock's Hundredfold Prås.


World's Record Peas.

World's Record Height, 2 feet. An improved type of Gradus, being slightly earlier and more dwarf. Pods 4 inches long, fairly broad, pointed and well filled with 7 to 9 large, green peas of exceptional quality: very productive. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.
Pedigree Extra Early Height, $21 / 2$ fect. One of the earliest Peas grown. Pods 4 inches long, round, broad, saddle-backed and square-ended, containing 7 peas. A productive and extra fine sort for a market gardener's first early pea. Pkt., 10c; 1/2 lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.75.
LITTLE MARVEL. Height, 14 inches. Pods 3 inches long, nearly round and square-ended, containing 7 dark green peas of high quality; moderately productive. Pkt., 10c; 1/2 Ib., 25c; Ib., 45c; 2 lbs., 80c; 10 lbs., \$3.50.
SUTTON'S EXCELSIOR. Height, 16 inches. A very profitable sort for either home or market garden. Pods $31 / 2$ inches long, straight, round and square-ended, containing 7 to 8 large bright green peas of exceptional quality. Pkt., $10 \mathrm{c} ; 1 / 2 \mathrm{lb} ., 25 \mathrm{c} ; \mathrm{lb} ., 40 \mathrm{c}$; $2 \mathrm{lbs},. 70 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 3.00$.
ALASKA. Height, $21 / 2$ feet. A very early, smooth, blue pea. Popular with canners and market gardeners. Pods $21 / 2$ inches long, round, straight and square-ended, containing 6 light green peas. Very uniform in maturity. Pkt., 10c; $1 / 2 \mathrm{lb} ., 25 \mathrm{c} ; \mathrm{lb} ., 40 \mathrm{c} ; 2 \mathrm{lbs},$. 70c; 10 lbs., \$3.00.
GRADUS or PROSPERITY. Height, $21 / 2$ feet. A standard, early, large-podded variety. Pods $33 / 4$ inches long, semi-round, straight, slightly curved at the tip and pointed, containing 6 to 8 large, very sweet, medium green peas; high quality. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., $\$ 350$.
MAMMOTH PODDED EXTRA EARLY. Height, 3 feet. Matures practically with Alaska, but is more productive. Pods 4 inches long, round, broad, saddle-backed and square-ended, containing 7 extra large light green peas. Pkt., 10c; 1/2 lb., 25c; lb., 40c; 2 lbs., 70c; 10 lbs., $\$ 3.00$.
SECOND EARLY AND MAIN CROP VARIETIES
Sutton's Perfection Height. $21 / 2$ feet. One of the most excellent, immensely productive, main crop peas. Vine very sturdy and strong, deep green in color; pods $41 / 2$ inches long, quite broad, straight, pointed and medium light green, containing 8 to 9 very large, sweet, bright green peas. Matures just before Telephone. Pkt., 10c; 1/2 lb., 25c; lb., 45c; $2 \mathrm{lbs} ., 80 \mathrm{c}$; $10 \mathrm{lbs} ., \$ 3.50$.

## GARDEN PEAS-SECOND EARLY AND MAIN-CROP VARIETIES-Continued

IMPROVED DWARF CHAMPION. Height, $21 / 2$ feet. A fine main crop pea. Pods 4 inches long, straight, broad and square ended, containing 7 to 8 large, medium dark green peas of fine quality. Pkt., $\mathbf{1 0 c}$; $1 / 2 \mathrm{lb} ., \mathbf{2 5 c}$; lb., $\mathbf{4 0 c}$; $2 \mathrm{lbs} .$, 70c; 10 lbs. , $\$ 3.00$.
ALDERMAN. Height, 4 feet. Of the Telephone type, but with darker pods and peas. Pods $43 / 4$ inches long, vers broad, dark green, pointed, straight, though slightly curved at the point, containing 9 large, medium green peas of finest quality. Pkt., 10c; 1/2 lb., 25c; lb., 45c; $2 \mathrm{lbs} ., 80 \mathrm{c}$; $10 \mathrm{lbs} .$, \$3.50.
CHAMPION OF ENGLAND. Height, 4 feet. One of the richest, best flavored late peas; well known and popular. Vine stout, deep green; pods often in pairs, medium green, $31 / 2$ inches long, straisht, nearly round and blunt-ended, containings 8 light green peas; productive. Late main crop.
Pkt., 10c; $1 / 2 \mathrm{lb} ., 25 \mathrm{c}$; lb., 45c; $2 \mathrm{lbs} ., 80 \mathrm{c} ; 10 \mathrm{lbs} ., \mathbf{\$ 3 . 5 0}$.
IMPROVED DWARF TELEPHONE. Height, $21 / 2$ feet; vine exceptionally stout; pods dark green, $41 / 2$ inches long, straight and pointed, containing 8 to 9 dark green peas of the best quality. Pkt., 10c; $1 / 2 \mathrm{lb} ., \mathbf{2 5 c} ; \mathbf{l b} ., 50 \mathrm{c} ; \mathbf{2} \mathbf{l b s} ., 90 \mathrm{C} ; 10$ Ibs., \$4.00.
LONG ISLAND MAMMOTH, or TELEGRAPH. Height, 4 feet. A popular market gardener's variety. Seed large, smooth and dark green. Vine and foliage strong and heavy: pods dark green, $43 / 2$ inches long, broad, almost straight and pointed, containing 8 to 9 large, medium green peas; 2nd early sort; very productive. Pkt., 10c; $1 / 2 \mathrm{lb} ., \mathbf{2 5 c}$; Ib. 45c; $2 \mathrm{lbs} ., 80 \mathrm{c}$; 10 lbs., $\$ 3.50$.

## Improved Telephone

Height, 4 feet, standard, high quality, large-podded pea. Vine and foliage strong and heavy, medium green. Pods $41 / 2$ inches long, medium light green, straight, broad and pointed, containing 7 or 8 large. light green peas; main crop; productive. Pkt., 10 c ; $1 / 2 \mathrm{lb} ., 25 \mathrm{c}$; lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.


Improved Telephone Peas.

## EDIBLE PODDED OR SUGAR PEAS

MAMMOTH MELTING SUGAR (Edible Pods). Height, $31 / 2$ feet. A main crop variety. Large, broad pods, very brittle and entirely stringless. Vine stout, medium green; pods light green, $31 / 2$ inches long, 1 inch hroad, pointed, containing 7 light green peas. Seed smooth and white. Pkt., 10c; 1/2 lb., 25c; lb., 45c; $2 \mathrm{lbs} ., 80 \mathrm{c}$; 10 lbs., \$3.50.

## POTATOES

IRISH COBBLER. A fine productive early variety, very uniform in size and shape. Flesh white, excellent quality.
EXTRA EARLY TRIUMPH. One of the earliest of all potatoes, medium size, round in form. Very desirable in the southern states.
EXTRA EARLY OHIO. Excellent. Tubers uniform in shape producing very few that are not of marketable size.

Write for prices when ready to order as market fluctuates.

True Garden Economy Consists in the Production of Abundant Crops of the Finest Quality.
Sutton's
Perfection
Peas.

## PEPPERS

1 ounce for about 1,500 plants.
CULTURE.-The pepper plant is tender and should be started under glass. Sow seed in hotbeds in March. The plants should be set $11 / 2$ feet apart in rows $21 / 2$ to 3 feet apart. The plants may be transplanted in open ground about May 10 th.

## Chinese Giant

 The largest of the mild red varieties. Notwithstanding its large size, it is early and very prolific. Flesh is a rich, glossy scarlet, thick, tender, mild and sweet, and is unexcelled for salads or stuffing. Pkt., $10 \mathrm{c} ; 1 / 2 \mathrm{oz} ., 50 \mathrm{c} ; \mathbf{0 z}$. 90c; 1/4 lb., \$3.00.LARGE BELL, or BULL NOSE. A standard early variety and popular as a pickling sort: the pendent scarlet fruits are two inches in diameter, three inches long and blunt-ended; mild and sweet. Pkt., 10c; 1/2 oz., 40c; oz., $70 \mathrm{c} ; 1 / 4 \mathrm{lb} ., \$ 2.50$.

LONG RED CAYENNE. A well-known medium early variety about four inches long. Color deep green when fruit is young, bright red when ripe. Extremely strong and pungent flesh. Pkt., 10c; $1 / 2$ oz., 35c; oz., 60c; $1 / 4 \mathrm{lb} ., \$ 2.00$.

Pimento Fine for the home garden. It is so smooth and uniform in shape that the skin can be easily slipped off after boiling a few minutes. Very sweet and of delicious quality.据. When ripe it is a beautiful scarlet. Very productive. Pkt., 10 c ; $1 / 2$ oz., 45 c ; 0z., $80 \mathrm{c} ; 1 / 4 \mathrm{lb} .$, \$2.75.


RED CHILI. Df low growth, forming a spreading plant about 18 inches high; fruit usually erect, about one and a half inches long, cone shaped, bright red and very hot; exceedingly prolific; used for pepper sauce. Pkt., 10c; 1/2 oz., 45c; 0z., 80 c ; 1/4 lb., \$2.75.

RUBY KING. A popular, large-fruited pepper. Very prolific. The pods are beautiful bright red, 5 inches long and 3 inches in diameter. Flesh exceedingly thick, sweet, and so mild that it is often sliced as a salad. Splendid for stuffing. Pkt., 10c; 1/2 oz., 45c; oz., 80c; 1/4 lb., \$3.00.

## PUMPKINS

1 ounce will sow 25 hills, 4 pounds to the acre.
CULTURE.-While Pumpkins are or strong growth, they will not stand frost and should not be planted in this latitude until about may 15th. ©A moderately rich soil is sufficient for good pumpkins. plant in hills about eight feet apart. Do not plant near squash or melons.

Large Cheese Large, round, flattened fruits, ribbed and creamy-buff in color; flesh yellow and very deep; of fine quality and one of the best canning sorts. Excellent keeping qualities. A good sort for pies. Pkt., 10 c ; oz., 15 c ; $1 / 4 \mathrm{lb} ., 40 \mathrm{c}$; lb., $\$ 1.20$.


WHITE CUSHAW (Jonathan). A popular crook-neck variety with a hard, creamy-white shell; fruits two feet in length with long, solid, meaty necks; fine quality. Pkt., 10c; oz., 20c; $1 / 4 \mathrm{lb} ., 65 \mathrm{c}$; lb., \$2.00.

GOLDEN CUSHAW. Similar to White Gushaw except color of shell which is golden yellow. Pkt., 10c; oz., $20 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 65 \mathrm{c} ; \mathrm{lb} ., \$ 2.00$.

SWEET or SUGAR (New England Pie). Fruits small, round, flattened at the ends, and slightly ribbed; skin and flesh deep orange-yellow; flesh very thick and of high quality. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.35.

KING OF MAMMOTHS. A very large variety, often measuring two feet or more in diameter, and weighing 200 to 250 pounds each. A grand prize-winning sort. Skin is salmon-orange color, flesh is thick, bright yellow and fine-grained, and of good quality. Notwithstanding its enormous size, it is one of the best pumpkins for table use. A splendid keeper. Pkt., 10c; oz., 25c; 1/4 lb., 70c; lb., \$2.25.

[^1]
## RADISHES

1 ounce will sow 100 feet of drill, 8 to 10 pounds to the acre.
CULTURE.-The soil for radishes should be thoroughly pulverized, as their tender and mild qualities depend much upon their rapid growth. For early use, sow in hotbeds in March and in the open air as soon as the ground can be worked. For a succession, at intervals of ten or twelve days. The winter varieties should be sown in August, lifted before severe frost and stored in the cool cellar. Sow in drills 1 foot apart and cover lightly; thin out while small to 3 inches apart

## ROUND AND OLIVESHAPED VARIETIES

Scarlet Globe We have an exceptionally fine stock of this superb variety. It is one of the earliest of the forcing radishes and does equally well outside; roots are of good size, globe-shaped and with a very small top; always crisp and tender; color a bright scarlet. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.90.
CRIMSON GIANT. An excellent, large sort, developing roots of a bright, crimson color; the flesh remains solid, crisp and juicy; of the mildest flavor. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$i.50.
EARLY SCARLET TURNIP. A smali, round, red radish with a small top and very quick growth. A very early variety, deserving credit on account of its rich color and crisp, tender flesh. Pkt., 10 c ; oz., 15 c ; 1/4 lb., 45c ; lb., \$1.50.

EXTRA EARLY SCARLET TURNIP, WHITE TIPPED, FORCING. Perfect globe shaped; color scarlet, white tipped; crisp, mild flavored. Very early, equally desirable for outdoor culture and forcing under glass. Pkt., 10c; oz., 15c; $1 / 4 \mathrm{lb} ., 45 \mathrm{c}$; Ib., \$1.50.



Scarlet Globe Radishes.
SPARKLER WHITE TIP. Very similar to Scarlet Turnip White Tipped as to size and time of maturity. Has a beautiful bright scarlet top, with tip of purest white. It is solid, crisp and sweet. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50.

## French Breakfast

A medium-sized radish, olive shaped, small top; of quick growth, very crisp and tender, of a beautiful scarlet color, with small white tip. Splendid for the table on account of its attractive color and fine quality. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50.

## LONG VARIETIES

White Icicle The roots are perfectly white in color, long, slender and tapering in shape. The flesh is crisp, tender, mild in flavor and of exceptionally fine quality. Admirably adapted for growing under glass as well as in the open ground. The earliest of the long white sorts. Pkt., 10c; 0z., 15c; 1/4 lb., 45c; lb., \$1.50.

CHARTIER, or SHEPHERD. A very handsome sort; roots 7 to 8 inches long and rather thick, deep scarlet at the top, shading to pure white at the tip; somewhat later in maturing than other long scarlet sorts. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50.

CINCINNATI MARKET (The Glass). A long radish of light pink color, white tipped, of uniform size. The flesh is transparent white, always crisp, brittle, and of mild flavor, even if grown to a large size. Largely grown for the market, especially in the South. Roots 6 to 7 inches long, with small tops. Pkt., 10c; ozo, $15 \mathrm{c} ; 1 / 4$ lb., 45c; lb., \$1.50, \$1.50. color. Pkt., 10c; oz., 15c; 1/4 lb., 45c; Ib., \$1.50. lb., 45c ; lb., \$1.50. and 2 inches thick. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50. at such low cost. Lb., 25c.


Salsify.

## LONG RADISHES-Continued

WHITE STRASBURG. Roots are about five inches long, thick at the shoulder and abruptly tapering; skin and flesh pure white, and remain firm and brittle longer than most varieties. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb.,

## FALL OR WINTER VARIETIES

LONG BLACK SPANISH. One of the latest and hardiest varieties for winter use; roots 8 to 9 inches long, 2 to 3 inches in diameter and nearly black in

ROUND BLACK SPANISH. Roots are round, 3 to 4 inches in diameter; skin almost black, flesh white, crisp and pungent. Pkt., 10c; oz., 15c; 1/4

ROSE CHINA WINTER (Scarlet China). One of the very best winter sorts; stump-rooted or blunt at both ends; skin smooth and bright, deep rose color; flesh white, crisp and pungent; the roots grow 4 to 5 inches long

## RAPE

DWARF ESSEX. There is no plant that will give as large a yield of forage

## RHUBARB

1 ounce will sow 25 feet of drill, $31 / 2$ pounds per acre.

CULTURE.-Sow seed in a cold frame about the first of March, in drills 4 inches apart. Transplant to a rich soil and set in rows 12 inches apart each way. Transplant again early the next spring to permanent location, setting roots 4 feet apart each way in rich soil. Rhubarb is ready for use the second year from seed.

MYATT'S LINNEUS GIANT. An early varìety, immense stalks and very tender. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$2.00.

1 YEAR OLD ROOTS. 15 c each; $\$ 1.50$ per doz.; $\$ 12.00$ per 100.
2 YEAR OLD ROOTS. 35c each; \$3.50 per doz.; $\$ 22.50$ per 100.

## SALSIFY



White Icicle Radish.

## t ounce for 50 feet of drill, 9 pounds per acre.

CULTURE.-Sow in drills 12 inches apart 1 inch deep. After plants are up 3 inches high, thin to 6 inches apart in the row. Cultivate about the same as for carrots. The roots will carry through the winter if left standing in rows. This vegetable can be served in a number of different ways, as soups, or fried or mashed like potatoes or turnips. You should grow this excellent vegetable in your garden.

Mammoth Sandwich Island The largest and most profitable Salsify under cultivation. Roots heavy, of agreeable flavor, white in color and a satisfactory sort in every way. Pkt., 10c; oz., 30c; 1/4 Ib., 75c; lb., \$2.40.

## SORREL

A hardy plant grown for its leaves which are used as boiling "greens" or salad, also for making soup.

[^2]LARGE=LEAVED FRENCH. Excellent large leaves and fine flavor, bearing abundantly. Pkt., 10c; oz., 30c; 1/4 lb., 80c.

## SQUASH

1 ounce will plant 25 hills, 3 to 4 pounds an acre. CULTURE.-The general principles of culture are the same as for cucumbers and melons. The summer varieties should be planted 4 feet apart each way and the winter sorts 6 feet. Three plants are sumcient for a hill. Care should be taken not to break the stems from the squashes intended for winter use, as the slightest injury will increase the liability to decay.

## SUMMER VARIETIES <br> Mammoth White Bush Scallop

 usually good quality often frowing 12 in eter, somewthat warted and of a clear, waxy-white color. Excellent flavor and very productive. Pkt., © Oc; oz., 2sc; 1/4 lb., 60c; lb., \$2.00.EARLY YELLOW BUSH SCALLOP. A flattened scalloped bush squash of largest size. The skin is deep orange. This sort is extensively used for home gardens where a yellow scalloped squash is desired. Pkt., 100; oz., 20c ; 1/4 lb., 60c; lb., \$2.00.


GIANT SUMMER CROOKNECK (Bush). One of the earliest summer varieties; fruits often 2 to $21 / 2$ feet long, very warty and deep orange in color. Pkt., $10 \mathrm{c} ;$ 0z., 20c; $1 / 4 \mathrm{lb}$., 60c ; Ib., $\$ \mathbf{2 . 0 0}$.


Golden Hubbard Squash.
Improved Hubbard A fine winter squash fruits large, heavy and moderately warted; shell dark bronze-green showing more or less light-green markings toward blossom end; flesh bright orange-yellow, fine grained, thick and dry. Pkt., 10c; oz., 25c; 1/4 1b., 75c; lb., \$2.50.
WARTED HUZBARD. Similar in size and quality to the well-known Hubbard, but is more heavily warted and a very dark green. Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.50.

> Don't Fail to Add Rock's Bountiful Beans to Your Garden this Year. They are Unexcelled.

GOLDEN CUSTARD. A mammoth strain of yellow Bush Scallop. Pkt., 10c; oz., 20c; 1/4 Ib., 60c; Ib., \$2.00.

## GOLDER SUNMER CROOKNECK

 (Bush). Early and productive summer sort, fruits about a foot long, and of a bright yellow color. Pkt., 10c ; oz., 20c; $1 / 4 \mathrm{fb}$., 60c ; lb., $\$ 2.00$.
## VEGETAELE MARROW (Bush). An

 English variety for summer and fall use; grows about 9 inches long and perfect oblong in form; shell pale yellow, flesh white. Pkt., 10c; 0z., 25c; 1/4 lb., 75c; lb., \$2.50.
## WINTER VARIETIES

 Golden Tribbard Anexcellent, variety; the shell is moder ery early hard , the shell is moderately warted, color, with and of a rich orange-red color, with occasional creamy stripes running toward the blossom end, and deep green on the button; flesh deep orange, dry and of best quality; an excellent keeper. We highly recommend this variety. Pkt., 10 c ; oz., 25c; $1 / 4$ 1b., 75c; 1b., \$2.50.DELICIOUS. One of the finest flavored of all squashes. Grows to weigh five to ten pounds; keeps well. Color a green shade; flesh is very thick, dry and deep orange in color. Pkt., 10c; oz., $25 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 70 \mathrm{c}$; lb., $\$ 2.25$.

## SPINACH

1 ounce will sow 100 feet drill, 10-12 pounds per acre.
CULTURE.-Most popular of plants for greens ?lant seed in rich ground, in rows 12 to 14 inches apart, and cover 1 inch deep. Thin to about 6 inches apart. Cut before hot weather, when young and tender. For early spring plants, sow seed in August or September and protect with a light covering of leaves or straw. Spring planting should be made as early as the ground can be worked, and, for succession, until May 1 st . To produce large leaves and luxuriant growth, good soil is necessary.
Long Season Plant makes a flat rosette crumpled, broad and pointed leaves. One of the very best long-standing varieties. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 85c.
BLOOMSDALE SAVOY LEAVED. A very early and hardy sort, well adapted for canning purposes. Upright in growth with deep, glossy green leaves of medium size. Seed should be planted early as it has a tendency to go quickly to seed. Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1b., 85c.

NEW ZEALAND. Entirely distinct from the true Spinach; plant tall and spreading with numerous side shoots; leaves medium green, pointed; grows well in hot weather and under adverse conditions. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50.


Long Season Spinach.
LARGE VIROFLAY. Leaves are very large, broad, thick, much crumpled and dark green in color. Desirable for canning because of its clean, upright leaves. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 85c.
VICTORIA. Leaves very large and dark green in color, excellent in quality. Stands hot weather well and is exceedingly slow to run to seed. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 85c.

## TOMATOES

1 ounce of seed will produce from 3000 to $\mathbf{4 0 0 0}$ plan "
CULTURE.--Sow seed in a box or hotbed early and transplant into flats at least once to get a strong root growth. When danger of frost is over, set in open ground 3 to 5 feet apart each way and cultivate thoroughly.

## Rock's Perfected Earliana $\begin{gathered}\text { The he ear- } \\ \text { liest } \\ \text { and } \\ \text { n }\end{gathered}$

 best of the early tomatoes; very productive. Fruit round, very smooth and solid, and produced in clusters in center of the plant; color bright scarlet. Rock's perfected strain of this variety is unsurpassed. Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.50.BONNY BEST. An excellent early scarlet tomato for home use or for the market. Vines are very vigorous, fruit medium, uniform, smooth and meaty. A splendid forcing variety. Pkt., 10c; $1 / 2$ oz., 30c; oz., 50c; 1/4 lb., $\$ 1.50$.

Chalk's Jewel A most excellent, large, very productive; fruits extremely large, round, solid, with but few seeds; color bright red. One of the best early home garden tomatoes. About 10 days later than Earliana. Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.50.
GLOBE (Livingston's). A very vigorous, productive, medium early tomato, fruit globeshaped, smooth and solid; excellent texture. Pkt., $15 \mathrm{c} ; 1 / 2$ oz., $35 \mathrm{c} ;$ oz., $60 \mathrm{c} ; 1 / 4 \mathrm{lb} ., \$ 1.90$.
TRUCKER'S FAVORITE. A smooth, wellshaped sort of dark red color; does not easily rot or crack, ripens early, very prolific, good flavor, flesh solid, has few seeds. Pkt., 10c; $1 / 2$ oz., 30c; oz., 50c; 1/4 lb., \$1.50.


## TOMATOES-Continued

SUNNYBROOK EARLIANA. Extraordinarily solid, free from excessive water, very smooth and scarlet red: superior in texture and flavor. A heavy producer and an exce!lent shipper makes this a favorite tomato to truck gardeners. Pkt., 10c; $1 / 2$ oz., 40c; oz., 75c; 1/4 ib., \$2.75.
JOHN BAER. Produces 50 to 100 fruits to each plant. Ripens evenly without cripples, cracked or scarred fruit. Bright scarlet color; mild, deliciously sweet flesh, which is almost seedless. Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.50.

MATCHLESS. A. very dependable, large, smooth, second early sort; makes a good canning variety; color cardinal red. Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.50.
PONDEROSA. An exceptionally large, purple-fruited tomato, and for home use one of the best; fruit very solid, with but few seeds. Rock's strain of this variety has been perfected to remove roughness and tendency to split, which it formerly possessed. Pkt., 15c; 1/2 oz., 40c; oz., 70c; 1/4 lb., \$2.25.
STONE. One of the heaviest and most solid fruited of the large tomatoes of good quality. Vines vigorous and productive. Fruit round, deep scarlet, slightly flattened, very large and astonishingly heavy. The quality is unexcelled. Pkt., 10c; $1 / 2$ oz., 30c; oz., 50c; 1/4 lb., \$1.50.
TENDERLOIN. A large, solid, deep red variety, resembling the Ponderosa. pkt., 15c; liz oz., 50 c ; oz., 90 c ; 1/4 lb., \$3.25.
DWARF GIANT. A heavy producer and an excellent shipper. Recommended especially to planters for canning factories as very showy and productive. Pkt., 20c; 1/2 oz., 75c; oz., \$1.00; 1/4 lb., \$3.75.

## Victoria Whole Salad

 An exceedingly prolinc type and the best for serving whole. Fruits are of medium size, very firm, smooth and solid. Of ia rich, bright scarlet color. Pkt., 10c; $1 / 2 \mathrm{oz} ., 40 \mathrm{c}$; oz., 70c; 1/4 lb., \$2.50.

Victoria Whole Salad Tomatoes.

## SMALL FRUITED TOMATOES

RED PEAR. Fruits bright red and of excellent flavor. Used to make Tomato Figs. Pkt., $\mathbf{8 5}$; oz., 60c.

YELLOW PEAR. Fruit two inches long, 1 inch in diameter. Pickled in unbroken form. Pkt., 15c; oz., 70c.
YELLOW PLUM. Plum-shaped, yellow flesh, fine flavor. Pkt., 15c ; oz., 60c.
PEACH. Resembles a jeäch in shape and size. Desirable for preserving or decoration. Pkt., 10 c ; oz., 60c.

STRAWBERRY OR HUSK TOFMTO. The small yellow fruits are each enclosed in a husk and are of delicious flavor. Highls esteemed for preserves. Pkt., 15c; oz., 70r.

## Burbank's Preserving Small round

 oes, measuring only $3 / 4$ inch in diameter; unusually sweet, rich flavor; color bright; excellent for preserves, and very prolific. Pkt., 10c; oz., 60c.
## TOBACCO

2 ounces of seed is sufficient for an acre.
CONNECTICUT SEED LEAF. A popular sort used for cigar wrappers and home use. Pkt., 15c; oz., 50c
FINE HAVANA. Finest strain of imported seed. Pkt., 15c; oz., 50 c .

To prevent disappointment plant Rock's Double Tested Seeds.

## TURNIPS

1 ounce will sow 200 feet of drill, 2 pounds will sow an acre.
CULTURE.-For early use, sow as soon as the ground can be worked in spring in drills 15 inches apart and thin to 8 inches apart. For succession sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops.

## Early White Flat Dutch

(Strap-
leaved)
An old standard sort, and one of the most popular varieties for either spring or fall planting. Of medium size and a quick grower. Is flat with very small fine tap-root. Flesh and skin pure white; fine grained and sweet. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., 90c.

## Purple Top Strap Leaved

The most widely cultivated and best known variety. Roots flat, white on the bottom and reddish purple above ground; very early. A fine table variety which we may safely recommend. Pkt., 10c; oz., 15c; $1 / 4 \mathrm{lb}$., 30c; 1b., 90c.
EARLY SNOWBALL. Extra early. A small white globe, the earliest in maturity of its form and character. Fine for table purposes. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.25.
EXTRA EARLY WHITE MILAN. Tops small, distinctly strap-leaved, growing erect and compact. The roots are smooth, flat, symmetrical and handsome in appearance. The flesh is white, tender and sweet. Pkt., 10c; oz., 25c; 1/4 lb., 75 c ; lb., \$2.25.
EXTRA EARLY PURPLE TOP MILAN. Similar to the White Milan except that the roots are a little more flat, and the upper portion bright purple. Pkt., 10c; oz., 25c; 1/4 lb., 70c; lb., \$2.00.
PURPLE TOP WHITE GLOBE. Of a perfect globe shape with smooth, white skin; flesh pure white, firm and crisp, and of quick growth. A good keeper and is fine for market. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., 90c.


Improved American Purple Top Rutabagas.


IMPROVED GOLDEN BALL. The best of the yellow-fleshed turnips; the tops are small, round, smooth and deep yellow; flesh firm, crisp and of most excellent quality. Pkt., 10c; oz., 15c; $1 / 4 \mathrm{lb} ., 30 \mathrm{c}$; lb., 90c.

## RUTABAGAS <br> OR SWEDISH TURNIP

1 ounce will sow 200 feet of drill-1 to 2 pounds per acre.
Improved American Purple Top
One of the most desirable sorts. Hardy and productive; flesh yellow, of solid texture, sweet and well flavored; shape slightly oblong, with little or no neck. Smooth, with only small tap-root; color of skin purplish red above the ground and bright yellow below. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., \$1.00.
WHITE SWEET GERMAN. Flesh white, hard and firm. In the autumn and early winter it is apt to be hard, but mellows by keeping. Roots very large, globe-shaped; skin white. Pkt., 10c; oz., $15 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 30 \mathrm{c} ; \mathrm{lb}$., $\$ 1.00$.

## HERBS

| ANISE---Used for flavoring . . . . . . . . . . . . . . 10 c | $\begin{aligned} & \circ \mathrm{Oz} \\ & 25 \mathrm{c} \end{aligned}$ |
| :---: | :---: |
| BALM-Very fragrant leaves .............10c | 40 c |
| BASIL, SWEET--Leaves useful for flavoring. . 10c | 20 c |
| BORAGE-Leaves used for flavoring........10c | 35 c |
| CARAWAY-Seeds used for flavoring . . . . . 10c | 25 c |
| CORIANDER-Seeds used for flavoring......10c | 25 c |
| DILL-Used for flavoring pickles .........10c | 25 c |
| FENNEL, FLORENCE-A bulb-like vegetable |  |
| formed above ground at base of leaf- 10 c |  |
| stalk . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10 c | 25 c 25 c |
| LAVENDER-Leaves very fragrant . . . . . . .10c | 40 c |
| MARJORAM, SWEET-Used as a seasoning . . .10c | 35 c |
| ROSEMARY-Leaves very fragrant ........15c | 50 C |
| SAGE-A highly aromatic herb; most useful of all | 50c |
| SAVORY, SUMMER-Leaves for flavoring soups .15 c | 40 C |
| SAVORY, WINTER-Leaves for seasoning . . 15c | 50 c |
| THYME-Used as a seasoning .............15c | 60 c |



## ROCK'S LAWN GRASS SEED

A well planted and well preserved lawn is a source of true pride to any home-owner as well as the admiration of every "passer-by"; therefore it should be primary in the planting of home-grounds. It is not impossible to produce such a lawn even in the hot, dry climate of the Middle West. One may be had with very little expense and trouble.

We shall consider it a pleasure to be of service in helping solve your turf problems. A few helpful suggestions may be found in Rock's, "Creating Beautiful Lawns," which will be mailed free upon request.

It is very important to take into consideration the character of soil which is to be sown. If patrons will kindly inform us as to the character of the soil we shall be very glad to select a suitable mixture.

## ROCK'S COUNTRY CLUB LAWN GRASS SEED

One of the most celebrated mixtures of Grass Seed in the West, and justly so, considering its adaptability to the trying weather conditions of this climate. Many exhaustive trials covering a long period of years have produced this superb mixture, a combination of the fine-leaved, dwarf, hardy grasses that will produce and retain a beautiful
lawn throughout the summer. It is prepared from our own formula and is absolutely free from weeds and chaff. For new lawns we recommend about 125 pounds per acre or for small plots, 1 pound to 18 square feet.
L.b., 45c; 3 lbs., \$1.25; 5 lbs., \$2.00; 10 ibs., \$3.75; 100 lbs., $\$ 35.00$.

## ROCK'S SHADED LAWN GRASS SEED

An especially adapted mixture for the shated lawn where so many unsightly bare spots are noticeable. It is well to make frequent applications of agricultural slacked lime under such places that are shaded heavily; this prevents the soil from
becoming sour. Sow 125 lbs . per acre or 1 lb . to 18 square feet.

Lb., 50c; 3 lbs., \$1.40; 5 lbs., \$2.25; 10 lbs., $\$ 4.00 ; 100$ lbs., $\$ 37.50$.

## ROCK'S STANDARD MIXTURES

FOR GOLF COURSES. A mixture of the most suitable grasses that will survive hard weather and continuous wear. Write for prices.

FOR TERRAGES. A selection of the grasses that root deeply and yet retain the rich velvety green so uncommon in terraces. Lb., 55c; 3 lbs.,
\$^.60; 5 lbs., \$2.50; 10 lbs., \$4.75; 100 lbs., $\$ 45.00$.

FOR LAWN TENNIS COURTS. Partibularly adapted vhere a close, fine, elastic turf is needed which will withstand hard usage. Lb., 55c; 3 lbs., $\$ 1.60 ; 5$ lbs., $\$ 2.50 ; 10 \mathrm{lbs} ., \$ 4.75 ; 100 \mathrm{lbs} .$, $\$ 45.00$.

## ROCK'S ANNUALS

'The Annuals are of very easy culture, flowering the first year from seed. Among the annuals are flowers of every color and description, suitable for any location you may wish to plant.

Directions for Growing Annual Flowers. The seed bed must be thoroughly dug or plowed, it is best to turn under the top-soil of the previous year. A light application of well-rotted manure turned under in plowing, will prove very beneficial. Pulverized with a rake or harrow, removing all clods, stones, etc.

Most Annuals should be planted from April 15 th to May 15 th, providing the weather permits; for early flowering, some may be started inside in early March and transplanted to the open the latter part of April.

In sowing the seed be sure you do not cover deeper than 4 times the thickness of the seed. Water lightly, this should be done with a sprinkling can or very fine spray in order that the seed may not be washed out. The seed bed should be watered at least once a day, do not allow the ground to become hard and dry. When plants are well started, a thorough watering once every two days should be sufficient. Cultivate with a hoe regularly in order that the soil about the plants will not become packed.

## ABRONIA

Umbellata (Sand Verbena). A handsome trailing plant, with clusters of sweetscented flowers resembling Verbenas in shape, but of smaller size; color rose lilac with white eye. Admirably adapted for rockwork. Height, 6 inches. Pkt., 10c.

## ACROCLINIUM (Everlasting)

This beautiful flower somewhat resembles the strawflower. It is largely used for winter bouquets, for which purpose the flowers should be cut before they are fully expanded. Height, 15 inches. Sow seed in early May.

Double Mixed. Pkt., 10c; 1/4 oz., 30c.

## ADONIS (Pheasant's Eye)

Aestivalis. A pleasing annual, growing from 10 to 15 inches high, with feathery fern-like foliage. Flower of a beautiful dark scarlet measuring up to 3 inches in diameter. Most excellent for cutting, as the flowers last nearly two weeks in water. Sow seed in April or early May. Plants should be at least 18 inches apart. Pkt., 15c.

## AGERATUM

One of the best of bedding plants, the blooms literally making a carpet of color. Plants are very hardy and will thrive in localities where other bedding plants fail. Very easily raised from seed, which may be started in a hotbed and transferred to the open ground in May. May also be sown out doors in May.

Little Dorrit. Produces a multitude of skyblue flowers. Height, 9 inches. Pkt., 10c; 1/4 oz., 35c.

Little Doprit, White. Similar to Dorrit Blue except flnwers are of pure snow white, the best of the white varieties. Height, 9 inches. Pkt.g, 10c: 1/4 oz., 40c.


Ageratum, Blue Perfection.

Blue Perfection. Plants uniform in height; flowers large, deep amethyst-blue. Height, 18 inches. Pkt., $10 \mathrm{c} ; 1 / 4$ 0z., 30c.
Swanley Blue. Large flowers of exceedingly bright blue color. Height 10 in. Pkt., 10c; 1/4 oz., 30c.
Matve Beauty. Very compact, covered with beautiful mauve colored flowers. Height, 9 inches. Pkt., 15c; 1/4 oz., 60c.

## ALYSSUM

A fragrant hardy annual, bearing spikes of small white flowers in great profusion throughout the summer and auturnn. Useful for borders or early bedding flowers. Snw the seed early in spring.
Benthamii (Sweet Alyssum). One foot high, very fragrant. Pure snow white. Pkt., 10c; oz., 35c.
Little Gem. 3 to 4 inches high the best for borders. Pure white. Pkt., 10c; 1/4 oż., 20c; 1 oz., 50c.
Lilac Queen. A new and distinct variety of a beautiful lilac shade. Dwarf, compact and very fragrant. Pkt., 10c; 1/4 oz., 20 c.
Procumbens. Dwarf white, excellent for edgins and rockwork. Pkt., 10c; 1/4 oz., 20c.

## AMARANTHUS

Grown especially for their brilliant foliage. They thrive in hot, sunny locations. Are useful for tall border plants or for the center of large beds. Sow seed in early May.
Caudatus (Love Lies Bleeding.) Long drooning crimson flower spikes. Plants grow three to four feet high. Pkt., 10c.
Salicifolius or Willow Leaved. This variety never fails to attract attention. The long variegated red and yellow foliage makes it very useful for tall bedding or as a background. Height, 3 feet. Pkt., 15c.

## AMMOBIUM

Alatum Grandiflora. A white everlasting flower, splendid for winter bouquets; will grow well in sandy soil. Resembles the immortelles. Height, $21 / 2$ feet. Pkt., 10c.

## ANCHUSA

Capensis. A very attractive and popular annual. Flowers similar to giant Forget-Me-Nots, color bright blue with small white center, borne on slender stems, 18 inches long. Blooms throughout the summer. Fine for cutting. Pkt., 10c; $1 / 4$ oz., 20c.

## ARCTOTIS (African Daisy)

Grandis. Large white, daisy-like flower, with delicate mauve tint on underside of petals. Splendid for cutting, as the blooms last from a week to 10 days in water. Sow seed in early May for July flowers. Height, 2 feet. Pkt., 10c; $1 / 4$ oz., 30c.

## ARGEMONE (Prickly Poppy)

Grandiflora Alba. Has large white poppy-like flowers, 3 inches in diameter, with grayish green, thistle-like foliage. Blooms from July to November. Do not transplant unless absolutely necessary. Sow seed as soon as ground has become warm. Height, 3 feet. Pkt., 15c; $1 / 4$ oz., 30c.

## ARNEBIA

Cornuta. Beautiful rich yellow flowers marked with blackish-brown blotches. The blotches change the second day in bloom to a deep rich maroon and the third day disappear entirely, leaving the flower pure yellow. Exeedingly interesting to grow. Pkt., 20c.

## ANTIRRHINUM

The last few years this stately flower has become very popular for both bedding and cutting. Its beautiful flower spikes give a variety of color to the garden throughout the summer. For early flowers sow seed in cold frame in March, transplanting when weather is warm. For July flowers sow in open ground in May.

We are able to offer this season, the famous English strains of these superb flowers, conceded to be the greatest in the world; giant in size, perfect in form and magnificent in color.

## TALL VARIETIES

Growing from $21 / 2$ to 3 feet tall, excellent for cut bloom, or tall borders.
Rose d'Or. A lovely new shade of self salmonrose, shaded gold. Pkt., 10 c.
Bonfire. Bright cinnabar red, yellow blotch. Pkt. 10c.
Cerise King. (New). Brilliant cerise pink, with white throat and lip. Pkt., 20c.
Cottage Maid. Lovely pale pink with white throat. Pkt., 10c.
Nigrescens. A very dark crimson. Pkt., 10c.
Queen Victoria. Snowy white, very large flower. Pkt., 15c.
Rose Pearl. (New). Soft rose, white lip and throat, lip slightly tipped yellow. Pkt., 15c.
Yellow King. Deep golden yellow, large flower. Pkt., 20c.
Special Mixed. All of the above colors. Pkt., 10c.
Collection of 1 pkt. each of the above 8 varieties, 90 c .

## MEDIUM DWARF VARIETIES

A splendid class and very popular for either bedding or cutting, growing from 2 to $2 \frac{1}{2}$ feet high.
Captivation. Rich chamois, shaded delicate pink. rkt., 20c.
Enchantress. (New). A beautiful soft pink, large flower. Pkt., 20c.
Maize Queen. Salmon maize, yellow lip. Pkt., 15c.
Morning Glow. Bright terra-cotta orange; a bold spike. Pkt., 10c.
Peace. (New). Lovely rose pink with a light salmon shading. Pkt., 20c.
Prima Donna. Terra-cotta, daintily flushed pink and yellow. Pkt., 20c.
Yellow Beauty. Beautiful rich golden yellow. Pkt., 25c.
Sunset Mixture including all of the above varieties, 15c.
Collection of 1 pkt. each of the above 7 varieties, \$1.10.

## DWARF VARIETIES

Excellent for bedding purposes, growing from 15 to 18 inches high.
Black Prince. Very dark crimson flower, dark foliage. Pkt., 10c.
Electra. Salmon maize and orange; excellent. Pkt., 10c.
Flame. Magnificent brilliant orange-scarlet. Pkt., 20c.
Nelrose. Lovely, rich coral pink. Pkt., 25c.
Rosebud. Bright rose pink, white throat. Pkt., 15c.
White Queen. Pure white, excellent for pots or bedding. Pkt., 15c.
Rainbow Mixed. A well balanced mixture of the above varieties. Pkt., 15c.
Collection, 1 pkt. each of the above varieties, 85c.


Antirrhinum-Giąnt English Strains.

## ROCK'S ASTERS

One of the most important of all Annual Flowers, and justly so considering their excellent qualities. They afford not only beautiful cut blooms during Aug., Sept. and oct., but produce the most gorgeous bedding effects.

Rock's Aster seed throughout has been selected from the largest, finest and most true to type stocks. The varieties listed hereafter are the result of many years of extensive trials under the personal supervision of Mr. W. L. Rock, for the types best suited to the locality of the central states.

CULTURE.-Sow seed in the open ground in May for August and September blooms, or for earlier blooms in March or April in cold frames and transplant in May. The seed should be covered with about $1 / 4$ inch of good rich soil. When the plants are strong enough, transplant about 12 to 14 inches apart in deeply plowed, well pulverized beds. Asters must not be planted in freshly manured soil nor in soil that has been planted to Asters for two or three years previous. Unslacked lime or fresh wood ashes are beneflcial if stirred in the soil a ittle before planting and are said to counteract the ravages of the Aster blight. A few soakings with tobacco water around the roots during the growing season is also recommended.

## AMERICAN BEAUTY ASTERS

A recently developed large flowering type and one which we highly recommend. Plants from 2 to 3 ft. in height, of branching habit, commencing to bloom in September and blooming until frost Flowers very large, borne on extremely long stems, which makes an unsurpassed variety for cutting.
White Beauty. (New). Pure white, very large Pkt., 50c.
Crimson Beauty. (New). Deep, rich crimson. Pkt., 50c.
Carmine Rose. An excellent shade of red. 1 pkt., $20 \mathrm{c} ; 1 / 4 \mathrm{oz} ., 75 \mathrm{c}$.
Purple Beauty. Deep royal purple. 1 pkt., 20c; $1 / 4$ oz., 75 c .
September Beauty. Beautiful shell pink. 1 pkt., 20c; 1/4 oz., 75c.
Lavender Beauty. A delicate shade of orchid lavender. Pkt., $20 \mathrm{c} ; 1 / 4$ oz., 75 c.
Finest Mixed. Pkt., 20c; $1 / 4$ oz., 75c.

## ASTERMUM

On account of their size and Chrysanthemumlike appearance, have appropriately been named


American Beauty Aster.


Rock's Asters.
Aster-mums. The plants grow about 2 feet high, and come into bloom slightly earlier than the Crego.

## White

Lavender
Rose Pink
Mixed Colors
Each of the above colors, pkt., $15 \mathrm{c} ; 1 / 4 \mathrm{oz} ., 75 \mathrm{c}$.
Collection-1 pkt. each of the above 3 colors, 35c.

## EARLY WONDER ASTERS

The earliest Asters to bloom. Large double flowers borne on strong stems.

| White | Dark Blue |
| :--- | :--- |
| Rose | Mixed Colors |

Each of the above colors, pkt., 15c; $1 / 4$ oz., 60 c .
Collection-1pkt. each of above 3 colors, 35c.

## IMPROVED CREGO ASTERS

Extra large flowers, with long, loose twisted petals. The plants are vigorous growers and free bloomers, coming into flower just before the late Branching Aster. Height about 2 feet.

| White | Pink |
| :--- | :--- |
| Crimson | Purple |
| Rose | Lixed Colors |

Each of the above colors, pkt., 10c; $1 / 4$ oz., 50c.
Collection-1 pkt. each of above 6 colors, 50 c .

## KING ASTERS

These are of upright habit ( 18 inches to 2 feet high). Flowers large and double, petals quilled, making them distinct from all others and a very desirable class.
Lavender
Crimson Pink White

## Violet Mixed Colors

Each of the above colors, pkt., 10c; 1/4 oz., 50c. Collection-1 pkt. each of above 5 colors, 40 c .

## ASTERS-Continued

## MIKADO ASTERS

The plants attain a height of about 2 feet; of branching habit. The flowers, borne on long, strong stems, are of colossal size. Petals curled and $t w i s t e d$, resembling chrysanthemums.

\section*{Dark Vlolet Lavender <br> | Pink | Rose |
| :--- | :--- |
| Whlte | Fine Mixed |}

Each of the above colors, pkt., 10c; 1/4 oz., 50c.

Collection-1 pkt. each of above 5 colors, 40c.

## QUEEN OF THE MARKET ASTERS

A well known early flowering type of branching habit. About 18 inches high. Flowers of good size, round or ball-shaped, with petals slightly recurved.

## Blush Pink <br> Rose <br> White <br> Crimson

Each of the above colors, pkt., 10c; $1 / 4 \mathrm{oz} ., 50 \mathrm{c}$.
Collection-1 pkt. each above 6 colors, 50 c .

## VICTORIA ASTERS

Flowers very large and perfectly double, of globular shape and imbricated; plants of fine pyramidal form. $11 / 2$ feet high.
Day Break (Shell pink)
Purity (White)

## Lavender <br> Carmine Rose <br> Salmon Pink

Purple Violet


Rock's Improved Branching Aster.

## SINGLE FLOWERING ASTERS

The single asters offer a very pleasing change to the innumerable double sorts. Very attractive and popular. Flowers are carried on long stems, valuable for cutting.

Marshal Joffre Dark Blue (AnewScarlet) Lavender White Mixed Colors.

Each of the above colors, pkt., 10c; 1/4 oz., 50c.

Collection-1 pkt. each of the above 4 colors, 35 c .

## CHINA ASTERS

The China Asters are very desirable and popular for planting in beds and borders.

Mixed Colors. Pkt., 10c; $1 / 4$ oz., 30c.

## Mixed Colors

Each of the above colors, pkt., 15c; 1/4 oz., 75c.

Collection-1 pkt. each of the above 6 colors, 75c.

## BALSAM (Lady'sSlipper)

Double Camellia Flowered. These are the most perfect in form and largest yet developed in these old garden favorites. They are still among the most popular of garden annuals. Seed is best sown indoors in April and transplanted to the open in May. Height, $1 \frac{1}{2}$ to 2 feet.

## Light Pink

Salmon Rose

## White Perfection

## Scarlet

## Mixed Colors

Each of the above 4 colors, pkt., 10c; $1 / 4 \mathrm{oz} ., 30 \mathrm{c}$.

Collection-1 each of the above 4 colors, 30 c .
Rose Flowered Mixed. Resembling a rose in form. Pkt., 10c; 1/4 oz., 20c.

Spotted Mixed. Superbly blotched and spotted. Pkt., 10c; $1 / 4$ oz., 25c.


Double Camellia Flowered Balsam.

## BALLOON VINE

A very pretty, rapid growing annual climber with white blossoms and light green balloon-shaped fruits. Excellent for covering walls, stumps or unsightly places. Soak the seed a few hours in warm water before planting. Sow outdoors in May. Pkt., 10c; oz., 25c.

## BARTONIA

Aurea. A free blooming and showy hardy annual, worthy of much more extensive cultivation; large yellow flowers growing eighteen inches high. Sow seed outdoors in April or May. Pkt., 10c.

> When Ordering
> Be sure to write your name and address plainly. Orders will be delayed if the purchaser falls to sign his name or give his address.

## BEGONIA

Beautiful leaves and bears clusters of small waxy flowers. Very showy and will do well in shady places. Sow seed in hotbeds in February or March, transplanting to open ground in late May. Press seed into the soil, as it is so fine that on!y a slight covering can be given.

## TUBEROUS ROOTED BEGONIAS

This type is especially adapted for pot culture, but will do exceedingly well for bedding. The strains listed below are extensively used in England and contain a great variety of colors.
Giant Single. Laing's Gold Medal Hybrids. Mixed colors. Pkt., 25c.
Giant Double. Laing's Gold Medal Hybrids. Mixed colors. Pkt., 35c.

## FIBROUS ROOTED BEGONIAS

The fibrous rooted Begonias are unsurpassed for bedding plants. Height, 10 to 12 inches.
Gracilis Luminosa. Fiery scarlet; reddish brown foliage. Pkt., 25c.
Gracilis Prima Donna. Grimson rose shading to carmine at the center. Pkt., 25c.
Semperfiorens, Dwarf Vernon. Brilliant red flowers; bronze foliage. Pkt., 20c.

## BLUE LACE FLOWER

## (Didiscus Coerulea)

Often called Queen Ann's Blue Lace. A most beautiful flower for your garden, resembling the flower of the wild carrot in form but of a beautiful delicate azure blue. Excellent for cutting, but old flowers should be cut off as this tends to stunt both blooms and plant. Sow seed either in hotbed in March or open ground in late April. Pkt., 20c; 1/4 oz., 65c.

## BRACHYCOME IBERDIFOLIA

## (Swan River Daisy)

A charming annual deserving greater popularity. The plants, which grow about 10 inches high, are covered with small, daisy-like flowers in shades of blue and lavender. Suitable for small beds, edging or pot culture. Seed may be sown either in frame in March or outside the latter part of April. Pkt., $10 \mathrm{c} ; 1 / 4 \mathrm{oz} ., 40 \mathrm{c}$.

## CACALIA

(Tassel Flower, or Flora's Paint Brush)
A neat annual, of easy culture, with tassel-shaped flowers, hlooms from June to September; fine for borders Sow seed outside the latter part of April.
Golden Yellow. Pkt., 10c.

## CALCEOLARIA

Scotch Perfection. An ornamental house plant, producing a mass of beautiful pocket-like flowers in the spring. Seed is best sown inside in August or September. Care should be taken in planting, as the seeds are very fine. Just press lightly into the soil. Height, 1 foot. Pkt., 50c.


Calendula-Pot Marigold.


Bhe Lace Flower.

## CALENDULA

( Pot Marigold)
A bed of Calendula is one of the bright spots in the garden. Very popular on account of their ease of culture and continuous bloom throughout the summer. Plants about 1 foot high and 1 foot in diameter. Plant outside the latter part of April, or for early blooming, inside in March transplanting first of May.
Orange King. This variety is being grown indoors in winter as well as in the garden during the summer. Bears giant flowers, sometimes 4 inches in diameter. Color, bright orange. Pkt., 10c; 1/2 oz., 25c.
Lemon Queen. Like the above but of pure lemon yellow. Pkt., 10c; $1 / 2$ oz., 20 c.
Meteor. Handsome, double and beautifuly striped, cream white petals, edged with or-ange-yellow. Pkt., 10c; 1 oz., 30c.

## CALANDRINIA

Grandiflora. A beautiful dwarf growing bushy annual, bearing spikes of large rose colored flowers excellent for rolor effect. does best in a warm sunny situation. Sow outside the first of May. 1 foot. Pkt., 10c.

## CALLIOPSIS

One of the best and most showy garden annuals, covered with masses of rich golden, red and brown flowers. It is best to sow where they are to bloom, thinning out to 10 inches apart. To lengthen blooming period keep the old flowers cut off. Excellent for cutting. Height, 1 to 2 feet.

Drummondii. Large, rich, golden yellow flowers with very small chestnut-brown centers, produced in abundance. 18 inches high. Pkt., 10c; $1 / 4$ oz., 20c.
Crimson King. A fine dwarf sort 12 inches high; color rich velvety red. Pkt., 10c; 1/4 oz., 30c.
Golden King. Golden yellow with brown center. 18 inches high. Pkt., $\mathbf{1 0 c}$; $1 / 4 \mathbf{o z} ., \mathbf{3 0 c}$.
Tinctoria Tigrina. Another showy variety, the large flowers being bright yellow, daintily splashed maroon. 24 inches. Pkt., 15c; 1/4 oz., 50c.
Mixed Colors. Pkt., 10c; 1/4 oz., 25 c .

## CARNATION

Rock's varieties of these popular flowers are unsurpassed in beavity and variety of coloring, also in their delightful fragrance. Seeds sown in early spring will flower very profusely from July till frost.
Chabaud's Earliest French. From the ease with which this fine carnation can be flowered as an annual it has attained a popular position, and will continue to ${ }^{\prime}$ hold a foremost place in the garden. The beautiful fringed double flowers make a brilliant display of attractive coloring in the open and are greatly prized for table decoration. Mixed colors. Pkt., 25 c .

Marguerite Carnations. These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of extra fine quality, producing on long, strong stems an abundance of large, double, beautifully fringed, highly scented flowers: with slight protection they will survive an ordinary winter and bloom freely the following spring.

White

## Rose <br> Yellow

Mixed
Pkt., 15 c .
Collecticn-1 pkt. each of above 4 colors, 50 c .

## ROCK'S SERVICE MEANS CLOSE PERSONAL ATTENTION TO EVERY ORDER

Our interest does not cease with the sale, but only begins with it, and we are always ready with any advice you may need to achieve success in your garden.

## CANDYTUFT

(Iberis)
Old-fashioned gardens abounded with candytuft and it still holds its place in the modern gardens. Excellent for borders, bedding and rockwork; may be planted in the fall for early spring flowers. For summer flowers sow in April. Height, 1 foot.
Crimson. Pkt., 10c; 1 oz., 40c.
Lilac. Pkt., 10c; 1 oz., 40c. Pink. Pkt., 10c; 1 oz., 40c. Giant White Hyacinth Flowered. A giant Candytuft, bearing immense snowy-white spikes, the blooms of which often measure 10 inches or more across. Pkt., 10c; !'2 oz., 35c; 1 oz., 60c.
Empress. Large trusses of pure white flowers. Pkt., 10c; $1 / 2$ oz., 35c; 1 oz., 60c.
Mixed Colors. Pkt., 10c; 1 oz., 35c.

## CARDINAL CLIMBER

Probably the most popular annual climber; growing rapidly up to 25 feet high; deeply cut leaves: clusters of cardinal-red tubular flowers. $11 / 2$ inches across. Excellent for covering stumps, trellises, etc. Soak the seed 12 hours in warm water before planting. Sow the latter part of April. Pkt., 20c; 1/4 oz., 75 c .

The Celosia, Improved Tall Cristata is indeed one of the largest and most showy or Garden Flowers.


Marguerite Carnations.

## CELOSIA (Cockscomb)

Prized very highly for both bedding and cutting. Of extremely easy culture and very showy in the garden, beautiful for color effect and dried winter bouquets. Sow seed inside in March and transplant to the open in May or sow outdoors in April and May.

## CRISTATA TALL

Improved Cristata Tall Mixed. (Imported strain). The most wonderful as well as the largest type of Cockscomb that has ever been introduced. A great improvement on the Chrysanthefolia which we offered last season. In our trials this superb type produced giant heads that measured 14 inches across and in the most gorgeous colors of yellow, orange, mauve, light green, red, pink, salmon, old rose and any number of unusual shades. We have contracted for a large quantity of this item so are able to offer packets for 25c each or 3 for 50c.

## CRISTATA DWARF

Immense velvet-like heads growing from 12 to 18 inches high. An excellent pot plant as well as a good low border.

Glasgow Prize. Magnificent, large dark crimson combs. Pkt., 10c.

Empress. Rich crimson. Pkt., 10c.
Cristata Dwarf Mixed. (Imported strain). Pkt., 10c; 1/4 oz., 60c.

## FEATHERED OR PLUMED

Beautiful, large, feather or plume like heads.

## Crimson

White
Yellow
Pkt., 10c; 1/4 oz., 30c.
Collection-1 each of above 3 colors, 25 c .
Mixed. Pkt., 10c; 1/4 oz., 30c.


Centaurea Cyanus.


Celosia Cristata, Tall.

## CELOSIA CHILDSII or Chinese Woolflower

Three to four feet high with large ball-shaped flower heads of brilliant color, blooms from July till frost. Sow inside in March and transplant the first of May or sow outside the latter part of April.
Crimson. Pkt., 15c. Dark Pink. Pkt., 20c.
Pink. Pkt., 15c. Yellow. Pkt., 35c.
Collection-1 each above 4 colors, 75 c.
Mixed. Pkt., 25c.

## CENTAUREA

Centaurea Cyanus. (Cornflower, Bachelor's Button, Blue Bottle, Bluets, Ragged Sailor.) Wonderful flowers for cutting and very easily grown. Beautifully fringed, fragrant blooms, flowering freely from July until frost. Reseeds itself from year to year making it valuable for naturalizing. Seed may be sown in the Fall for early blooming or in April and May for summer flowers. 2 to 3 feet.
Double Blue. Pkt., 10c; $1 / 2$ oz., 40c.
Double Pink. Pkt., 10c; $1 / 2$ oz., 40c.
Double Mixed. Pkt., 10c; 1 0z., 50c.
Single Blue. Pkt., 10c; 1/2 oz., 30c.
Single Mixed. Pkt., 5c; 1 oz., 40c.
Centaurea Imperialis. This beautiful class is undoubtedly the finest of all Sweet Sultans. The beautiful sweet-scented, artistic shaped flowers are borne on long, strong stems, and when cut will last a week in water.

## White <br> Rose <br> Mixed

## Purple <br> Deep Lavender

Pkt., 10c; 1/4 oz., 25c.
Collection-1 each of above 4 colors, 30c.
Candidissima. (Dusty Miller). Broad silvery white foliage; fine for edging. Seed should be sown indoors in March and transplanted to the open in May.

Pkt., 15 c .
Gymnocarpa. Beautiful silvery gray leavès arching gracefully. Pkt., 10c.
Americana. Immense thistle-like blooms of a rose-lavender color. Height, 3 feet. Pkt., 10c.
Suaveolens. A very pretty yellow-flowered variety, very sweet scented. Pkt., 10c; 1/4 oz., 35c.


## CLEOME (Giant Spider Flower)

Pungens. The plant attains a height of $31 / 2$ feet, well branched, each branch terminated by a large head of bright rosy-lilac flowers. It makes a striking subject for large beds or for interspersing in the shrubbery border, and is used extensively in many of the public parks. Seed should be sown in the open ground as soon as the weather is warm and settled, and the plants given sufficient room to develop their full beauty. Pkt., 10c; 1/4 oz., 25c.

## COBAEA

A fine summer, climbing plant, quick growing and bearing large, bell-shaped flowers. In sowing, place the seed edgewise and cover lightly. It will be beneficial to soak the seed in warm water for 6 to 8 hours before sowing. Height, 20 feet.

Cobaea Scandens. Blue. Pkt., 10c; 1/4 oz., 25c.

Cobaea Scandens Alba. White. Pkt., 15c; 1/4 oz., 50c.

If you are unable to find what you want consult the INDEX.


Clarkia.

## CHRYSANTHEMUMS

## Annual Varieties

Showy and effective garden favorites, extensively grown for cut flowers and summerflowering border plants; quite distinct from the hardy perennial and autumn flowering varieties. Sow seed as soon as ground has become dry and warm. Height, 2 feet.
Evening Star. Single bright golden yellow. Pkt., 10c; 1/4 oz., 30c.
Morning Star. Single; delicate primrose. Pkt., 10c; 1/2 oz., 30c.
Eastern Star. Clear yellow petals, dark center, single. Pkt., 10c; $1 / 2$ oz., 30c.
Bridal Robe. About 2 feet high, with beautiful feathery foliage and pure white intensely double flowers bearing from mid-summer till frost; splendid for cutting. Pkt., 25c.
Annual Double Hybrids. Mixed colors. Pkt., 10c; 1/4 oz., 35c.

## CLARKIA

A most beautiful annual, and would be more extensively grown if its excellent qualities were better known. Tall spikes densely covered with handsome double flowers, resembling a spray of apple blossoms. Sow in late April. Height, $21 / 2$ feet.
Brilliant. Rich crimson scarlet. Pkt., 10c.
Carmine Queen. Light carmine. Pkt., 10c.
Chamois Queen. Pale chamois. Pkt., 10c.
Orange King. Reddish orange. Pkt., 10c.
Purple King. Beautiful light purple. Pkt., 10c.
Salmon Queen. Extra double; salmon pink.
Pkt., 10c.
Scarlet Queen. A brilliant orange-scarlét. Pkt., 10c.

Double Mixed. Pkt., 10c; $1 / 4$ oz., 30c. Collection-1 pkt. each above 7 colors, 60c.

## COLEUS

These beautiful and ornamental foliage plants, producing the most attractive colors, are a most interesting subject to grow from seed. To watch the foliage change into a variety of colors as it grows day by day is wonderful. The seed is very fine, so in sowing merely press them into the soil and vater very lightly. They should be planted inside in March and transplanted about the first of May.
Superb New Hybrid. From a celebrated collection of named varieties. Pkt., 25c.
New Large-Leaved Hybrids. Extremely large, beautifully colored sorts. Pkt., 25c.

## COSMIDIUM

Orange Crown. A new annual forming elegant bushy plants 2 feet high. Flowers $11 / 2$ in. in diameter of golden yellow color, shading to a rich chestnut brown in the center. Excellent for cutting. Sow the seed in the open ground in April or May. Pkt., 10c.

## cosmos

One of the notable fall flowers. A strong, tall-growing annual, with bold flowers of exquisite daintiness and airiness, heightened in effect by their foliage setting of feathery green. It is most effective when planted in broad masses, or long background borders against evergreens or fences. We offer only the choice, large-flowering strains. Seed may be sown when ground has become dry and warm.

## GIANT LATE-FLOWERING

 or Lady LenoxHuge flowers, often measuring 4 inches across, on long stems.
Giant Crimson. Pkto, 10c; 1/4 oz., 25c; 1 oz., 75c.
Lenox White. Pkt., 10c; $1 / 4$ oz., 25c; 1 oz., 75c.
Lenox Pink. Pkt., 10c; $1 / 4$ oz., 25c; 1 oz., 75c.
Mixed Colors. Pkt., 10c; 1/4 oz., 25c; 1 oz., 75c.
Collection-1 pkt. each of the above 3 varieties, 25c.
Klondyke Orange. Very bright orange. Pkt., 15c; 1/4 oz., 40c; 1 oz., \$1.25.

## EARLY GIANT:

## FLOWERING COSMOS

Large, lovely flowers in many colors. Hardy, rapid-growing plants, 4 to 6 feet high. Sow seed in spring when danger from frost is past. Blooms from July to frost.
Early Giant White. Pkt., 10c: $1 / 4$ oz., 30c.
Early Giant Pink. Pkt., 10c; $1 / 4$ oz., 30c.
Early Giant Crimson. Pkt., 10c; 1/4 oz., 30c.
Early Giant Mixture of Colors. Pkt., 10c; 1/4 oz.s 30c.
Collection-1 pkt. each of the above 3 colors, 25 c .

## DOUBLE CRESTED COSMOS

A beautiful variety of recent introduction. Flowers double crested, having double centers.
White. Pkt., 30c. Crimson. Pkt., 30c.
Double Mixed. Pkt., Soft Pink. Pkt., 30c.
30c.


Single Dianthus.

## DIANTHUS OR PINKS

In this greatly varied genus are some of our most beautiful and best-loved flowers, unsurpassed for color and fragrance. Seed can be sown under glass in the spring, or in an open, sheltered bed. The seedlings are easily transplanted and should stand 8 to 12 in . apart. If especially large, brilliant flowers are desired, a bed of loam, leaf-mold and well decayed manure should be prepared. Height, 1 ft .

## SINGLE VARIETIES

Crimson Belle. Rich velvety crimson, single flowers. Pkt., 10c; $1 / 4$ oz., 40c.
Queen Alexandra. Single flowers, pure white. Pkt., 15c; 1/4 oz., 70c.
Salmon Queen. Large, single, well formed, nicely fringed flowers of brilliant salmon color. Pkt., 10c; 1/4 oz., 50c.
Vesuvius. Orange - scarlet single. Pkt., 10c; $1 / 4$ oz., 50c.

## DOUBLE VARIETIES

Fireball. Rich, blood - red double flowers. Pkt., 10c; $1 / 4$ oz., 50c.
Heddewigii FI. PI. (Double Japanese Pinks). Double mixed. A mixture of the richest shades. Pkt., 10c; 1/4 oz., 40c.
Mirabilis FI. PI. Large, wonderfully fringed double flowers on long, stiff stems, the colors ranging from pure white through all shades of rose to dark crimson. Pkt., 10c; 1/4 oz., 60c.
Snowdrift. Large, double, pure white flowers beautifully fringed. Pkt., 10c; $1 / 4$ oz., 60c.

## DAHLIAS

But few people know Dahlias can be raised from seed and will bloom the first year if sown early. The seed germinates easily and will grow in any garden. Plant in shallow box or pan early in March and transplant to the garden when all danger of frost is over.
Finest Single Mixed. (Selected from Named Varieties). Pkt., 20c.
Finest Double Mixed. (Selected from Named Varieties). Pkt., 20c.
Cactus Flowering Mixed. (Selected from Named Varieties). Pkt., 30 c .

## DATURA (Angel's Trumpet)

Showy, large-branching plants, growing three to five feet high, bearing immense trumpetshaped flowers, 2 to 3 feet. If started early will flower from early summer until frost.
Cornucopia. (Horn of Plenty). The mouth of the corolla is a creamy white, while the outside is marbled with deep purple. Pkt., 10c; $1 / 4$ oz., 50c.
Fastusa Huberiana. Large double flowers, mixed colors. Pkt., 10c; 1/4 oz., $25 c$.


Eschscholtzia Californica-California Poppies.

## ERYSIMUM (Fairy Wallflower)

Perofskianum. The plants grow about 18 inches high, bearing throughout the summer dense clusters of brilliant orange-yellow Wallflowerlike flowers, a rather unusual color in annuals. It is of the simplest culture. Sow the seed in the open ground in spring and give it a sunny position. Pkt., 10c.

## ESCHSCHOLTZIA (California Poppy)

The State flower of California. A genus of the Poppy family, fully as valuable as the common poppy for garden ornamentation, as it blooms continuously throughout the summer. One of the most beautiful of bedding plants. Sow the seed outside the latter part of April. They are best not transplanted. Height, 1 foot.
Californica. Small pale yellow flowers. Pkt., 10c; oz., 35c.
Golden West. Bright yellow with orange blotch at base of petals. Pkt., 10c; oz., 35c.
Crimson Queen. Light crimson. Pkt., 15c; 1/2 oz., 50c.
Double White. Pure white. Pkt., 15c; 1/2 oz., 65c.
Single White. Pure white. Pkt., 10c; oz., 35c.
Single Mixed. Pkt., 10c; oz., 35c.

## EUPHORBIA

Heterophylla (Mexican Fire Plant). Resembling in habit and color the beautiful hothouse poinsettia. The plants are of branching form, with smooth glossy green leaves. About midsummer the top center leaves of each branch turn a vivid orange-scarlet. Sow outside in April. Height, 2 to 3 feet. Pkt., 15c.
Variegata (Snow on the Mountain). Remarkably distinct plant; very showy with its variegated white and green foliage. Planted to advantage in clumps in shrubbery and the branches when cut may be used in mixed bouquets. Sow outside in April. Height, 2 feet. Pkt., 10c; oz., 40c.

## GERANIUM (Pelargonium)

Zonale. A superb strain of the largest and finest varieties. Very interesting to grow from seed, which should be started indoors and transferred to the open in May or June or sown in early May in the open ground.
Single Mixed. Pkt., 20c.

## DIMORPHOTHECA

(African Golden Daisy)
A rare and extremely showy annual from South Africa, which has become a great favorite on account of its easy culture and beautifully colored, daisy-like blossoms, $2 \frac{1}{2}$ inches in diameter, produced in great profusion. Sow seed outside the latter part of April.
Aurantiaca. A unique, glossy, rich orange gold, which brilliant coloring is rendered more conspicuous by the dark disk surrounding the black zone. Pkt., 10c; $1 / 4$ oz., 40c.
Aurantiaca Hybrida. Various shades of white, yellow and orange. Pkt., 10c; 1/4 oz., 40c.

## DOLICHOS (Hyacinth Bean)

A rapid-growing hardy annual climber with beautiful white or purple flowers which are followed by ornamental seed pods. Sow seed in April in the open ground.
White. Pure white, Pkt., 10c; oz., 25c.
Purple. Deep purple. Pkt., 10c; oz., 25 c.
Darkness. Dark vines with rose-violet flowers, seed pods dark red. Pkt., 10c; oz., 25c.
Mixed. Pkt., 10c; oz., 20c.

## GAILLARDIA (Blanket Flower)

## Annual Varieties

Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November: excellent for beds, borders or for cutting; should be sown where they are to bloom. Height, $11 / 2$ feet.
Amblyodon. Rich blood red, tipped yellow; single. Very attractive. Pkt., 10c.
Lorenziana Mixed. A charming, profuse, doubleflowering strain; beautiful mixed colors. Pkt., 10c; 1/4 oz., 30c.
Picta Mixed. Fine single sorts of showy colors. Pkt., 10c; 1/4 oz., 25c.


Annual Gaillardia, Lorenziana.

## GLOBE AMARANTH

## Gomphrena

Also known as Bachelor Button. An everlasting, with beautifully colored flowers resembling clover heads. They retain their color, and are admirable in winter bouquets. About 2 feet high. Sow seed in the open ground the latter part of April, thin out the young plants to 15 inches apart.
Purple. Pkt., 10c; 1/4 oz., 25 c .
Flesh. Pkt., 10c; $1 / 4$ oz., 25c.
White. Pkt., 10c; $1 / 4$ oz., 25c.
Orange. Pkt., 10c; $1 / 4$ oz., 25c.
Rose. Pkt., 10c; $1 / 4$ oz., 25c.
Mixed. Pkt., 10c; 1/4 oz., 20c.
Collection-1 pkt. each of the above 5 colors, 40 c .

## GODETIA

Magnificent hardy annuals, producing numerous delicately-colored flowers; especially attractive when grown in masses. They thrive in shady places. Plant seed in April, thinning out the young plants to 1 foot apart. One foot in height.
Rosamond. Very soft; shell pink of dwarf habit. Pkt., 15c; 1/4 oz., 35c.
Gloriosa. Large, attractive, brilliant blood-red flowers. Pkt., 15 c ; 1/4 0z., 35c.

## GOURDS (Ornamental)

A quick-growing interesting annual climber, useful for covering arbors, walls or fences. Ornamental foliage, with fruit in many peculiar shapes. Sow seed outside the middle of April.
Calabash or Pipe Gourd. Odd-shaped fruit which is used to an advantage in making pipes. Pkt., 10c.
Hercules Club. Fruit grows three to four feet long. Pkt., 10c.
White Egg. Fruit like hen's eggs and may be used as nest eggs. Pkt., 10c.
Dipper. May be used as a dipper. Pkt., 10c.
Dishcloth. The fibrous interior may be used as a sponge. Pkt., 10c.
Sugar Trough. Makes useful container, immense in size. Pkt., 10c.
Fancy Mixed. Pkt., 10c; oz., 35c.
Collection-1 each of above 6 varieties, 50c.


Globe Amaranth.

## GREVILLEA or Silk Oak

Robusta. A beautiful plant for decorative purposes of quick growth and very easy culture. The leaves are very light bronze color, the tips being covered with a soft down resembling raw silk, from which it derives the name of "Silk Oak." For the house it is unsurpassed. Sow inside in March. Pkt., 10c.

## GYPSOPHILA

The delicate, mist-like sprays of Gypsophila are invaluable for bouquets. They serve to lighten the effect of masses of other flowers and are especially useful with Sweet Peas and other flowers that can not readily be cut with their own foliage. Sow in April. Plants should be 12 inches apart. Height, 2 feet.
Elegans Grandiflora Alba. Pure white. Pkt., 10c; oz., 25c.
Elegans Grandiflora Carminea. Rose colored. Pkt., 10c; oz., 30c.

> Write for Rock's Leaflet on "Creating Beautiful Lawns." It Will Be Mailed Free Upon Request

## HELIANTHUS

 (Sunflower)Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. Sown in April or May they come into bloom early in summer, and keep a constant supply of flowers until frost. Seed is best sown where they are to bloom. Plant about the middle of April, thinning out to 12 or 14 inches apart.
Miniature Stella. (Improved Sunflower). Medium large single flowers, of the purest golden yellow, with black disc. Pkt., 10c; 1/4 oz., 20c.
Miniature Orion. Artistic and effective new variety. The petals are twisted similar to Cactus Dahlia; rich yellow. Pkt., 10c; 1/4 oz., 30c.

Diadem. Immense single flowers of primrose yellow. Pkt., 10c; $1 / 4$ oz., 20c.

New Annual Red. Deep red at the center, shading to golden yellow at the tips of the petals. Pkt., 10c; 1/4 oz., 20c.
Californicus FI. PI. The double-flowering form of the popular Sunflower. The flowers, while double, are quite free and graceful; of a bright golden yellow. Pkt., 10c; 1/2 oz., 20c.
Double Chrysanthemum Flowering. Large ball shaped flowers, finely fringed and of a beautiful golden yellow. Pkt., 10c; 1/2 oz., 30c.
Mammoth Russian. The common Giant Sunflower, grown mostly for its seeds, which make excellent food for parrots and poultry. Pkt., 5c; 1/4 lb., 15c; $1 \mathrm{lb} ., 45 \mathrm{c}$.


Helichrysum-Strawflowers.

Japonicus. A very ornamental and fast-growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a bright green; valuable for screening. Sow seed in late April, they are best not transplanted. Pkt., 10c.

## HUNNEMANNIA

## (Giant Yellow Tulip Poppy)

Foliage fine-cut, feathery blossoms, beautifully cupshaped, bright vellow, and about three to four inches across. Stems long and smooth. Unlike the average Popny, Hunnemannia will keen for several days in water and makes a splendid cut flower. Sow seed in the noen in April or May. 2 ft . Pkt., 10c; 1/4 oz., 25c.

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Humulus-Japanese Hop.

## IMPATIENS <br> (Sultan's or Zanzibar Balsam)

Charming plants for the decoration of the greenhouse or dinner table, producing bright, waxylooking flowers profusely and almost continuously. The young seedlings should be carefully handled, as they are exceedingly brittle.

Sultani. Flowers of brilliant rosy-scarlet color. Pkt., 25c.

Holstii Hybrids. Forms strong, bushy plants about 2 feet high, covered with attractive flowers; when grown as pot plants, they bloom the year round. Choicc mixed, all colors. Pkt., 25c.

## IPOMOEA

Climbers of exceedingly rapid growth, bearing a profusion of beautiful flowers. For covering Trellises, Walls, Fences, etc., this genus is invaluable. Before planting it is well to soak seed in warm water over night to assist rapid germination; sow seed late in April.
Heavenly Blue. Immense flowers of bright sky blue color. Very beautiful. Pkt., 15c; 1/2 oz., 40c.
Noctiflora (Moon Flower). At night and during cloudy days the vines are covered with an abundance of large pure white fragrant flowers, 5 inches in diameter. A very rapid grower, and excellent for trellises, etc. Pkt., 10c; $1 / 2$ oz., 35c; oz., 60c.

## IPOMOEA QUAMOCLIT (Cypress Vine)

One of the most graceful and beautiful of garden vines. For training upun a light trellis it is unexcelled. Its scarlet or white flowers are produced in profusion, and its finely-cut foliage is well adapted to ornamental work. Plants will reach a height of ten feet and if planted thick, will soon make a screen of exquisite foliage and flowers. Sow in May, first soaking the seeds in warm water for a few hours.
White. Pkt., 10c.
Scarlet. Pkt., 10c.
Mixed. Pkt., 10c.



Tall Double Mixed. A strong growing annual plant of branching habit bearing large sprays of brilliant colored single flowers resembling a daisy in form. Extremely valuable for cutting and table decoration. Sow outdoors about May 1st; plants should be at least 15 inches apart. Pkt., 20c.
Dwarf Double Mixed. A beautiful dwarf free flowering type bearing dense heads of double flowers in a good variety of colors, largely grown for bouquets. Pkt., 20c.

## KOCHIA TRICOPHYLLA

## (Summer Cypress)

A splendid ornamental annual plant, forming dense oval bushes, 2 to 3 feet high, of small, feathery light green foliage. As summer advances this changes to a carmine hue and finally to a fiery red. A very attractive plant at all times. Also called "Burning Bush." Pkt., 10c; $1 / 2$ oz., 20c.

## LANTANA

Dwarf Bedding Hybrids. Grow from 2 to 3 feet high, bearing verbena-like clusters of flowers in orange, whitẽ, rose and other colors, excellent for bedding. Seed may be sown indoors in March and transplanted or outdoors in April and May. Pkt., 10c; 1/4 oz., 30c.

H OR the convenience of those wishing to buy their seeds in the down-town district of Kansas City, you will find a very complete assortment at ...

## 1106 Grand Avenue ROCK'S



Tall Double Branching Larkspur.

## LARKSPUR

One of the most popular of garden flowers, blooming very quickly from seed and continuing until frost. The tall flower spikes are exceedingly beautiful for cut flowers and very attractive for beds or interspersed in the slirubbery border. Sow seed in April for July flowers or for early bloom sow seed in the Fall. Thin out the young plants to 8 inches apart. Height, 3 feet.

## TALL DOUBLE BRANCHING OR STOCK FLOWERED

|  | Pkt. | 1/4 oz. | 1 oz . |
| :---: | :---: | :---: | :---: |
| White | 10 c | 20 c | 60 c |
| Rose | 10 c | 20 c | 60 c |
| Purple | 10 c | 20 c | 60 e |
| Flesh | 10 c | 20 c | 60 c |
| Carmine | 10 c | 20 c | 60 c |
| Light Blue | 10 c | 20 c | 60 c |
| Mixed | 10 c | 20 c | 50 c | Collection-1 pkt. each of above 6 colors, 50 c .

## LAVATERA

A splendid annual, bearing large, cup-shaped flowers; an excellent plant for bedding or borders. The plants average two feet in height, branch freely and flower most profusely from July until fall. Sow in May where they are to bloom and thin out to 12 inches apart.

Splendens Alba. This beautiful pure white variety is a fine companion to Lavatera Rosea described below; habit, height and size of flower being similar. Pkt., 10c; 1/4 oz., 25c.
Splendens Rosea. The flowers are an exquisite shade of soft pink, with rich rose or carmine suffusion, which becomes deeper toward the center. The flowers average three inches in diameter and are borne profusely from midsummer until frost. As a border plant it always attracts attention. Pkt., 10c; 1/4 oz., 25 c.

## LEPTOSYNE

Maritima. Large, golden yellow flowers on long stems, greatly resembling coreopsis, with fine fern-like foliage. Good for cutting. Sow seed about the first of May. Plants should be 12 inches apart. Height, 2 feet. Pkt., 10c.

## LINUM - FLAX

A hardy annual, growing about one and one-half feet high. Of slender and graceful appearance, with smooth stems and bright red flowers, which are borne in great profusion. Gan be sown early out of doors and thrives well in good soil.
Grandiflora Album. White. Pkt., 10c;'oz., 35c. Grandifiora Rubrum. Rose colored. Pkt., 10c. oz., 35c.
Grandiflora Mixed. Pkt., 10c; oz., 30c.

## LOBELIA

Exceedingly useful plants for edging flower beds, their free-blooming qualities and brilliant colors making a pleasing contrast to the masses of reds and yellows so prevalent in bedding. They are also splendid for hanging baskets, pot culture, etc. Plant the latter part of April. The seeds are exceptionally small hence care should be taken in planting, merely press the seed into the soil. Height, 4 to 6 inches.
Crystal Palace Compacta. Dark blue. For borders and bedding. Pkt., 15c; 1/8 oz., 60c.
White Gem. Forms a ball of snow-white flowers. Pkt., 15c; 1/8 oz., 50c.
Prima Donna. Rich, dark red, compact and dwarf. Pkt., 15c; 1/8 oz., 50c.
Royal Purple. Purple with white eye, very compact. Pkt., 15c; 1/8 oz., 50c.
Finest Mixed. Pkt., 10c; 1/8 oz., 40c.
Collection-1 pkt. each of the above 4 colors, 50c.

## LUPINS

The annual Lupins are of easy culture, and in addition to their value as border plants are admirably adapted for cutting purposes. They attain a height of two feet, producing long flowerspikes. A slightly shaded situation is preferable. Sow seed the latter part of April. The plants should be at least 15 inches apart.
Pkt. Oz. Pkt. Oz.
Large Blue 10c. 40 c Yellow .... 10e 40 c White .....10c 40 c Mixed Colors10c 40 c Rose ......inc 40c
Collection-1 pkt. each of the above 4 colors, 30 c .


Lobelia.

## MALLOPE

Grandiflora Rosea. Large deep rose mallowlike flowers, growing from 4 to 5 feet high. Very easily grown from seed and blooming abundantly from July until frost. Sow seed outdoors early in May. Do not transplant unless absolutely necessary. Pkt., 10c.

## MARIGOLDS

The African and French Marigolds are invaluable for their flowers in late summer and can be grown to advantage in little clumps, with other plants in the front of shrubbery or in the garden border. They afford a wealth of color when other flowers have passed their prime. Seeds may sown in the open border, or earlier in a cold frame, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun. Excellent for cutting.

## AFRICAN MARIGOLDS

Beautiful large double flowers often measuring 4 inches in diameter and growing $21 / 2$ to 3 feet high.
 FRENCH MARIGOLDS (Dwarf)
The French varieties are smaller, some of them being elegantly striped and spotted, making extremely handsome borders, and remaining in full bloom until killed by frost.
Dark Brown. Double and of rich reddish brown color. Height, 15 to 18 inches. Pkt., 10c; 1/4 oz., 25c.
Gold Striped. Very double, deep brownish-red, edged golden-yellow. Height 1 ft . Pkt., 10c; $1 / 4$ oz., 25c.
Legion of Honor. Single. Forms compact bushes 9 inches high. Flowers golden-yellow, with a large spot of crimson in the center. Pkt., 10c; $1 / 4$ oz., 25 c .
Golden Yellow. Bright yellow with a chestnut brown margin. Pkto, 10c; 1/4 oz., 25c.
French Dwarf Mixed. Pkt., 10c; 1/4 oz., 25c.

## MARVEL OF PERU

 (Four O'Clocks)A very popular garden favorite. Easily grown from seed, which should be sown where the plants are desired, as they are not readily transplanted.
\& Sow any time in April or May. Handsome blooms open in the late afternoon, remaining during the whole night. Height, 2 Tht. Mixed colors. Pkt., 10c; 0z., 25 c .

## MATTHIOLA

Bicornis (Evening-scented Stock). This oldfashioned annual has no beauty to recommend it, the Jit being a dull purplish lilac, but it is-wetworth growing for the entrancing fragnance-which it emits during the evening. Pkt., 10 c .



Tall African Double Orange Ball Marigold.

## MATRICARIA (Feverfew)

Capensis Alba Plena. (A Double White Feverfew). Fine, hardy, free-flowering plants, produc-ing all season fine double white flowers. A fine bedding or pot plant. Sow the latter part of April or in May. Plants should be 12 inches apart. Height, 18 inches. Pkt., 10c; oz., 35c.
Golden Ball. Double, golden yellow flowers, borne in clusters. Excellent for edging. Height 1 foot. Pkt., 20c.
Silver Ball. Dainty silver white double flowers, which make a beautiful contrast with Golden Ball. Height, 1 foot. Pkt., 20 c.
Finest Mixed. Pkt., 15c.

## MAURANDIA

A climbing plant, frequently reaching 10 feet in height. Adapted for greenhouse, garden, vases, hanging baskets, etc. Gloxinia-like flowers in white, rose, purple and blue. A halfhardy perennial best treated as an annual. Mixed colors. Pkt., 10c.

## MESEMBRYANTHEMUM

Crystallinum (Ice Plant). Dwarf trailing annual plants. Flowers white; prized for its singular icy foliage. May be sown any time from the middle of April to the middle of May. Pkt., 10c; $1 / 4$ oz., 20c.


Mignonette, Rock's Manmoth Crimson.

## MYOSOTIS or Forget-Me-Not

None of the spring flowers are more admired than Myosotis. They create a wonderful effect when grown in large masses and afiord excellent blooms for cutting. The following varieties are biennial but may be treated as annuals if sown early in hotbeds and transplanted in May. For early spring flowers sow seed in July and give protection through the winter. They thrive best in partial shade. If given slight protection they will survive the winter.
Alpestris. Deep rich blue. Excellent for bedding or pot culture. Height, 6 inches. Pkt., 10c; 1/4 0z., 45c.
Alpestris Alba. Similar to Alpestris in form except flowers are pure white. Height, 6 inches. Pkt., 10c; 1/4 oz., 45c.
Alpestris Rosea. Dwarf compact habit, growing 6 inches high, bearing a profusion of beautiful rose colored flowers. Pkt., 10c; 1/4 0z., 45c:
Alpestris Blue Eyes (New). Beautiful indigo blue flower with a white eye, compact. 6 inches high. Pkt., 25c; 1/4 0z., \$1.00.
Sutton's Royal Blue. Early and free blooming; flowers of the deepest indigo blue, produced in long sprays which are excellent for cutting. Height, 12 inches. Pkt., 10c; 1/4 oz., 50c.
Mixed Colors. Pkt., 10c; $1 / 4 \mathrm{oz}$.g 40c.

## MINA

Lobata. An attractive free flowering, rapid growing climber, attaining a height of about 12 feet. The buds are a vivid red, changing upon expanding to a creamy white. Sow seed the latter part of April. Pkt., 15c.

## MIGNONETTE

The sweet yet delicate odor of the Mignonette has endeared itself to every true lover of flowers. Seed sown early in the garden will give flowers through the summer and a successive planting in July will afford blooms until irost. Partial shade is preferable. Height. 1 to $11 / 2$ feet.
Rock's Mammoth Crimson. Immense spikes closely set with florets of a rich orange red color. Exitraordinary keeping qualities and delightfully tranrant. Of exceptionally robust growth. Pkto, 10c; !/4 oz., 20c.
Defiance. From 12 to 15 inches long and very fragrant. Spikes have been kept in water three weeks after cutting, retaining the fragrance till every bud opened. Pkt., 10c; 1/4 oz., 20c.
Machet. One of the best Mignonettes for all purposes, either outside or inside culture. It is an ever-blooner , the flowers lasting until late in the fall. Pkt., 100; $1 / 4$ oz., 20c.
Odorata Grandiflora. A familiar and popular Sweet Mignonette. Flower spikes are small but are exceedingly sweet scented. Pkt., 10c; 1/2 oz., 15 c .

## MIMOSA (Sensitive Plant)

Pudica. The Sensitive Plant affords a good deal of amusement on account of its sensitive leaves, which close up instantly when touched. Sow outside after settled warm weather, or sow inside in March and transplant. Height, $11 / 2$ feet. Pkt., 10c.

## MORNING GLORY

Free flowering, beautiful climbers, with rich and varied colored flowers, very useful for covwring lattice work, verandas, etc., where they are exceedingly effective. Soak the seed for several hours in warm water before planting.
Major Tall, Mixed. Attains a height of 15 feet or more and comes in shades of rose, crimson, blue and white. Pkt., 10c; oz og 20c.

Imperialis (Imperial Japanese Morning Glory). The best Morning Glory for strong growth and variety of colors. Height, 15 to 20 ft . Pkt., 10c; OZ., 30c.

Major Dwarf. Tricolor. Forms compact bushes 1 foot high, covered with brilliant colored flowers slightly smaller than the climbing type. Mixed colors. Pkt.g 10c; 1 oz., 20c.


Myosotis, Sutton's Royal Blue.

## ROCK'S INVINCIBLE NASTURTIUMS

No flower excels the Nasturtium in brilliancy of color, profusion of bloom or length of flowering season, all which combine to make it an indispensable garden flower. Seeds of varieties listed below have been selected from improved strains of the respective types and colors.

## DWARF VARIETIES

Aurora. Deep chrome yellow.
Bronze. Reddish golden brown.
Chameleon. Various shades of red and yellow flowers on same plant.
Crystal Palace Gem. Sulphur, maroon blotches.
Cloth of Gold. Fiery scarlet.
Empress of India. Deep crimson, dark foliage.
Golden King. Rich, golden yellow; dark leaves.
Golden Queen. Golden orange.

King of Tom Thumbs. Dark scarlet, dark leaves.

## OR TOM THUMB

Pearl. Creamy white.
Prince Henry. Cream, spotted and tipped red.
Regelianum. Deep purplish crimson.
Vesuvius. Salmon rose, dark foliage.
Prices for any of the named varieties: Pkt., 10c; oz., 15c; 1/4 lb., 40c.
Dwarf Finest Mixed. All colors. Pkt., 10c; oz., 15c; $1 / 4 \mathrm{lb} ., 35 \mathrm{c}$.

Collection-1 pkt. each of the above 13 colors, $\$ 1$.
Collection-1 oz, each of the above 13 colors, \$1.60.

## TALL VARIETIES (or Climbing)

Chameleon. Combination of red and yellow flowers on same plant.
Dunnett's Orange. Pure orange.
Edward Otto. Brownish lilac.
Gold Garnet. Orange yellow, garnet blotches.
King Theodore. Deep crimson maroon; dark foliage.
Pearl. Creamy white.
Regelianum. Deep purplish crimson.
Rose. A lovely shade of rose.
Shillingi. Yellow spotted maroon.
Vesuvius. Deep apricot.
Prices for any of the named tall varieties: Pkt., 10c; oz., 15c; 1/4 lb., 35c.

Tall Finest Mixed. All colors. Pkt., 10c; oz., 15c; 1/4 lb., 35c.

Collection-1 pkt. each of the 10 named varieties, 75c.

Collection-1 oz. each of the 10 named varieties, \$1.20.

Lobbianum Special Mixed (Lobb's climbing). Pkt., 10c; oz., 20c; 1/4 lb., 45c.

## NEMOPHILA

A charming little annual plant, thriving especially well in moist, shady places, but quite at home in the open garden. The pretty, bell-shaped flowers, variously marked, are freely produced all summer. Plants 12 inches in height; of neat, bushy habit. Excellent for the ribbon border. Sow in Apriz.
Maculata. White spotted brown. Pkt., 10c.
Insignis, Mixed Colors. Pkt., 10c.


## NEMESIA

Strumosa, Sutton's New Hybrid. Charming annuals for small beds with very attractive or-chid-like flowers. The colors include white, yellow, orange, pink, crimson and blue. Does best in a cool, shady situation. Sow seed in April or May in open ground. They are not readily transplanted. Height, 1 ft . Pkt., 15c.


Nigella, Miss Jekyll. .

## NICOTIANA

In the evening and early morning this plant is covered with deliciously-scented, large, tube-shaped flowers. Easily grown from seed, which should be sown in May, or for early flowers start in the hotbed in March. Cuttings rooted in September will bloom freely in pots during the winter. Height, 3 ft .

Affinis. Pure white. Pkt., 10c; 1/4 oz., 25c.
Affinis Hybrid: Affording many shades of pink, red and white in extremely large flowers; sweetscented. Pkt., 10c; 1/4 oz., 25c.

Sanderae. The entire plant is laden with flowers of an intensely glowing rosy carmine color, making it incomparably beautiful and charming. Pkt., 10c; 1/4 oz., 20c.

Sanderae Hybrid. A splendid type in a great variety of colors. Pkt., 10c; 1/4 oz., 25 c .
Sylvestris. Grows about five feet high, with very symmetrical foliage. The very long, pendulous flowers are delicately fragrant, and are borne in great profusion. A bold, striking plant. Pkt., 10c; 1/4 oz., 20 c .

NOLANA
Trumpet-shaped flowers in the most beautiful colors
Very attractive in the border and excellent for cutting. Sow seed in May. Height, $11 / 2 \mathrm{ft}$. Pkt., 10c.

## NIGELLA

(Love-in-a-Mist, Devil-in-a-bush or Fennel Flower)

Miss Jekyll. The foliage is very fine and feathery, and the showy flowers in shades of blue are surrounded by a border, resembling green lace. Interesting in the garden and fine for cutting. Twelve to fifteen inches in height. Sow seed latter part of April or in May. Pkt., 10c; 1/4 oz., 20c.

White. Similar to Miss Jekyll except the color, being pure white. Pkt., 10c; 1/4 oz., 20c.

Mixed. Pkt., 10c; 1/4 oz., 15c.

## OENOTHERA (Evening Primrose)

The Evening Primroses are elegant subjects for growing in an exposed, sunny position, either in the border or in the rockery: blooms the entire summer. Care should be taken in sowing the seed, make planting rabout May 1st. Height, 1 to $1 \frac{1}{2}$ feet.

Afterglow (New). Golden yellow, intensified by a brilliant red calyx. Pkt., 15 c.
Drummondii. Deep yellow flower of immense size, suitable for rockwork. Pkt., $15 c$


Oenothera-Evening Primrose.

## ROCK'S GIANT PANSIES

Probably the most popular and best known of all garden flowers. The immense variety of colors which can be seen in innumerable shades may account for this popularity. Rock's selections as listed below are of the highest types under cultivation, seed specially selected from the largest and most beautiful stocks. For early spring flowers sow seed in early August and give plants a protection of a straw mulch during the winter, or where possible, plant in a cold frame. For summer blooming sow indoors in a box or cold frame in early March and transplant to a cool, partially shaded situation in April. Seed sown outdoors in April will produce blooms the last of June.

## NOVELTIES AND SPECIALTIES

Striata. Of huge size, in various shades 01 dark and rose pink mottled, and beautifully striped in true sunburst fashion. Pkt. of 100 seeds, 25c.
MIle. Irene. Rich deep henna red, an unusual shade in pansies. Pkt. of 100 seeds, 30c.
Mile. Isabelle. A ruffled bronze of immense size. A few yellow. Pkt., 25c.
Improved Orchidea. A beautiful shade of orchid lavender. Pkt., of 100 seeds, 25c.
Improved Volcano. A rich Burgundy red of giant size; a sensation in the pansy world. Pkt. of 100 seeds, 25c.

## GIANT MASTODON PANSIES

This new American strain of pansies created quite a sensation to visitors at our trial gardens this past season. The enormous flowers, well marked and in the most beautiful colors are justly deserving of the praise awarded them.
Panama Pacific. Huge deep yellow; few with dark centers.
Parisian Yellow. Pure golden yellow of beautiful form and size.
Giant Bronze. From a shading of deepest bronze color to bright gold.
Giant White. White, dark center; one of the largest pansies known.
Grand Duke Michel. The largest pure white pansy under cultivation.
Madame Perrett. Rich shades of dark wine, pink and red petals beautifully frilled and edged white.
Giant Meteor. Rich wine red; a profuse bloomer.
Giant Black. Jet black of velvety substance.
Elk's Purple. Giant royal purple.
Prince Henry. An excellent navy blue.
Improved Beaconsfield (New). A beautiful bluish purple with a distinct lavender tinge on the upper part of the petals. This is an improvement on the well known European variety.
Improved Adonis (New). Of giant size; in shades of light blue and lavender.
Prices: Any of the above, pkt. of 100 seeds, 15 c ; 3 pkts., 40c.
Collection-1 pkt. each of 12 separate colors, \$1.50.
Mastodon Mixed. A special selection of all the very best colors. Pkt. of 100 seeds, 15c; 3 pkts. for 40c; 1/8 oz., \$2.00.

## GIANT TRIMARDEAU PANSIES

A large flowering English strain distinguished by their varied colors and strong markings.
Giant Trimardeau Mixed. Per pkt., 15c; 1/8 oz., 60c.

## VARIOUS MIXTURES

English and Scotch Show Varieties. Saved from a celebrated collection of a Scotch specialist; immense size; variety of colors. Pkt.s 35c.
Odier's Five Blotched. Each of the five petals superbly blotched and spotted; mixed colors. Pkt., 25c; 1/8 oz., 75c.
Bedding Pansies: Of very dwarf habit, literally making a blanket of color.
White Purple Yellow Mixed Colors Pkt., 10c; $1 / 4$ oz., \$1.00. Collection-1 each of above 3 varieties, 25 c.

## TUFTED PANSIES (Viola)

A cross between the violet and pansy; flowers not so large as the pansy, but possessing a delightful fragrance. Very extensively used for bedding purposes, as the flowers bloom from July until October. Sow in April in a cool shaded position.

Pkt.
Ardwell Gem. Sulphur yellow . . . . . . . . . $\$ 0.15$
Lady In White. Pure snow white....... . 15
Golden Gem. Golden yellow ........... . 15
Blue Bell. Imperial blue ................. . 15
Mixed. The best varieties, Pkt., 10c; $1 / 8$ oz., 50 c .


Phlox Drummondii.

## PHLOX DRUMMONDII

Few flowers are so easily grown from seed, so pretty and compact, sq quick to bloom or give such a brilliant display of color for so little care. Sow seed outdoors when weather becomes settled. In a few weeks the bed will be a sheet of bloom that will remain until frost.

## CHOICE LARGE FLOWERING VARIETIES



## ROCKE. PETUNIAS

For porch or window boxes the superb flower is unsurpassed and exceedingly effective as a bedding plant. They afford an immense wealth of bloom from early summer until frost. They are easily grown from seed, their only requirements being a good garden soil and a sunny position. It is best to sow the seed indoors in March and transplant to the open ground; however, the single bedding varieties may be sown out-of-doors in the early part of May.
Triumph of the Giants. The largest and finest strain of single-flowering Petunias; the flowers often measure 6 inches across; and in the most beautiful colors; some not found in any other type. Pkt. of 250 seeds, 50c.
Superb Double Fringed. The most beautiful of all Petunias. Large, double flowers beautifully frilled and fringed. It is a well known fact that the most careful selection of this double sort will not bring more than $50 \%$ of the flowers double; however, the flowers which do come single are of the best single types. The weaker seedlings invariably produce the largest and finest double flowers. This may also be said of the single flowering varieties. A special mixture of the most beautiful colors. Pkt. of 100 seeds, $\mathbf{3 5 c} ; 500$ seeds, $\$ 1.35$.

## SINGLE BEDDING PETUNIAS

Royal Purple. A large flower, very rich in color. One of the most beautiful for porch boxes and garden effects. Pkt. of 200 seeds, 30c.
General Dodds. A splendid free flowering type of bright crimson color. Pkt., 10c.
Howard's Star. A very unusual type. Golor deep crimson with a very distinct five-pointed star of very light pink. Excellent for hanging baskets or bedding purposes. Pkt., 25c.
Striped and Blotched. A small flowering type beautifully striped and blotched. Mixed colors, very effective for massing. Pkt., 10c; 1/4 oz., 50c.
Balcony Blue. A magnificent all purpose variety; flowers average 3 inches in diameter. Bright blue in color. Pkt. 30c.
Balcony Rose. Bright rose pink. Pkt., 20c.
Balcony White. Pure white. Pkt., 15c.
Rosy Morn. Beautiful soft pink; well adapted for either edging or bedding. Pkt., 25c.
Snowball. Snowy white, very compact. Pkt., 20c; 1/8 oz., 60c.
Single Bedding Finest Mixed. Pkt., 10c; $1 / 4 \mathrm{oz} ., 50 \mathrm{c}$.

Visit Rock's Flower Store, 1106 Grand Avenue, Kansas City, Mo. during the summer months and view the superb flowers grown from our seed.

California Giants. Exceedingly large flowers, often measuring 4 inches in diameter, elegantly ruffied and fringed. Mixed colors. Pkt. of 200 seeds, 20 c .


Petunias, California Giants.

## POPPIES

The different varieties of poppies are always favorites for outdoor display, and the cultivation of them being so extremely simple entities them to a place in every garden. Seed should be sown where the plants are intended to flower, as they are difficult to transplant. Sow during April in rows or groups and thin out to about 3 or 4 inches apart.

Eldorado. One of the finest novelties of the year. The flowers are large, single, semi-double and double, and contain magnificent shades of soft salmon, orange, orange - s̊carlet, pink, rose and white, without any dark markings whatever. The substance of the petals in some of the lighter shades is as delicate as China silk. Pkt., 10c; $1 / 4$ oz., 25c.


Carnation-Flowered Poppies. carmine, to brilliant crimson, many of the flowers being beautifully flaked or edged with white. Mixed colors. Pkt., 10c; 1/4 oz., 15c.
Double Queen Shirley. An excellent double type of Shirley popry. Beautiful colors. Pkt., 10c; 1/4 oz., 50c. Carnation Flowered Double Mixed. Choice assortment of brilliant colors. Flowers very double and well fringed. The plants grow to a height of 4 feet and bear immense carnation-like blooms 6 inches across. Pkt., 10c; oz., 25c.
Flanders. The common scarlet field poppy of Europe. The first official flower of the American Legion. Pkt., 10c; 1/4 oz., 25 c.


Portulaca, Double Mixed.


Ricinus-Castor Oil Plant.

## SALPIGLOSSIS (Velvet Trumpet)

Flower lovers who do not know this beautiful trumpet-shaped flower should become acquainted with it: It deserves a place in every garden. Easily grown, blooms early and all summer long. The richly colored relvety petals are beautiful beyond description. Sow seed outdoors or for early blooming sow in March inside and transplant on approach of warm weather in early May.


## SANVITALIA

Procumbens FI. PI. An annual of dwarf, compact growth, useful in masses in beds, borders, or in rases, baskets, etc. Showy bright yellow, double flowers, in bloom all summer. Sow seed in the open ground the latter part of April, thinning out the young plants from 8 to 10 inches apart. Height, 6 inches. Pkt., 15c.

## SAPONARIA (Bouncing Bet)

A pretl'y annual, growing about 2 feet high and bearing masses of satiny flowers somewhat like an enlarged Gypsophila: charming for cutting, adding grace to any arrangement of flowers. Several sowings should be made to keep up a succession of bloom.
Vaccaria. Pink. Pkt., 10c; oz., 35c.
Vaccaria Alba. White. Pkt., 10c; oz., 35c. Mixed—Pkt., 10c; oz., 35c.

## RICINUS (Castor Oil Plant)

A showy ornamental foliage plant for bedding.
In the center of a bed it gives a magnificent semi-tropical appearance: or planted thick, it makes a fine screen or hedge. Plant seeds in open, very rich, deep-spaded ground, in a dry situation, as soon as ground has become warm and dry.
Bourboniensis. Very beautiful large green leaves. One of the tallest. Pkt., 10c; oz., 35c.
Cambodgensis. The finest dark-foliaged Ricinus. Leaves maroon; stem nearly black; fruit bronzy purple. Five feet. Pkt., 10c; oz., 30c.
Sanguineus. Blood red stalks and clusters of red fruit: green-leaved. 8 feet. Pkt., 10c; oz., 25c.
Zanzibarensis. The gigantic leaves and the great size of the plant surpass any other known Ricinus. The luxuriant tropical effect when planted singly or in masses is matchless. Pkt., 10c; 0z., 25c.

## RUDBECKIA (Cone Flower)

Bicolor Superba. Fine free-flowering annual variety, growing about two feet high, forming a dense bush and producing its bright flowers in great abundance on long stems. The disk is brown, the florets goldenyellow with large velvety brown spots at the base; very effective and useful for cutting. Sow seed out doors in April or May, thinning out from 12 to 14 inches apart. Pkt., 10c.
Semi-Plena. A more single flowering type of Bicolor Superba. Pkt., 25 c.
Hybrida. New types and variations of Bicolor in beautifal colors. Pkt., 10c.


Salpiglossis.

## SALVIA (Flowering Sage)

The Scarlet Salvias are among the most brilliant red flowering bedding plants in cultivation. They bloom from August until frost. One of the easiest plants to grow from seed and affords a wealth of color when other flowering plants have passed. Seed is best sown inside early in March in a hotbed or shallow box and the young. plants transplanted to the open in May. Seed can also be planted in the open ground in May Height, 2 to 3 feet.
Splendens Bonfire. A very compact, ovalgrowing variety, bearing an immense quantity of brilliant scarlet flowers on stiff erect stems that stand out of and above the foliage. One of the most popular and best Salvias. Pkt., 15c; 1/8 oz., 65c.
Splendens Fireball. Similar to Bonfire except plants are of more compact and dwarf growth. Pkt., 15 c .
Salvia Farinacea. The blue Salvia that bordered the drives in our trial gardens last season and which was admired so much by visitors. A perennial variety, but best treated as an annual. An excellent plant for bedding or borders. The first flowers should be cut to encourage branching out. Makes an elegant cut flower and will bloom from July till frost. Flowers are unlike the common salvia as they are a deep, rich blue. Height, 2 to 3 feet. Pkt., 10c; $1 / 4$ oz., 50c. We will have potgrown plants ready in April, $\$ 1.00$ per doz.; $\$ 7.50$ per 100.


Scabiosa.


Salvia Splendens Bonfire.
Zurich. A dwarf scarlet sort, growing from 12 to. 15 inches high. Begins blooming in June, continuing through the season. Pkt., 15c; 1/8 oz., 75c.

## SCABIOSA (Mourning Bride)

The Scabiosa is an old favorite and still one of the most beautiful annuals. The flowers are borne on long wiry stems in white, yellow, pink, scarlet, crimson, maroon and light blue. Beautiful in the garden and excellent for bouquets. Very easily grown and has a long season of bloom. Twelve to eighteen inches high. Sow seed indoors in March; transplant in May. Seed may also be sown outside the latter part of April or in May.

## LARGE FLOWERING TALL DOUBLE VARIETIES

Azure Fairy. A beautiful shade of light blue.
King of the Blacks. A very deep blackish red.

## Cherry Red. <br> Fiery Scarlet.

## Flesh Color. Yellow.

Snowball. Lovely pure white flowers.
Prices: Any of the above, Pkt., 10c; 1/4 oz., 20c.
Mixed. Pkt., 10c; $1 / 4$ oz., $15 c$.
Collection-1 pkt. each of above 7 varieties, 55c.


Schizanthus Wistonensis.

## SMILAX

A well-known and popular climber. Foliage of a dark glossy green, used largely with cut flowers, wreaths, etc. Suitable only for parlor or window culture. Height, 6 feet. Pkt., 10c.

## SOLANUM

Capsicastrum (Jerusalem Cherry). This is a very useful pot plant for winter decoration. It is of dwarf, branching habit, leaves small and oval-shaped, bearing in the greatest profusion bright scarlet globular berries. Very ornamental. Seed should be started indoors in March and transplanted to the open about the middle of May. Usually grown as a house plant. 1 foot. Pkt., 10c.

## STATICE (Sea Lavender)

Splendid hardy annual, either for the border or rockery, producing panicles of minute flowers all summer, which can be dried and used for winter bouquets. Sow seed in open ground in May.
Bonduelli. Golden yellow. Pkt., 10c.
Sinuata Blue. Pkt., 10c.
Sinuata White. Pkt., 10c.
Suworowi. Soft rose. Pkt., 15c.
Suworowi White. White. Pkt., 15 c .

## STEVIA

Serrata. Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for cutting. Sow seed indoors in March and transplant on approach of warm weather. Height, 2 feet. Pkt., 10c.

## SCHIZANTHUS (Poor Man's Orchid)

Very beautiful and interesting annuals. This is one of the easiest annuals to raise from seed. Exceptionally beautiful when in full bloom and literally covered with small orchid-like flowers in the choicest colors. Suitable for either house or garden ornamentation. May be started indoors in early March and transplanted to the open ground in May. For indoor blooming, sow seed the latter part of May, transferring the small seedlings to pots.

Wistonensis Choice Mixed. An improved mixture, beautifully spotted. Height, $11 / 2$ feet. Pkt., 15c; 1/4 oz., 50c.
Grandiflora New Hybrids. More dwarf " than the Wistonensis. All colors. Height, 1 foot. Pkt., 10c; $1 / 4$ oz., 30c.

## SEDUM (Annual Stonecrop)

Caeruleum. Excellent for planting in the rockery. Pale blue flowers. Sow seed outdoors in April or May. Height, 3 inches. Pkt., 20c.

## SILENE (Catchfly)

Pendula Compacta. An effective garden annual, forming compact, round bushes, 6 inches high, which during the summer are covered densely with flowers of white, pink or red. For low beds or edgings it is very pretty. May be sown outroods in April or May. Mixed colors. Pkt., 10 c .

## STOCKS

The Stocks have all the desirable qualities for garden and house flowers. Easily grown; fine foliage; fragrant; free blooming, and a wide range of color. Sow seed in garden in April. For earlier and better bloom sow inside in March and transplant to the open in May. If plants that begin to bloom late are potted in fall they will flower profusely all winter in the house.

## DWARF TEN WEEKS STOCKS

This type is the best for bedding purposes, blooms early and continuously.


Especially recommended for cutting. The plants begin to bloom in ten weeks from time seed is sown, branch freely, and send up numerous long spikes of sweet-scented double flowers in continuous succession. Height 18 inches.
 Collection-1 pkt. each of the above 9 varieties, $\$ 1.00$.


Sweet Williams.


Stocks, Dwarf Ten Weeks.

## LARGE EARLY BRANCHING STOCKS

An excellent variety recently introduced: flowers large, sweetly-scented and good range of color. Plants of branching habit, 2 feet high. Adapted for both indoor and outdoor culture.
Canary Yellow Pkt.
Crimson . . . . . . . . . . . . . . . . . . . . . . . 15 c
Purple . . . . . . . . . . . . . . . . . . . . . . . . . . 15 c
Violet Slate ......................... . . 15 c
White Tinted Pink ..................... 15 c
Flesh . . . . . . . . . . . . . . . . . . . . . . . . . 15 c
Mt. Blanc. Purest white.............. 15 c
Choicest Mixed . . . . . . . . . . . . . . . . . 15 c
Collection-1 pkt. each of the above 7 varieties, 80 c .

## SWEET WILLIAM

Annual Mixed. In appearance and habit the same as the perennial varieties. They bloom profusely from July until frost. from seed sown in April and produce large flower-heads in the greatest variety of colors. If given a slight covering the plant will survive the winter. Pkt., 15c; 1/4 oz., 50c.

## TAGETES

Golden Ring (Signata Pumila). A dwarl growing Marigold, with slender fern-like foliage bearing an abundance of dainty single golden yellow flowers. Excellent for the border. Same culture as Marigolds. Height, 1 ft . Pkt., 15c; 1/4 oz., 50c.

## ROCK'S SUPERB SWEET PEAS

During the last few years Sweet Peas have become noticeably more popular as a garden flower. This is due to the fact that specialists have greatly improved the old types in size, quality and color, and have produced new types of exceeding beauty. As a cut flower it has no superior, the gorgeous colors in combination with its exquisite fragrance lends a most sincere admiration to flower lovers.

CULTURE.-A deep, rich, moist soil is best suited for sweet peas with plenty of well rotted manure or bone meal. Seed should be sown in March and April in a trench or furrow about 6 inches deep, covering with 1 to 2 inches of soil, which should be pressed down firmly. When plants are well started, thin out to 3 to 4 inches apart. They should be staked up 4 to 5 feet high either with wire netting fastened horizontally or with brush, the former being the most satisfactory. Thorough watering during dry weather is very beneflial. Keep flowers cut off to encourage a continuous bloom.

## ROCK'S ORCHID-FLOWERING GIANT SPENCER SWEET PEAS

of huge size, delicately waved and producing to 4 flowers on each stem. The following are summer flowering varieties:

Asta Ohn. A beautiful lavender, suffused
mauve ............................ $\$ 0.10$. $\$ 0.45$
Blanche Ferry. Bright carmine rose with
white wings, slightly suffused soft pink
Countess Spencer. Delicate soft pink.. . 10
Dobbie's Cream. Deep primrose yellow. . 10
Elfrida Pearson. Large shell pink..... . 10
Fiery Cross. Intense orange scarlet . . . 10
Florence Nightingale. Pure lavender... . 10
Hercules. Deep pink of mammoth size. . 10
Illuminator. Salmon orange overlaid with cerise pink .................. . . 10
King Manuel. Deep rich maroon of ex-
traordinary size . . . . . . . . . . . . . . . 10
King White. Pure snowy white........ . 10
Loyalty. White flaked with violet..... . 10
Margaret Atlee. An excellent dark
pink . . . . . . . . . . . . . . . . . . . . . . . 10 . 45
Margaret Madison. Azure blue . . . . 10 . 45
Mrs. Cuthbertson. Standard rosy pink with white wings . . . . . . . . . . . 10
.45
Mrs. Hugh Dickson. Salmon buff on cream ground

10
R. F. Felton. Exquisite lavender with a soft suffusion of rose.10
Rosabelle. A fine bright rose beau- tifully waved ..... 10
Royal Purple. Deep rich purple. ..... 10
The President. Bright, dazzling or-
ange scarlet ..... 10
Thomas Stevenson. Magnificent or-ange scarlet10
Wedgewobd. Bright silvery blue ..... 10
Rock's Superb Mixture ..... 10 eties listed above, \$1.75.
Collection No. 2. One pkt. each of 10 varieties listed above (your selection), 85c.
Collection No. 3. One pkt. each of 5 varieties listed above (your selection), 45c.


Rock's Orchid-Flowering Giant Spencer Sweet Peas.

## WINTER ORCHID FLOWERING SWEET PEAS

This type is especially adapted for greenhouse culture during the winter but will do exceedingly well out of doors where early flowers are desired. Seed sown in August or September under glass will bloom from Christmas onvard. The varieties listed hereafter are those used by the leading florists of the country. Pkt. 1 oz .
Xmas Orchid. Beautiful soft pink.. $\$ 0.25$ 81.75
Rose Orchid. Clear rose of extra-
ordinary size ................... . . 50 4. 00
Miss L. Gude (Orchid). Of large size, delicate shell pink ........
Mrs. J. Manda (Orchid). Very light pink, beautifully waved ........ . 151.00
Bridal Vell (Orchid). Pure white. . 251.75
Mrs. Chas. Zvolanek (Orchid). Large $95 \quad 1.75$ Marquis (Orchid). 'True navy blue. . 251.75
Xmas Captain (Orchid). Standard maroon, light blue . ............
$15 \quad 1.00$
Beauty Orchid. Bright fiery scarlet 251.75
Orange Orchid. Bright reddish or-
ange
251.75

Rock's Orchid Flowering Mixed .... . 20 1.25

## THUNBERGIA (Black-eyed Susan)

Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively in hanging baskets, vases, low fences, etc., very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors. Sow seed outside in April or May. 4 feet. Pkt., 15c.

## TORENIA

Fournieri. A very fine annual and as interesting as an Orchid; a splendid plant for vases, hanging baskets, borders, etc.; covered the entire season with a mass of bloom. Flowers are delicate orchid lavender with three spots of dark purple, bright yellow center. As the seeds are so fine, they should be started inside and transplanted to the open. Plant in a protected situation and water when soil is dry and hard. These beautiful flowers will more than repay the care and trouble of growing them. Pkt., 15 c .
Baillonii. Golden yellow spotted chestnut brown, Pkt., 35c.

## TROPAEOLUM CANARIENSIS ( Canary Bird Flower)

Beautiful, rapid-growing annual climbers. The leaves are prettily lobed and the curious, clear, yellow flowers bear a fancied resemblance to a canary, with expanded wings. Nice for cutting as the flowers last almost a week in water. Sow seed in April. Pkt.g 10c; $1 \mathrm{oz} ., 40 \mathrm{c}$.

## ROCK'S GIANT VERBENAS

Very few plants will make such a gorgeous display during the summer months as the Verbenas, or furnish more flowers for cutting. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth, or sow in open ground in April. Good healthy plants can be produced readily from seed. They flower in July and continue: blooming until severe frost. They are unrivaled as low growing bedding plants.

White. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 100
Pkt.
Scarlet Defiance. Beautiful rich scarlet.....15c
Mayflower. Delicate shades of pink.........15c
Purple . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $10 c$
Striped . . .................................. 100
Mammoth Choice Mixed, Pkt., 10c; 1/4 oz.! 50c.

## VARIOUS VERBENAS

Auricula Eyed Mixed. A distinct white eye in the center of each flower. Mixed colors. Pkt., 15c.

Lemon Verbena (Aloysia Citriodora). Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower. Pkt., 15c.
Erinoides (Moss Verbena). This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue and white blossoms in lavish profusion; comes into flower in June and continues until frost. For beds, baskets or rockeries it is highly desirable. Pkt., 10c.
Helen Willmott. Flower trusses of exceptional size, of a bright salmon-rose color, and a pretty marking of pure white in the center of each individual flower. About 75 per cent of the seed will run true to type-the balance in lovely delicate shades. Pkt., 20c.


Rock's Giant Verbenas.

## VINCA

## or MADAGASCAR PERIWINKLE

Bedding or pot plants with glossy deep green leaves and bright, Myrtle-like flowers. Easily grown from seed and bloom continuously. Sow seed outdoors in May for August blooms. One foot high.

## Pkt.

Rosea. Rose with dark eye ................ 10c
Rosea Alba. White with crimson eye........10c
Rosea Alba Pura. Pure white.............. 10c
Mixed. Pkt., 10c; $1 / 4$ oz., 50c.

## VISCARIA

Very free-blooming annuals, closely allied to the Lychnis; they form compact plants about a foot high, and are covered from early summer till fall with their bright flowers, shaped somewhat like a single pink, borne on long, slender stems; it is best to sow them where they are to bloom, thinning out from 8 to 12 inches apart. Sow seed in April or May.
Finest Mixed. Pkt., 10c.

## WILD CUCUMBER VINE

Echinocystis Lobata. A fast-growing climber, often running 30 ft . in a season. White fragrant flowers, prickly seed pods. The foliage is large, of a rich deep green color, giving splendid shade. Sow in April. Pkt., 10c.

## XERANTHEMUM

One of the oldest and best-known everlastings, or "Immortelles". Fine for cut flowers.

Plants two feet high, producing small double flowers which are easily dried for winter bouquets. Sow in April where they are desired to bloom, or they may be transplanted if desired.
Double Mixed. Pkt.s 10 c .

## WALL FLOWER

This fine fragrant annual makes a valuable flower for every garden. Blooms from late July until frost, richly colored and produces splendid effect if planted in beds. Sow seed in March and transplant in May.

## Pkt.

White . ..........15c
Blood Red .... $\begin{array}{r}\text { Pkt. } \\ \text { Golden Yellow } \\ \text {... } 15 \mathrm{c}\end{array} \mathrm{c}$

## ROCK'S SUPERB ZINNIAS

An old-fashioned bedding plant whose popularity is being increased every year by the addition of many new and remarkably beautiful varieties and colors. probably no flower has such an assortment of bright shades, tints and colors, and no bedding plant is more effective for a brilliant show than the Zinnia. Sow early in the spring, thinning out 12 to 14 inches apart, except the dwarf types which should be closer.

## NOVELTIES

Dahlia-Flowered Zinnias. This new Zinnia is fast superseding the popular giant double type not only commercially but with all garden lovers. The plants are very sturdy and produce many flowers with stout stems. The broad petals are very closely set, sometimes seeming almost piled upon each other. Blooms often measure 3 inches in depth and 5 to 6 inches in diameter. In bloom from July until frost. Our Special Mixture includes these colors: Light and dark rose, orange, crimson, orange scarlet, deep red, orange and gold, apricot, buff, lavender and white and an endless range of pleasing shades uncommon to other varieties. Pkt., 25 c.

Double Picotee. A new Zinnia producing most interesting and unusual flowers in the following colors: Yellow, orange, pink and flesh. Each petal is tipped with a distinctive color. A very handsome Zinnia for bedding or for cut flowers, about 60 per cent will come true to type. All colors mixed. Pkt., 25c.

Victory Quilled. Beautiful, long, quilled petals, mixed colors. Pkt., 20c.
Curled and Crested. The petals of this type are twisted, curled and crested into the most beautiful and unusual forms. A large variety of colors. Pkt., 10c.

## ROCK'S GIANT FLOWERING DOUBLE ZINNIAS

Double flowers, 4 to 5 inches in diameter on tall, strong stems. Plants 3 feet high. Pkt. $1 / 40 \mathrm{OZ}$.
Sunburst (New). Soft apricot.... \$0.25
Buttercup (New). Rich buttercup
yellow ................... . . . . . . . 15
$\$ 0.50$
Orange and Gold (New) . . . . ...... . . . 35
Crimson . . . . . . . . . . . . . . . . . . . . . . 15
Cream . . . . . . . . . . . . . . . . . . . . . . . . . 15

| Flesh |
| :--- |
| Golden Yellow . . . . . . . . . . . . . . . . . . . . 15 |

.50

Orange ............ . . . . . . 50
Shrimp Pink (Niew) ........................ . 15 50
Purple . . . . . . . . . . . 50
Rose ............................... . . 15 . 50

Scarl ..................................... . 15 . 50
White . . . ....... . 15 . 50
Rock's Special Mixed . 15 . 45

## DWARF LARGE FLOWERING DOUBLE ZINNIAS

The most popular Zinnia for bedding purposes. Produces large, perfect-shaped double flowers in all colors. An attractive bushy plant 2 feet high.

$$
\text { Pkt. } \quad 1 / 4 \mathrm{oz} .
$$

Bright Scarlet .... \$0.10 \$0.25
Canary Yellow .... . 10 . 25
Dark Scarlet ...... . 10 . 25
Fireball (Brilliant Orange Scarlet). . 10 . 25
Golden Yellow .... . 10 . 25
Salmon Rose ...... . 10 . 25
White ........... . . 10 . 25
Finest Mixed ....... . 10 20

## VARIOUS ZINNIAS

Lilliput. Small double flowers, excellent for cutting. Height, 1 foot. Pkt.
Golden Gem .............. 10 c
Scarlet Gem ................. 10 c
Dark Crimson ...............10c
Mixed. Pkt., 10c; 1/4 oz., 40c.
Red Riding Hood. Of compact growth, very dwarf and covered the entire season with buttonlike flowers of intense scarlet. Excellent as a border plant. Height, 12 inches. Pkt., 10c; $1 / 4$ 0z., 40c.


A Planting of Ornamental Grasses.

## ORNAMENTAL GRASSES

Ornamental Grasses are not only of most graceful growth, blooming during the summer and fall, but if sprays are cut off when freshly opened (before seed forms) and slowly dried in a cool place, they will lend a graceful, airy effect to bouquets of dried everlasting flowers. The feathery sprays of many varieties are also desirable for blending with bouquets of fresh flowers during the summer, while others are used in making fancy baskets.

Agrostis Nebulosa (Cloud Grass). An exceptionally graceful annual grass. Excellent for mixed bouquets of cut flowers. Height 18 inches. Pkt., 10c.

Avena Sterilis (Animated Oat). A strong-growing grass, throwing up seed spikes two and a half feet high. Pkt., 10c.

Briza Gracilis. Beautiful for bouquets with slender, graceful panicles. Pkt., 10c.
Briza Maxima (Quaking Grass). Large racemes of beautiful rattles, excellent for cutting. Height, 18 inches. Pkt., 10c.

## COIX LACHRYMAE (Job's Tears)

Ornamental grass with broad corn-like leaves and lustrous slate-colored seeds which may be strung and used for beads. Valuable for winter bouquets with everlasting flowers. 3 feet high. Pkt., 10c.
Erianthus Ravennae (Plume Grass). A hardy perennial similar to Pampas Grass. Height 5 to 6 feet. Pkt., 10c.
Eulalia Japonica Zebrina (Zebra Grass). The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant'for the lawn; 6 to 7 feet. Perennial. Pkt., 10c.
Gynerium Argenteum (Pampas Grass). Flowers the second season. Requires protection during the winter. Height, 8 to 10 feet. Pkt., 10c.
Gynerium Argenteum Variegatum. Variegated silver-leaved pampas grass. Height, 8 to 10 feet. Pkt., 10c.
Hordeum Jubatum (Squirrel Tail Grass). Highly ornamental. Height, 2 feet. Pkt., 10c.
Pennisetum Longistylum. Greenish white plumes, excellent for bedding. Pkt., 10c.

Pennisetum Japonicum. A hardy type of Pennisetum, making nice plants the first year from seed. Pkt., 10c.

Pennisetum Rueppelianum (Purple Fountain Grass). Unsurpassed as a tall edging plant or lone specimens in the lawn. Graceful plumes growing 3 feet in height. Pkt., 10c.

Stipa Elegantissima. (Feather Grass). A fine feathery grass. Pkt., 15c.

Trycholaena Rosea. Attractive pinkish plumes used for winter bouquets. Height, 2 feet. Pkt., 10c.

Uniola Latifolia (Spike Grass). One of the finest of our native grasses, 3 to 4 feet high, with very ornamental flat heads in graceful drooping panicles. Perennial. Pkt., 10c.

Zea Japonica Quadricolor Gigantea (Giant Rainbow Corn). Foliage beautifully striped in rose, purple, green and cream colors. Pkt., 10c.
Zea Gracillima Variegata. Dwarf slender cornlike plants with deep green leaves, striped a creamy white. Pkt., 10c.

## Order Early

We would suggest that, if conven= ient, you make up your orders as soon after the receipt of this catalog as possible. It will help us to ship promptly. We endeavor to ship all orders within 24 hours after received. Ordering early will indeed be of great benefit to you as well as ourselves and will be greatly appreciated.


A Judicions Iflanting of Perennials Will Aftord Howers The Entire Summer.

## ROCK'S SELECT PERENNIALS

Hardy plants or Perennials bloom the second year from seed and are permanent thereafter, growing larger and stronger, and producing more flowers each year.

Among the Perennials we find some of our most gorgeous flowers, every type and color may be had and most of them being so hardy that they do not even require covering during the winter. Their superb qualities of furnishing excellent cut flowers together with their most wonderful bedding and border effects make them indeed very popular.

## HOW TO GROW PERENNIALS

Many of these will bloom the first year from seed if planted early indoors, February or March is best suited. We have noted the varieties which will produce flowers the first year from seed. For early planting sow the seed in earthen ware pots or low boxes, filling one inch of the bottom with broken pots, coal ashes or some like material that will furnish drainage. Over this place about two inches of good, rich, well pulverized soil, mixed with about $1 / 4$ sand and if possible the same proportion of either leaf mold or well rotted manure. Press the soil down firmly and water, this should be done at least 12 to 18 hours before sowing. Sow the seed thinly over the top and cover with about one-eighth inch of fine soil. Press this covering lightly and water very carefully in order that the seed vill not be washed out. It is advis able to place a glass and a few thicknesses of newspaper over the top to prevent too rapid evaporation. A temperature of 65 to 75 degrees will be suitable. A regular watering is also very necessary, if one watering is omitted with some varieties the seeds will be a total loss. The soil should always be kept moist, but not soaking.

When the seeds are up remove the glass and newspaper and place as near the light and air as possible. If this is not done the young plants are likely to "Damp off".

On approach of settled weather the young seedlings should be transplanted to the open ground, planting in well pulverized soil and watering immediately after planting.

The planting of Perennial seed outdoors may be done any tine from the first of May to the first of August, the earlier the better. Select a situation that may be watered regularly and may be artificially shaded. A small cold frame will be of the most helpful use in germinating seed but if you do not possess one, just sow the seed thinl: in shallow drills in well pulverized soil. The presence of stones, clods, etc.. are very detrimental in securing an even germination. Cover the seed about $1 / 1$ inch and press this soil lightly. Water ljghtly, thoroughly and regularly until young plants are well established. When of size enough to handle safely they should be transplanted to the position desired. Water thoroughly after transplanting.

## ACANTHUS (Bear's Breech)

Mollis. A handsome decorative plant of stately effect, with deeplytoothed, heart-shaped leaves, 2 feet long by 1 foot wide; adapted either for planting as single specimens on the lawn or in the border, or for grouping with other plants for sub-tropical effect, producing spikes of curious white flowers during July and August. 3 to 4 feet high. Pkt., 10c.

## ACHILLEA

The Pearl. The blossoms are of purest white and resemble small Pompon Chrysanthemums. Hardy and will thrive in almost any situation. Very desirable for garden or for cemetery decoration. Blooms nearly the whole season. If sown early will bloom first year from seed. Height, 2 feet. Pkt., 20c.
For Achillea plants see page 88.

## ACONITUM (Monkshood)

Showy and very hardy, growing well under trees or other shaded situations. Has long spikes of hood-shaped flowers, somewhat resembling the Delphinium. Blooming from August to October. If sown indoors in February will bloom the first year from seed. Height, 3 feet.

Napellus. Blue. Pkt., 15c.

## ADLUMIA (MOUNTAIN FRINGE OR ALLEGHENY VINE)

Cirrhosa. A graceful hardy biennial climber, but as it resows itself year after year, it might be considered perennial. For covering trellises, stumps or trees, etc., it is very desirable. The feathery foliage closely resembles that of the Maiden-Hair Fern. The flowers are tube-shaped, flesh-colored, somewhat like the Bleeding Heart, and completely cover the plant. Blooms from July to September. Flowers the first year from seed if sown early. Height, 15 ft . Pkt., 15c.

## AGROSTEMMA (Crown of the Fields)

Perfectly hardy plants, producing pretty crimson blossoms on long, slender stems. Very useful for cutting for bouquets and pretty in masses or in beds. Blooms from July to September. If sown early will bloom the first year from seed. Height, 2 ft .
Coronaria. Dark crimson flowers, silvery white foliage. Pkt., 10c.
Coronaria Alba. A pure white variety. Pkt., 10 c .
For Agrostemma plants see page 88.

## ALYSSUM

Saxatile Compactum. "Basket of Gold." An indispensable plant for the rockery or border, growing one foot high, blooming in May and June; masses of broad, flat heads of bright yellow flowers will bloom first year from seed if sown early. Pkt., 10c; 1/4 oz., 50c.
For Alyssum plants see page 88

## AMPELOPSIS (Boston Ivy or Japan Ivy)

Veitchii. The most popular hardy perennial climbing plant for covering brick, stone or wooden walls, trees, etc. When it becomes established it is of very rapid growth, and clings to the smoothest surface. The foliage is of a rich olive-green during the summer, changing to various shades of bright erimson and scarlet in the fall. Pkt., 10c; oz., 50c.


## ALSTROEMERIA (Chilian Lily)

Chilensis. Pretty lily-like spotted flowers in shades of red and yellow, borne in clusters on erect stems. A valuable addition to the perennial garden. If sown early will bloom the first year from seed. Blooms in July and August. Height, 2 feet. Pkt., 20c.

## ANCHUSA

Italica, Dropmore Variety. One of the most valuable of hardy plants. The plants are very vigorous, the rough-leaved stems growing from three to five feet in height. The flowers are a beautiful, clear, bright blue and are freely produced from May to July, making a most striking plant in the hardy border. Pkt., 15c; $1 / 4 \mathrm{oz} ., 50 \mathrm{c}$.

For Anchusa plants see page 88.

## ANEMONE

St. Brigid. An early-flowering, vigorous grower. Begins flowering in Ausust, and continues until November. Flowers semi-double, broad, perfectly formed and of brilliant, gorgeous colors. True Irish strain of Anemones. Sow outdoors in May and keep shaded until well started. Seeds are very slow in germinating. Pkt., 15c. For Anemone plants see page 88.

## ANTHEMIS

## (Hardy Marguerite)

Tinctoria. A most satisfactory hardy perennial for borders or bedding, bearing all summer daisy-like goldenyellow blossoms; fine $f o r$ cutting. Height 15 in. Blooms the first year from seed if sown early. Pkt., 15c.
Anthemis-Hardy Marguerite.
For Anthemis plants see page 88.

## AQUILEGIA (Columbine)

This family is one of the most beautiful and popular among hardy perennials. The different varieties present an unusual wealth of color and form. For growing in borders or filling up bays in shrubbery they are unsurpassed. Seed sown in the house in March will frequently produce blooms the same year. It is best, however, to sow seed out of doors when the ground becomes free from frost. An ordinary garden soil is suitable for their growth. The flowers are fragrant. Blooms in May and June.
Alba Plena. Pure snowy white double flowers. Height, 2 feet. Pkt., 10c.
Chrysantha (Golden Spurred). Golden-yellow. Height, 2 ft . Pkt., 15 c .


Aquilegia-Columbine.
Coerulea (Rocky Mountain Columbine). Vio-let-blue and white. 2 ft. Pkt., 15c.
Skinneri. Yellow, with scarlet spurs, the sepals greenish orange. Height, $21 / 2 \mathrm{ft}$. Pkt., 20 c .

Fock's Long-spurred Hybrids. A beautiful strain, comprising shades and combinations of blue, white, yellow, orange, scarlet and bright rose-pink in large flowers with long spurs. Height, $21 / 2 \mathrm{ft}$. Pkt., 20c.
For Aquilegia plants see page 88.

## ARABIS OR ROCK CRESS

Alpina. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, also does well in the border, forming a dense carpet, completely covered with pure white flowers, blooming from April to June. Excellent for cutting. Height, 6 in. Pkt.g 100.

## ARISTOLOCHIA (Dutchman's Pipe)

Sipho. One of the best climbing vines, with immense heart-shaped leaves of a deep rich green color, invaluable for covering walls and trellises. Flowers yellow and brown mottled, curiously shaped. Seed should be sown very carefully and watered regularly. Plants covered during the winter. Height, 30 ft. Pkt., 20c.
For Aristolochia plants see page 106.

## ARMERIA (Sea Pink or Cliff Rose)

Formosa. A very pretty, dwarf-growing plant, very useful in the rockery and border. Bears numbers of very double flowers in pink shades. Foliage bright green. Height, 1 ft . Blooms May to July. Pkt., 15c.

## ASPARAGUS

Plumosus Nanus. A tender perennial for greenhouse or potted plant use, with long, fine feathery foliage. The sprays, when cut, retain their freshness in water from three to four weeks. Seeds start slowly and should be soaked in water before sowing. Pkt., 25c; 100 seeds, \$1.00.
Sprengeri (Emerald Feather). An early easily grown, feathery-leaved variety, with drooping branches. The best variety for hanging baskets. Pkt., 10c; 100 seeds, 50c.

## PERENNIAL ASTERS

These are among the showiest of our lateflowering hardy plants, giving a wealth of bloom during September and October, a season when most other hardy flowers are past. Should be planted in masses for the best effect. They grow freely in any soil.
Michaelmas Daisy. Mixed colors, free bloomer and excellent for cutting. 3 ft . Pkt., 15c.
Rock's New Large Flowering Hybrid. One of the most beautiful late flowering types. Daisylike flowers massed profusely on plants 2 feet high. A mixture of the most beautiful shades. Pkt., 15 c .
For hardy Aster plants see page 89.

## AUBRIETIA (Rock Cress)

Leichtlinii. Hardy trailers for beds, rockwork or herbaceous borders; very similar to Alyssum. Rose-carmine flowers in April and May. Height, 6 inches. Pkt., 20c.

## BAPTISIA

Australis. A very attractive hardy perennial, producing beautiful racemes of bright blue, peashaped flowers in June and July. Height, $21 / 2$ ft. Pkt., 10 c .

## BELLIS (English Daisy)

A perennial, blossoming freely all spring and summer. Plant is six inches high and is valuable for borders. Should be given a little protection through the winter-a mulch of leaves or straw. Alba. White, double flowers.. Pkt., 20c.
Rosea. Rose, double flowers. Pkt., 20c.
Rubra. Fine dark red; double flowers. Pkt., 25c. Mixed Colors. Pkt., 20c.

## BOCCONIA

Cordata. One of the most beautiful of the hardy herbaceous plants. Leaves deep green, under-


Bellis Perennis.
side silvery white, similar in shape to the oak leaves. Flowers are buff colored, borne in large panicles. Fine as an isolated specimen on a lawn or for tall borders. Height, 7 feet. Pkt., 10c; 1/4 oz., 25c.
For Bocconia plants see page 89.

## BOLTONIA (False Chamomile)

Among the showiest of hardy plants. Its large, single, aster-like flowers completely cover the plants and are wonderfully effective. Blooms August to October. Height, 4 to 6 feet.
Asteroides. Pure snowy white. Pkt., 15c.
For Boltonia plants see page 89.

## BROWALLIA (Amethyst)

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months; grows freely in any rich soil; blooms finely in the winter if the plants are lifted in autumn and cut back. Height, 18 inches.
Elata Alba. Pure white. Pkt., 10c.
Roezlii. Pale blue. Pkt., 20c.

## CANNAS

Few people know. that cannas can be grown from seed and will bloom the first year if planted early. Our mixture contains seed of the very best varieties saved from our own celebrated stocks. Soak the seed in warm water until they show evidence of swelling and plant in a sandy soil. When well started transplant to a desirable location. Pkt., 10c; 1 oz., 25c; 1/4 lb., 80c.

See page 88 for Canna roots and plants.


Canterbury Bells-Campanula Medium.

## CENTAUREA

Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border, but is excellent for cutting. Seed sown early will bloom the first year.
Montana (Perennial Corn Flower). Grows 2 feet high, bearing large, violet-blue flowers from June to September. Pkt., 15c.
For Centaurea plants see page 89.

## CERASTIUM (Snow in Summer)

Tomentosum. A desirable low-growing plant with silvery foliage and white flowers in May and June, suitable for the rockery or for carpeting dry, sunny spots; can also be used with good effect in bedding; will bloom the first season if planted early. Height, 4 inches. Pkt., 15 c.
For Cerastium plants see page 89.

## CHRYSANTHEMUMS (Perennial)

Maximum King Edward Vil (Moonpenny Daisy). Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. Blooms July to September. If sown early will bloom the first year. 3 ft . Pkt., 10c; 1/4 oz., 30c.
Maximum Mrs. C. L. Bell. Pure white and undoubtedly the largest flowered variety of this class, they have been known to measure as high as 6 inches across, borne on long robust stems. Continues to bloom until October. Will bloom the first season if planted early. Height, $21 / 2$ to 3 ft. Pkt., 20c.

## CHRYSANTHEMUM LEUCANTHEMUM

Shasta Daisy Alaska. A splendid hardy perennial variety, with flowers rarely less than four inches across, of the purest glistening white, with broad, overlapping petals, and borne on long, strong stems; a beautiful cut flower, remaining in good condition a week or more in water. Seed sown early inside will produce flowers the first year. Height, 2 ft. Pkt., 15c; 3 pkts., 40c.
For Shasta Daisy plants see page 90 . 15c. 60c.

## CAMPANULA (Bellflower)

Indispensable, bell-shaped, hardy garden flowers, produced profusely from June to August. Some varieties will bloom the first year from seed if sown early.
Carpatica (Carpathian Hare-Bell). A pretty, compact species not exceeding eight inches high, flowers clear blue, one inch in diameter. Pkt., 10c.
Carpatica Alba. Similar to above except flowers are white. Pkt., 10c.
Persicifolia. Grows 2 feet high, and produces a great number of blue flowers in loose clusters from July to August. Pkt., 15c.
Persicifolia Alba. A white form of the above. Pkt.,
Pyramidalis. A most attractive plant for the border, forming a perfect pyramid, covered with large blue flowers. 4 to 5 feet. Bloaming August and September. Pkt., 10c; 1/4 0z., 60c.
Pyramidalis Alba. White flowers. Pkt., 10c; $1 / 4 \mathrm{oz}$. ,

## CANTERBURY BELLS (Campanula Medium)

Very attractive and showy biennials. The bell-shaped flowers are of beautiful colors and are produced in amazing profusion, a thrifty plant being almost hidden under the blooms. The plants grow to a considerable size, branching widely, so care should be taken in setting them out to allow not less than two feet each way. 3 feet. Blooms June and July.
 30c.

## CALYCANTHEMA (Cup and Saucer)

The finest of the Canterbury Bells, differing from the other varieties in that it has a calyx surrounding the flower and of the same color. 3 ft . high. Fine for pots and borders.



Chrysanthemum Maximum-King Edward VII.

## CIMICIFUGA

(Snake Root)
Racemosa. A handsome native species bearing in July and August spikes of pure white flowers; well suited for planting at the back of the border, or for naturalizing at the edge of the woods. 4 to 5 feet high. Pkt., 20c.

## COREOPSIS

One of the brightest flowers in the garden. Of pure golden yellow, bearing profusely from June to October. Excellent for cutting or massing. Flowering the first year if sown early. Height, 2 feet.
Lanceolata Grandifiora. Pure golden yellow, flowers large, often 3 inches in diameter. Pkt., 10c; 1/4 oz., 30c. For Coreopsis plants see page 90 .

## COWSLIP (Primula Veris)

A beautiful hardy spring flowering perennial; flowers of different colors, such as yellow, brown edged yellow, etc. Very fragrant. Height, 6 inches. Blooms April and May. Yellow (Sweet-scented). Beautiful golden yellow. Pkt., 25c. Mixed. All shades of yellow and light brown. Pkt., 20 c.

DELPHINIUM (Hardy Larkspur)
Beautiful; a hardy border perennial with noble spikes of handsome blooms; very useful for cut flowers and probably the most popular of hardy flowers. Will bloom the first season if sown early and transplanted to open ground in favorable weather.
Belladonna. Freest and most continuous bloomer of all, flowers from the end of June until frost. Plants 3 feet high, bearing turquoise-blue flowers. Pkt., 25c; 5 pkts., \$1.00.
Belladonna Cliveden Beauty. An improved type of Belladonna; sky-blue in color, of more branching habit and slightly larger. We advise ordering early, as seed of this stock is very scarce. Pkt., 50c; 3 pkts., \$1.25.


Delphinium Belladonna.

Bellamosum. This is a rich, deep blue form of the popular light blue Belladonna, having the same free-blooming and other good qualities. Pkt., 25c; 5 pkts., \$1.00.
Chinensis. An excellent variety with fine feathery foliage. Height, 2 to 3 feet.

Dark Blue
White
Pkt., 10c; $1 / 4$ oz., 30c.
Blue Butterfly. A distinct variety of Chinensis. The large single spikes are of a rich blue and make a splendid cut flower. Height, 18 inches. Should be given protection during the winter. Pkt., 15 c .
Formosum. Rich blue flowers with a white center, exceedingly effective in borders. Height, 3 feet. Blooms June to September. Pkt., 15c; $1 / 4$ oz., 75 c .
Formosum Coelestinum (Pillar of Beauty). Beautiful shade of light sky blue; flowers large; spikes long. Plants three feet in height. Blooms June to September. Pkt., 25c.
Nudicaule. Bright orange scarlet flowers in June and July. Height, 3 feet. Pkt., 50c.
Rock's Gold Medal Hybrids. A splendid mixture of large-flowering hybrids, varying in color from pale blue to deep purple, with spikes of great length. Blooms June to October. Pkt., 20c; 1/4 oz., 50c.
Rev. E. Lascelles. A new variety of great beauty; long spikes of large and very double deep blue flowers, with white center. Pkt., 50c.
Zalil. Long spikes of clear yellow, distinct sort among perennial Larkspurs. 1 to 2 feet high. Seed is difficult to germinate so care should be taken in planting. Blooms June to July. Pkt., 50c.
For Delphinium plants see page 90.

## DIANTHUS (Hardy Garden Pinks)

A perennial garden is incomplete without these superb flowers. Their spicy fragrance is indeed refreshing, well adapted for either beds or borders, furnishing the most delightful cut flowers. Seed sown early will bloom the first season. A slight covering should be given during the winter.
Plumarius (Grass Pink or Scotch Pink). A beautiful single hardy Pink, fringed-edged white flowers, with a dark center. Pkt., 10c; $1 / 4$ oz., 50c.


Digitalis - Foxglove.

Plumarius Semperflorens (Everblooming Hardy Gardouble and single flowers in 25c.

Rock's Choice Mixed. The very best varieties of Hardy Garden Pinks of the most colors. Pkt., 25c.
den Pink). Very beautiful, sweet-scented double, semigreat diversity of color. Pkt., beautiful semi-double and


Pheasant Eye. Single white flowers with a crimson eye. Pkt., 15c.
Latifolius Atrococcineus FI. PI. (Everblooming Hybrid Sweet William). A cross between an annual pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter; in color an intense velvety crimson scarlet. Pkt., 15c; 2 pkts., 25 c.

DICTAMNUS (Fraxinella)
Gas Plant. Very showy for the hardy border; $21 / 2$ feet high, having fragrant foliage and spikes of very curious flowers, giving off on warm sultry evenings a fragrant volatile oil which ignites when a match is applied directly under the flower heads. Blooming in June and July. Seed is exceedingly slow to germinate.
Red. Pkt., 10c.
White. Pkt., 10c.

## DIGITALIS, or FOXGLOVE

A hardy perennial, blooming the second year from seed. Grows usually about $31 / 2$ feet high, although in very rich soil sometimes 5 feet. The bell-shaped flowers are borne on long spikes in shades of purple, lavender, rose and white, all spotted lightly inside the blossom. Thrive best in cool, shady locations. Blooms June and July. Ivery's. A distinct strain superbly spotted, containing all of the best shades of color. Pkt., 10c; 1/4 oz., 40c.
Gloxinoides, Mixed. This is a fine strain of the ordinary Foxglove D. purpurea, with handsome spotted Gloxinia-like flowers on long spikes. Mixed colors. Pkt., 10c ; 1/4 oz., 35c.
Lutea. Light yellow flowers on good spikes and bearing profusely. Pkt., 10c; 1/4 oz., 35c.
Monstrosa (Mammoth Foxglove). Long spikes, surmounted by one enormous flower; very interesting mixed colors. Pkt., 15c; 1/4 oz., 50c.
Purpurea (Common Foxglove). The old-fashioned type as seen in grandmother's garden, mixed. Pkt., 10c; 1/4 oz., $25 c$.
White. Similar to the above, only flowers are white spotted. Height, 2 to 3 feet. Pkt., $10 c ; 1 / 4$ oz., $25 c$.
For Digitalis plants see page 91.

## ECHINOPS

Ritro (Globe Thistle). Beautiful blue thistle-like flowers on long stems. Admirably adapted for borders. 3 to 4 feet high, blooming in July and August. Pkt., 10c.
For Echinops plants see page 91.


Echinops-Globe Thistle.

## ECHINACEA

Purpurea (Purple Coneflower). Large, reddish purple flowers 4 inches in diameter on long stems. Plants bloom nearly all summer and grow from 3 to 4 feet high. Beautiful for cutting. Pkt., 20c.

## EDELWESSS

(Gnaphalium Leontopodium)
This is the little flower so eagerly sought by tourists in the Alps. It can be grown in most any garden soil. Does particularly well in rockeries and exposed situations. Blooms July and September. Height, 8 inches. Pkt., 25 c .

## ERIGERON

The bright, single daisy-like flowers are produced in abundance in July and August. Good cut flower. Height, 18 inches.
Coulteri. Pure white; attractive. Pkt., 20c. Speciosus. Large, clear, pale mauve flowers with bright golden center. Pkt., 15c.

## ERINUS

Alpinus. A very low-growing, spreading perennial with bright blue flowers. Especially valuable for rock work and along edges of borders. 3 inches. Blooms in May and June. Pkt., 35c.

## ERYNGIUM (Sea Holly)

Handsome ornamental hardy plants, growing 2 to 3 feet high, with finely cut, spiny foliage and thistle-like heads. Fine for winter bouquets.
Amethystinum. Deep rich blue. Pkt., 20c.
Giganteum (Silver Thistle). A very beautiful silvery blue. Pkt., 15c.
For Eryngium plants see page 91

## EUPATORIUM (Perennial Ageratum)

Strong-growing, hardy perennials, well suited for naturalizing, and deserve a place in every hardy border; they will grow and thrive in almost any situation; will flower the first year if sown early. Excellent for cutting.
Ageratoides. A very useful variety, growing 3 to 4 feet high, with dense heads of minute white flowers from August to October. Pkt., 10c.
Purpureum. Beautiful flower heads, very similar to Ageratum; pale blue in color. Height, 2 feet. Blooming August to September. Pkt:, 50c.

## GAILLARDIA (Blanket Flower)

No flowers in the borders are more showy among perennials for many weeks during the summer and autumn months or produce more bloom than the Gaillardias. They will frequently grow in soils that are too poor for other plants. Seed sown early will bloom the first year.
Rock's Superb Hybrids. A very large flowering type growing about 2 feet high and producins: richly colored red and yellow flowers from June to frost. Pkt., 10c; $1 / 4 \mathrm{Oz.}$,35 c .
Grandiflora Comoacta. A compact variety. forming bushy plants 12 to 15 inches high, and bearing its long stemmed flowers well abovr the foliage. Beautiful shades of gold and red. Pkt., 10c; 1/4 oz., 40c.
For Gaillardia plants see page 91.

## GEUM (Avens)

Atrosanguineum FI, PI. Beautiful hardy nerennial, baring profusely large, showy, double. dark-crimson flowers all through the summer an elegant flower for bouquets. Pkt., 10c.
Mrs. Bradshaw. Grows about two feet high The double flowers, two inches in diameter, are of a deep, orange-scarlet color. Pkt., 20c.


Gynsonhila Paniculata-Baby's Breath.

## GYPSOPHILA (Baby's Breath)

The delicate, mist-like sprays of the Gypsophila are invaluable for bouquets. They serve to lighten the effect of the masses of other flowers, and are especially useful with blooms that can not readily be cut with their own foliage. Blooms June and July. 2 feet high.
Paniculata: One of the best hardy perennials. Easily grown and blooms the first season from seed. Flowers white. Pkt., 10c; 1/4 oz., 25c. Paniculata FI. PI. A double flowering type of the above. Not more than 20 per cent come true double but the balance are excellent single types. Pkt., 25c.
For Gypsophila plants see page 92.

## HELENIUM (Sneeze Wort)

Strong-growing, hardy perennials, succeeding in any soil, and giving an enormous crop of daisylike flowers in late summer and fall.
Autumnale Superbum. Golden yellow flowers; 5 feet in height. Pkt., 10c.
Bigelowii. Beautiful yellow; excellent for cutting. Pkt., 10c
Riverton Gem. Flowers are gold colored when opening, changing to a wallflower red at maturity. Height, 2 to 3 ft Pkt., 20c.

## HELIOTROPE

A half-hardy perennial growing 1 to 2 feet high. Small flowers, borne in graceful clusters and very fragrant. Blooming almost the entire season. Blooms the first season from seed if sown early Largest Flowering Mixed. A fine mixture of large flowering varieties. Height, 2 ft . Pkt., 25c. Regal Mixed (New). The Regal varieties have immense flower heads of the Giant type, but of dwarf, compact growth. Mixed colors. Height, 1 ft . Pkt., 25c.

## HELIOPSIS (Orange Sunflower)

Scabra Zinniaeflora. A giant semi-double Zinnia flower of deep golden yellow. One of the best perennial border plants; also excellent for cutting. Height, 3 feet. Pkt., 20c.
For Heliopsis plants see page 92.

## HEUCHERA (Coral Bells)

Sanguinea Splendens, Low-growing plants desirable for borders. Flowers bell-shaped, on long stems, blooming from May to September. The bright coral red flowers are excellent for cutting. Pkt., 25c.


## GIANT HIBISCUS

Extremely large, showy flowers often measuring 11 to 12 inches across. Very appropriate for mixed beds or shrubbery borders. Seed sown early will produce flowers the first season. Height, 4 to 5 feet.
Rock's Choice Reds. A choice strain containing beautiful shades of deep pink, red and dark maroon. Pkt., 10c; 1/4 oz., 30c.
Moschata (Musk Mallow). Very large, rose-colored flowers, sweet-scented; blooms from June to September. Pkt., 10c.
Moschata Alba. Similar to Moschata except white in color. Pkt., 10 c .
For Hibiscus plants see page 92.

## HOLLYHOCKS

Old-time favorites that should have a place in every hardy border. We offer the celebrated Chater's English Double Hollyhocks, a prize strain saved from the flnest collection of magnificent double flowers. Seed sown any time before midsummer will produce fine plants for flowering the next year. Blooms July and August. Height, 5 to 7 feet.

|  | CHATER'S <br> Pkt. $1 / 4 \mathrm{oz}$. | DOUB | Pkt. | 1/4 Oz. |
| :---: | :---: | :---: | :---: | :---: |
| White | 15c 50c | Yellow | 15c | 50 c |
| Crimson | 15 c 50 c | Maroon | 150 | 50 s |
| Rose | 15c 50c |  |  |  |

Chater's Double Mixed. Pkt., 15c; 1/4 oz., 50c.
Collection-1 pkt. each of the above 5 colors, 60 c .
Newport Pink. The very finest pink flowers, very double. Pkt., 15c; $1 / 4$ oz., 60c.
Allegheny. This unique and beautiful variety produces semi-double flowers about 3 inches across. The petals are crinkled and fringed like crumpled and slashed satin. A mixture of soft rich colors. Height, 6 to 7 ft . Pkt., 10c; 1/4 oz., 40c.
For Hollyhock plants see page 92.

## HONESTY

(Money Flower or Satin Flower)
Hardy biennials, admired for their silvery seed pouches, which are used for house ornaments as they present a beautiful and rather curious appearance. Seed very slow to germinate, best care should be taken. Height, 2 feet.

Pkt. $1 / 4 \mathrm{OZ}$. Pkt. $1 / 4 \mathrm{oz}$.

| Purple | $\ldots . .10 \mathrm{c}$ | 30 c | White | $\ldots . . .10 \mathrm{c}$ | 30 o |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Crimson | $\ldots . .10 \mathrm{c}$ | 30 c | Mixed | $\ldots . .10 \mathrm{c}$ | 30 c |



Hollyhocks, Chater's Double.
${ }^{\text {c }}$ Sempervirens. Snowy white, 10 inches high. Pkt., 15c.
Gibraltarica. Large, showy flowers; white, shading to lilac. Pkt., 15c.

## INCARVILLEA (Hardy Gloxinia)



Iberis Sempervirens.

Delavayi. One of the choicest perennial plants. It produces large tubular, rose-colored flowers during May, which last in perfection a long time: these are produced in clusters on stems 18 inches high; succeeds in sun or shade, but should be protected with a covering of leaves during the winter. Pkt., 15c.

## LATHYRUS LATIFOLIUS

## Everlasting or Hardy Sweet Peas

An excellent perennial climber for covering old stumps, fences, etc. A free bloomer, flowers greatly resemble sweet peas, on stems 4 to 5 inches long. Height, 6 feet, blooms July to frost..


For Lathyrus plants see page 106.

## LINARIA

Cymbalaria (Kenilworth Ivy, or Mother of Thousands). Lavender and purple. A charning, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work. Pkt., 15c.

## LINUM (Flax)

Perenne. A very desirable plant for the border or rockery, growing $11 / 2$ feet high, with light, graceful foliage and large blue flowers from May to August. Pkt., 10c; 1/4 0z., 25c.
Flavum. Golden yellow, similar to above except in color. Height, 1 ft . Pkt., 20c; 1/4 oz., 60c.

## LOBELIA

Cardinalis. Our native Cardinal flower. Spikes of brilliant scarlet, thriving in moist locations. Blooms the first year if well started with heat. The flowers are said to be the most brilliant scarlet tint that occurs in nature. Height, 3 feet. Blooms from July to September. Pkt., 25c.
Hybrida Sapphire. Deep blue, with white eye. Pkt., 20c.

## LUPINUS, Lupine

Polyphyllus. Strong plants, long spikes of pea-like flowers. Will succeed in average garden soil. Height, 3 ft . Blooms in May and June.
Blue ....................10c 40 c Rose ........................ 10c- 40 c

White .................10c 40c Mixed ....................... 10 c c 35 c
Moerheimii Flowers rose and white. Pkt., 15c.
Excelsior Strain. Fine new hybrids containing many colors. Pkt., 15c. For Lupinus plants see page 92.

## LYCHNIS

Excellent hardy plants, of easy culture, commonly known as Lamp Flower (Maltese Cross), Ragged Robin, etc. To obtain good flowers the first summer, sow the seed inside in February and transplant as early as possible.
Chalcedonica Alba. A fine old-fashioned type. Two feet high, with heads of brilliant scarlet flowers. Pkt., 10c; 1/4 oz., 30c.


Lychnis Chalcedonica.

Arkwrightii. A hybrid, ob-

tained by crossing L. Haageana and L. Chalcedonica. It grows more bushy than the former and the flowers are just as large and brilliant, varying from orange-scarlet to soft salmon-pink. Height, $11 / 2$ feet. Pkt., $25 c$.
Haageana Hybrida. A splendid type of Lychnis. One foot in height. Mixed colors of orange, scarlet and white. Pkt., 20c.
For Lychnis plants see page 92.

## LYTHRUM

Roseum Superbum (Rose Loosestrife). A strong-growing plant; long spikes of rose-colored flowers; in bloom from June to August. 3 to 4 feet. Pkt., $10 c$.
For Lythrum plants see page 92.

## MALVA (Hardy Mallow)

Crispa (Curled Mallow). Very large, rose colored flowers, beautifully fringed and waved at the edges. Showy in the border, and gives color to foliage-groups. Pkt., 10 c .

## MIMULUS

Showy, profuse-flowering plants; fine for greenhouse or moist, shady situation; half hardy perennials, blooming the first year from seed if sown early; height, 1 foot.
Tigrinus (Monkey Flower). Fine, mixed, spotted varieties. Pkt., 15c.
Moschatus (Musk Plant). Fine for hanging baskets, etc. Small, yellow flowers: fragrant foliage. Pkt., 15c.
Clapham's Superb Strain. Rernarkable for the great size and superb coloring of the flowers. Pkt., 25c.

## MYOSOTIS (Forget-Me-Not)

One of the most desirable of dwarf spring flowering plants admirably adapted for massing in beds, or carpeting in damp places. The perennial varieties bloom from May until frost. They should be covered during the winter. Sow seed any time from spring to midsummer.
Palustris. The true March Forget-Me-Not, with lons sprays of deep blue flowers. Does best in damp places. Pkt., 15 c .
Palustris Semperflorens. This variety blooms continuously from early spring until late in autumn. Large sprays of bright blue flowers. Pkt., 15c.

## PERENNIAL POPPIES (Papaver)

Papaver Nudicaule (Iceland Poppy). The plant is of neat habit, forming a tuft of bright green fern-like foliage, producing throughout the entire season a profusion of slender leafless stems 1 foot high, each graced with charming cup-shaped flowers. Excellent for the rock garden or edging. Pkt. $1 / 402$.
Yellow .................10c 50 c
White .................. . . 10 c 50c
Orange Scarlet ..........10c
New Hybrid. Mixed colors 15 c
Orientale. The single large Oriental Poppy is one of the most striking and showy of all the hardy garden plants. The tall stems, $21 / 2$ feet in height, bear great flowers of brilliant scarlet six inches across, each petal being distinctly marked with a conspicuous black blotch. The plants thrive well either in the full sun or in partial shade. They are a great addition to the hardy border, and are of especial value among shrubbery, lighting up the usually dark and somber clumps of shrubs. The plants bloom in May and June. Pkt., 15c; 1/4 oz., 50c.
Oriental New Hybrid. A large flowering type in mixed colors. Pkt., 15c; 1/4 oz., 60c.
Alpine Mixed. A charming small type with very bright flowers, resembling the Nudicaule but growing only 6 inches high. Pkt., 15c.
Pilosum. Large flowers of a lovely soft apricot-yellow with creamy stamens; of branching habit; height 18 inches. Pkt., 15c.
Perennial White California. Large white flowers with many yellow stamens. Pkt., 20c.
For Poppy plants see page 96 .

## PENTSTEMON

Pentstemons are most effective in beds or in groups of not less than twelve plants, and in the border where they will give a brilliant color effect. The plants average 2 feet in height and produce a profusion of richly colored flowers on tall spikes. Seed sown early will bloom the first year.
Large-Flowering Hybrids Mixed. A fine assortment of largest-flowering varieties in all colors, many of them beautifully spotted and ruffled. Pkt., 15c.

## PHLOX

Probably the most popular and beloved of all perennial plants. Extremely hardy and thriving in the poorest soil. Seed is very slow in germinating often taking from six to twelve months.

Decussata. An exceedingly hardy perennial, quite distinct from the annual varieties. A mixture of the most beautiful colors. Pkt., 20c.

Decussata Lierval's Hybrids. A world-wide famous mixture, newest and most beautiful colors. Pkt., 25c.

## PHYSALIS FRANCHETII (Chinese Lantern Plant)

Has bright red cherry-like fruit enclosed in balloon-shaped husk of orange-red color. May be cut and dried for winter bouquets. Very beautiful and very popular. A tender perennial that should be covered during the winter. Pkt., 10c; 1/4 oz., 40c.

## PLATYCODON

## (Balloon Flower, or

 Japanese Bellflower.) One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April. Blue, Pkt., 15c ; White, Pkt., 15c; Mixed, Pkt., 15c.
## PRIMULA (Primrose)

These are among the prettiest and best of the early spring flowering plants and one of the most important winter blooming pot plants. With a slight protection they will survive the winter. Very easily grown from seed which may be sown from March to June. Partially shaded location is best suited.
Auricula. A well-known favorite of great beauty, the largest of all varieties. Height 10 inches. Mixed colors. Pkt., 25c.
Sinensis Filicifolia (Fern-leaved). With beautifully fringed single flowers; mixed colors. Pkt., 25 c .
Sinensis, Double. Similar to the above except flowers are double; mixed colors. Pkt., 50c.
Sinensis Stella (Star Primrose). Elegantly fringed and waved, with a distinct five-pointed star marking the center. The best type for pot culture. Mixed colors. Pkt., 50c.


Platycodon.

## POLYANTHUS (Primula Elatior)

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches in height. Invincible Giant Mixed. Undoubtedly the finest strain in cultivation, containing all colors from purest white to the richest crimson. Height, 10 inches. Pkt., 25c.

## PYRETHRUM

Handsome plants of easy culture. Invaluable for bedding purposes, especially for ribbon borders; excellent for cutting, blooms from June to September; will bloom the first season if sown early.
Golden Feather. Fine, compact habit with bright, yellow foliage, largely used for edgings and ribbon borders. Height, 9 inches. Pkt., 10c.
Roseum Hybridum. Red petaled flowers radiating from a golden-yellow center. Useful as a cut flower. Height, 15 inches. Pkt., 15c.
Roseum Hybridum FI. PI. Seed saved from the finest double flowers. About 50 per cent may be expected to come true double. Height, 15 inches. Pkt., 35c.

## REHMANNIA

Pink Perfection. A pretty perennial, with large, drooping, trumpet-shaped pink flowers, loosely arranged on long, slender spikes; very fine for cutting. Only half-hardy and should be planted in a sheltered spot and well protected through the winter. Pkt., 25c.

## RUDBECKIA (Cone Flower)

Newmanii. One of the very finest autumn-flowering perennials, bearing large flowers, petals of bright orange yellow, surrounding a large black cone. Seed sown early will bloom the first season. Pkt., 15 c .

Purpurea-See Echinacea.
For Rudbeckia plants see page 97 .

## Irises are one of Rock's Leading Specialties.



Scabiosa Caucasica-Blue Bonnet.

## SAXIFRAGA

These will thrive best in a semi-shady, well - drained situation. Grow about one foot high, and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage, which alone renders them useful, while the pretty flowers, which appear very early in the spring, some almost as soon as the frost is out of the ground, make them doubly effective.
Umbrosa (London Pride, Nancy Pretty, or None-So-
Pretty). A low-growing spreading sort, growing one foot high. Flowers white, sometimes suffused with red. Pkt., 25c.

## SCABIOSA

Caucasica (Blue Bonnet). One of the best of the hardy perennials. The large flowers are a beautiful soft lilac color and are borne on long stems. They are exceedingly charming as cut flowers. The plants begin to bloom in June and continue throughout the season. If the seed is sown early they will bloom the first season. Grow 18 inches high. Pkt., 15c.
Caucasica Alba. Flowers clear white. Pkt., 20c.
Caucasica Perfecta. Lilac blue, shading to deep blue. Pkt., 30c.

## SEDUM (Stonecrop)

An easily grown and useful class of hardy plants which can be used to advantage in rockeries or between stepping stones; very pretty and deserves a place in every garden. Height, 3 inches; blooms May and June. Seed should be sown in a flat box or pot and transplanted.
Acre. Flowers bright yellow. Pkt., 25c.


Statice Latifolia

## STATICE (Sea Lavender)

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets. Seed very slow in germinating often taking 60 to 90 days.
Latifolia. Dense panicles of beautiful laven-
der-blue flowers. Pkt., 15c; 1/4 oz., 40c.
For Statice plants see page 97 .

## STOKESIA (Cornflower Aster)

Cyanea. A rare and beautiful hardy perennial. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavenderblue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border and indispensable for cutting. Seed sown in February or March indoors and transplanted outside will bloom the same season. Pkt., 15c.
Cyanea Alba. A pure white form. Pkt., 15c.

## SWEET WILLIAM (Dianthus Barbatus)

A hardy perennial, blooming the second year from seed. Grows one to two feet high and bears its flowers in clusters, at the end of a stiff stem. The individual flowers are handsomely colored and marked. It makes a beautiful bedding plant, and is of easy culture. Blooms from May through July. Seed sown in February and March will bloom the first year.
Newport Pink. A new and lovely shade of watermelon pink. Very striking and unusual. Pkt., 15c; 2 pkts., 25c.
Holburn Glory. Beautiful trusses of flowers of exceptional size, various colors, all showing a clear white eye. Pkt., 10c; 1/4 oz., 30c.

Dark Crimson. Very effective. Pkt., 10c; $1 / 4$ oz., 30c.
Pink Beauty. A distinct new pink. Pkt., 15c.
Scarlet Beauty. Rich, deep scarlet. Pkt., 15c.
White. Snow white. Pkt., $10 \mathrm{c} ; 1 / 4$ oz., 30c.
Nigrescens. Dark foliage and flowers deep dark red, nearly black. Pkt., 10c; 1/4 oz., 40c.
Mixed Colors. Pkt., 10c; $1 / 4 \mathrm{oz} ., 40 \mathrm{c}$.
Sweet William plants are listed on page 97.

## SWEET ROCKET (Hesperis)

Old-fashioned garden plant; also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high, and bears spikes of showy white and purple fragrant flowers. Excellent for naturalizing shrubbery or for planting in a permanent border. Will bloom the first year if sown early.

Finest Mixed Colors. Pkt.,
10c; oz., 50c.


Tritoma Pfitzeri-Flame Flower.

## TRITOMA

(Red-hot Poker, Flame Flower, or Torch Lily.) Rock's Early Hybrid.


Stokesia Cyanea-Cornflower Aster. The introduction of a new, continuous flowering Tritoma has given them a prominent place among hardy bedding plants. It is not generally known that they are readily grown from seed, many flowering the first year if sown early. Pkt., 20c.
For Tritoma plants see page 97 .
VALEPIANA (Garden Heliotrope)
Showy hardy border plants, producing large umbels of beautiful flowers; fine for bouquets. 2 feet high, blooms in June and July. Seed sown in February inside and transplanted to the upen will bloom the first season.

|  | Pkt. $1 / 4 \mathrm{oz}$. |  |
| :---: | :---: | :---: |
| Red | 10c | 30c |
| Crimson | 10c | 30c |
| Blue | 10c | 30c |

## VERONICA (Speedwell)

Spicata. A very desirable garden plant, especially valuable for cutting. Long spikes of deep blue flowers from June to August, on plants $11 / 2$ feet high. Sow seed early for first year blooms. Pkt., 10c.
For Veronica plants see page 97.

## VIOLA CORNUTA (Tufted Pansies)

A cross between the violet and Pansy and one of the most important bedding plants of Europe, rapidly growing in favor here. They bloom continuously from early May to October. Flowers not so large as Pansies but elegantly scented. Sow seed in May or June and protect during the winter.
Purple Queen. Velvety purple. Pkt., 15c.
Mauve Queen. Beautiful mauve. Pkt., 20c.
Papilio. Violet with dark eye. Pkt., 20c.
Perfection Blue. Clear bright blue. Pkt., 20c.
Perfection White. Pure snowy white. Pkt., 20c.

## VIOLA (Violet)

Seed should be started in a low box or pot and transplanted to the open.
Odorata Semperfiorens. The sweet-scented English violet. Blue. Pkt., 25c.
Odorata Alba. Pure white. Pkt., 25c.
Odorata-The Czar. Fragrant deep blue. The largest of all. Pkt., 35c.

## WALLFLOWER

Beautiful fragrant flowers, excellent for cutting. Should be found in every garden.
New Siberian Wallflower. A real hardy wallflower, lovely orange-yellow flowers. Twelve inches high. Blooms in May. Pkt., 15c.
Giant Double. Mixed colors. Pkt., 20c.


Viola Odorata, The Czar.

## WISTARIA

Sinensis. Wistaria is a strong, rapid grower, desirable for trellises, porches, etc. When well established it blooms profusely. The light purple flowers are very showy, and are produced in long racemes. A large plant in bloom is a beautiful sight. Seed very slow in germinating. Pkt., 10 c .
See page 106 for Wistaria plants.



## 

It is hardly necessary for us to say that Roses, "The Queen of Flowers," with their wide range of colors and adaptability to nearly all situations and soils, provided there is sunshine, are the most satisfactory and highly esteemed plants that may be used to beautify the home grounds, producing wonderful blooms in their true colors and fragrance from early spring to heavy frosts of late Fall and Winter, even almost until November. One need no $t$ be an expert horticulturist to grow roses to perfection.

## HOW TO GROW ROSES

SITUATION. Select an open situation with full exposure to the sun and away from outspreading roots of trees, shrubs, etc. The south side of a house or building would be advisable as this would afford better winter protection.

PREPARATION OF THE BEDS. While Roses thrive in most any garden soil they will more than repay good treatment. Dig out the bed at least two feet deep and provide for drainage if necessary. Fill in the bottom to a depth of 6 to 8 inches with sod, placing on top of this a mixture of good garden soil and well-rotted cow manure; this should extend about two inches above the surface. Allow the soil to settle before planting. The beds should not exceed flve feet in width in order that the blooms may be picked without stepping in the bed.

PLANTING. We recommend the spring planting of Roses in April and May. Unless immediate effect is wanted, they are best not planted closer than two feet, this will allow sufficient space for their growing in later years. In setting the plants in the ground, place the crown of the root at least two inches below the surface, press the soil firmly about the roots and water thoroughly. The top soil should be cultivated frequently during the summer months. An application of fresh manure during the growing season placed over the top of the bed will not only increase the quantity of the blooms but also the quality.

USE OF INSECTICIDES. A weekly application of Bordeaux-Arsenate of Lead mixture up to June 30 th will be beneflcial in protecting the plants from disease. Apply at the rate of 8 ounces to 5 gallons of water. A frequent application of Melrosine will be even better than this solution. In our extensive trials we have found this to be an invaluable insecticide for nearly every use. We offer this on our page of insecticides. In case mildew appears on the leaves, a solution of Sulphide of Potassium at the rate of $1 / \pm$
ounce to one gallon of water, should be used. In using any spraying solution be certain that it is applied on the under side of the leaves as well as the top.

WINTER PROTECTION. The most satisfactory manner of winter protection in this latitude is to draw up a mound of soil about 10 inches high around the base of the plant, covering the entire bed, after the ground begins to freeze, with a covering or mulch of leaves, straw or mixed manure and straw. More severe climates require only deeper covering.

PRUNING. All Roses should be pruned during March or April after the severe frosts. This will not be necessary on the plants which we send out in the spring, only for later years.

Hybrid Tea Roses. Prune severely, cutting the stronger shoots back to within 10 or 12 inches of the ground and the weak, thin wood removed entirely

Tea Roses. Remove the thin wood and cut back the stronger shoots to a prominent eye.

Hybrid Perpetual Roses. Cut away all weak growths and if quality of bloom is desired, cut back the strong canes to within 9 or 10 inches of the ground, but if quantity of bloom is desired, leave these canes from two to three feet high, according to their size.

Baby Rambler Roses. Pruning is not necessary, simply remove the past season's flower stems.

Rugosa Roses require no pruning, merely cut out dead and superfluous wood.

Climbing Roses. Climbing Roses require no pruning in the Spring beyond the cutting. out of very old or dead wood and the shortening of the laterals and long canes to make the growth conform to the space to be covered. A severe pruning in July, directly after they have finished blooming, is benencial. At that time, cut away all old flowering wood. This will not only encourage a vigorous growth but will produce an abundance of flowers the following season.

## SELECT HYBRID TEA ROSES

These are the hardy, everblooming Roses that form the solid basis of any modern Rose garden. They supply flowers so beautiful in form and color, so fragrant, and for so much of the growing season, that they are well worth the little trouble necessary to protect and care for them. Rock's American outdoor grown plants are the best that may be obtained.
Prices: Strong, two-year-old plants of any of the following, except where noted, \$1.00 each; $\$ 11.00$ per dozen.

Caroline Testout. A most valuable bedding variety; large, full, globular flowers of bright deep pink, with brighter center; very free and fragrant.

Columbia. One of the most popular of the recently introduced Roses, not only for indoor forcing, but for bedding and garden effect. It is of strong vigorous habit, blooming very profusely. The large double flowers are of a beautiful pink which becomes even more intense as the blooms mature. Delightfully fragrant.
Etoile de France. A wonderful red variety that is becoming more popular each year. Will succeed in all parts of the country. The large blooms are a soft, velvety crimson on the outer petals and shading to a vivid cerise toward the center. Very double and sweet scented.
Fragrant Bouquet (Introduced 1922). Indeed worthy of its name. Each plant of this beautiful new variety produces the most remarkable sweet scented blooms. While medium in size they are produced in such abundance that the effect is that of a veritable bouquet. The flowers are a delicate flesh pink, with a golden yellow base on each petal. Stock of this varinty is limited, so place your order early. Strong, two-year field-grown plants, \$2.00 each.


Los Angeles Rose.


Gruss an Teplitz Rose.
Gruss an Teplitz. This is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety crimson; very fragrant, a free strong grower and in bloom all the time.
Jonkheer J. L. Mock. The flowers are extra large and of more than ordinary beauty. The bright cherry-red on the outside of the broad petals and the shining silvery white on the inside affords a bicolor effect. Fine autumn bloomer and a favorite with all rose-lovers.
Killarney Pink. It has all the good qualities demanded in a rose. The buds are very long and pointed and the blooms are large and of a lovely bright pink, shaded white and suffused pale pink; deliciously perfumed. Vigorous grower; very free bloomer.

Lady Alice Stanley. Deep coral-rose on the outside of the broad petals, pale flesh on the inside; a gem that everyone admires, the blooms are large, possessing an exquisite fragrance and are borne profusely on strong upright plants. Blooms nearly all season.
Los Angeles. Los Angeles is, by all odds, one of the finest Roses ever introduced. The growth is very vigorous, and they produce a continuous succession of long-stemmed flowers of a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. Strong, two-year-old plants, \$1.25 each; \$14.00 per dozen.
Mrs. Wakefield Christie-Miller. An excellent bedding Rose. The large flowers are borne profusely and over a long period. A lovely shade of silvery pink slightly shaded light salmon. The beautiful coloring is not faded even by the hottest sun.


Rose, Frau Karl Druschki.

## HYBRID TEA ROSES-Continued.

Mrs. William C. Egan (Introduced 1922). A beautiful new Rose named in honor of the wife of Mr. William G. Egan, famous American Horticulturist. The buds are perfect in shape, measuring almost $21 / 2$ inches in length and developing into the most beautiful two-toned pink; the outside of the petals being a soft light pink, and the inside a very deep flesh, with a golden line at the base. The blooms are supported on long stiff stems with but few thorns. An interesting record of this wonderful Rose is shown by six plants in Mr. Egan's garden which produced a total of 298 blooms in one season, an average of almost 50 blooms per plant. This record has been equalled only by a very few other varieties. Our stock of this variety is limited so place your order early. Strong, two-year-old plants, $\$ 2.00$ each.

Ophelia. The blooms are large in size, full in form, and of very attractive appearance. The color is light salmon-pink flesh, shading to yellow at the base of the petals. Blooms all season and conceded by Rose specialists to be the best of its color. \$1.00 each; \$11.00 per doz.

## The Golden Rose of China or Rosa Hugonis

This superb novelty in Roses is one of the most important of the recent introductions. It grows to a height of 6 feet, bearing long arching branches thickly set with lovely single yellow flowers in May. It is not only one of the earliest Roses to bloom but is exceedingly spectacular, entirely hardy and well adapted for shrubbery planting. We offer a limited stock of strong twowyearmold plants, $\$ 1.50$ each.

## Hybrid Perpetual Roses

This class embraces a very popular type of Rose, and the one that forms the basis of the rose display, for which the Middle States are so famous. They are very hardy and bloom profusely in June, making them very desirable for planting with the hardy Climbing Roses.
Frau Karl Druschki. Often called the "White American Beauty" and justly descrving of being the finest white rose. Very large blooms which are produced abundantly in June and frequently at intervals until frost.
George Arends or Pink Frau Karl Druschki. Very similar in habit and form to the white Druschki. In color, is a beautiful pink, distinct from any other Rose. A free bloomer and one of the best.
General Jacqueminot. Brilliant scarlet-crimson. An old favorite and one of the best known Roses in cultivation. A large globular flower. and a free bloomer, thriving everywhere.
J. B. Clark. A splendid large-flowering Rose of a very deep scarlet overlaid with crimson.
Paul Neyron. Probably the largest Rose in existence. A deep pink shading to Rose. Blooms profusely in June and at intervals until frost.
Prices: Any of the above, strong, two-year-old plants, $\$ 1.00$ each; $\$ 11.00$ per dozen.

## Select Tea Roses

A desirable everblooming class admired for their wonderful fragrance and delicate coloring. While most of them are hardy, they are best covered during the winter months.
Harry Kirk. A deep sulphur yellow of very large size, perfect form and flowering abundantly.
Lady Hillingdon. Deep apricot yellow, beautiful in both bud and flower, vigorous grower, and a free bloomer.
Maman Cochet. A rich coral-pink, shaded silvery rose. Large flowers produced in the greatest profusion.
Prices: Any of the above, strong, two-year-old plants, $\$ 1.00$ each; $\$ 11.00$ per dozen.


Rose, Fragrant Bouquet. (See preceding page.)

## Tree Roses

We are pleased to offer for spring delivery a limited supply of these well-grown Tree Forms in the Hybrid Tea types. They are exceptionally beatiful for bordering walks, drives, or specimens on the lawn. They are also used for tall background borders of rose beds where height of bloom is desired. Good strong hardy stems 3 to 4 feel high. For full description of varieties see the p:cceding pages.
Caroline Tesiout. Beautiful pink.
Frau Karl Druschki (Hybrid Perpetual). Pure white.
Gruss an Teplitz. Rich scarlet.
Los Angeles. Luminous flame-pink.
Mrs. Wakefield Christie-Miller. Large, soft silvery pink shaded light salmon.
Ophelia. Salmon pink.
Prices: Any of the above strong plants, \$200 each; \$22.00 per dozen.

## Brier Roses

A very hardy type of Rose producing single and semi-double flowers in the spring. The plants are of rampant growth with perfect foliage. They require no pruning.
Persian Yellow. Lovely golden yellow semi-double flowers. 750 each.
Sweet Brier. The true English Sweet Brier or Eglantine. Attractive single pink flowers with delightfully fragrant foliage. 75c each.

## Rugosa and Mybrid Rugosa Roses

Exceedingly hardy and robust types of Roses which are always desirable. Rugosa means "wrinkled" which refers to the rich and distinct foliage of this group. While they bloom almost the entire season they are equally desirable in the Fall as the single sweet scented flowers are followed by large bright red seed pods which are ornamental in any planting.
Blanc Double de Coubert. Large double pure white flowers, dellghtfully fragrant.
Conrad Ferdinand Meyer. A beautiful double sil-


MR. ROSE BUG: These Roses are the most delicious I have ever tasted.

MRS. ROSE BUG: Yes, but I hope the gardener here don't use Melrosine, it just kills me.
(With Apologies.)

> Melrosine means certain death to Rose Bugs. Listed on page of insecticides.

## Baby Rambler and Polyantha Roses

A very desirable type of Rose for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing immense trusses of small flowers from early in the summer until frost.
Baby Dorothy (Pink Baby Rambler). A delightful bright pink, blooming in masses like the climbing Dorothy Perkins.
Baby Rambler, Red. The flowers are rich, rosy crimson and are profusely produced over a long period. It is dwarf in habit; strong and vigorous, most effective for bedding.
Baby Rambler, White. Same as above with pure white flowers.
Baby Tausendschoen. Distinct from every other Rose, as the large clusters of flowers vary in color from pink to white; the buds on first opening being a light cherry-pink, changing when fully open to delightful rosy-carmine, fading white.
Cecile Brunner or Sweetheart. A dwarf grower. The small flowers are delicate pink, shaded deeper toward the center and are borne in clusters; fragrant.
Ellen Poulsen. The flowers of this desirable variety are large in size, havé an elegant globular. form, and are a brilliant cherry-rose in color. A long seasôn of bloom.
Erna Teschendorff. A beautiful flower of deep crimson, darker than Red Baby Rambler. Very attractive.
Jessie. A superb flower of bright cherry-crimson. An excellent rose for massing.
Mrs. W. H. Cutbush. The blooms are medium sized, of a pleasing shade of peach-pink, and are produced very freely in large clusters until late Fall.
Orleans. A brilliant geranium-red tinted pink, with creamy white centers and carmine on the outside of the petals. Fine for massing.


Perle d'Or. A dwarf growing variety. The flowers are nankeen-yellow, toning to a beautiful orange at the center.

Prices: Any of the above, strong, two-year-old plants, 75c each; $\mathbf{\$ 8 . 0 0}$ per dozen.

## Hardy Climbing Roses

The Climbing or Rambler Roses are desirable not only for cut flowers, but for covering trellises, fences, arbors, etc., where they are indispensable. We offer in the following selection the best modern Hardy Climbing Roses.
Climbing American Beauty. While the name is somewhat misleading, it is one of our best climbing roses. Growing vigorously as high as twelve feet and bearing an abundance of large, deep rosy-pink blooms. Excellent shiny foliage, and very thorny.
Crimson Rambler. The plants are strong growers. The crimson flowers are produced in abundance in large trusses, making a gorgeous display.
Dorothy Perkins. Soft shell pink, flowering profusely in large clusters; very fragrant and lasting; a, grand rose in every way, and one of the most popular varieties.
White Dorothy Perkins. Duplicate of the Pink Dorothy Perkins except in color, and just as popular.
Dr. W. Van Fleet. One of the most important climbing roses. The long pointed buds are of a rich flesh pink on stems 12 to 18 inches long. Splendid for cutting.

Excelsa. The flowers are of double form, having a brilliant scarlet-crimson color, and are borne in large .trusses.
Marechal Niel. The most beautiful of all Yellow Roses in the South where they are entirely hardy. In some central localities they are hardy also, if given very heavy covering. Large, bold flowers, deliciously fragrant. Strong, two-yearold plants, $\$ 1.00$ each; $\$ 11.00$ per dozen.
Paul's Scarlet Climber. This new climbing rose is undoubtedly the most brilliant addition to Roses in many years. It was awarded a Gold Medal by the National Rose Society and an Award of Merit by the Royal Horticultural Society of England, and was also awarded during the summer of 1918 the much coveted Gold Medal at the Bagatelle Gardens, Paris. It is a vivid scarlet, shaded with bright crimson, and does not burn or fade until the petals fall. Of strong climbing habit and perfectly hardy. Makes a magnificent display. Strong, two-year-old plants, 85 c each; $\$ 9.00$ per dozen.
Prices: Except where noted, any of the above, strong, two-year-old plants, 75c each; $\$ 8.00$ per dozen.

## ROCK'S SELECT DAHLIAS

Dahlias are unquestionably the most popular and satisfactory of late blooming flowers, producing blooms in the most delicate and lively colors in many interesting and beautiful types. The great number of more or less distinct varieties which cumber the Dahlia catalogs is bewildering. We are trying to keep our lists down to a reasonable selection from the established varieties we know and what we deem the best of the new introductions. Dahlias are not particular as to the soil or location. Plant in the open ground, about the first of May if the weather is favorable. If the ground is still cold and wet, defer planting until later date. Tubers should be planted about 6 inches deep, laid flat, eyes or sprout up. Express and mailing charges on dormant roots to be prepaid by purchaser or forwarded collect.
Attraction. Cactus type. A beautiful Dahlia that is greatly admired. The flowers, which measure fully 6 inches in diameter, are composed of gracefully arranged curled or twisted petals of a lively yet soft silvery mauve-rose with white suffusion. 75c each.

Break o' Day. Gactus type. It is the beautiful blending of the decorative and cactus types, suggesting a full high center, decorative Dahlia, with back curved petals coming up through the flatter ones. The color is a delicate, clear sulphur yellow, shading to sulphur white at tips. The entire flower illuminated by a satiny sheen. Early and free flowering and always admired. \$1.00 each.

Chatenay. Peony-flowered type. Soft carmine rose shaded crimson. Splendid flowers borne on long stiff stems. 35c each.
Countess of Lonsdale. Cactus type. A distinct shade of salmon-rose and very beautiful. Blooms freely under all conditions, making it a very desirable variety for both cutting and garden effects. 50c each.


Cactus Dahlias, Countess of Lomsdale.


Show Dahlia, Princess Victoria.
Delice. Decorative type. A most beautiful soft bright pink, perfect in shape and borne profusely on long stiff stems. One of the best for cutting as the flowers remain fresh a long time in water. Very desirable for garden effects. 35c each.
Dorothy Peacock. This is the old-fashioned double type which will always have many admirers; they are very free, early and continuous bloomers, and are splendid for cutting. A grand flower and the very best large pure shell pink variety in cultivation. 35 c each.
Etendard De Lyon. Gactus type. Everyone stops to admire this beautiful carmine rose giant, which we consider one of the finest varieties for the garden decoration. The flowers are distinct in shape from all others, the petals are broad, curled and wavy and form a flower fully six inches in diameter and four inches deep, very large, yet without stiffness or formality. \$1.00 each.

Fackel. Peony type. Bright coral red with a suffusion of gold and passing to saffron-yellow at the edges. A beautiful flower which lends a very lively effect in the garden. In some localities the flowers change in color during the blooming season, often times being two or three different colors on the same plant. 50c each.
General J. B. Seth. Cactus type. Glowing cardinal scarlet, large and double with broad handsome petals. Perfect in form. 50c each.

## DAHLIAS-Continued

Golden Gate. Cactus type. Deep rich golden yellow, shaded with fawn. Great full flowers often 9 inches across, borne early and profusely. 50c each.
Hortulanus Fiet. Decorative type. A large erect flower, often measuring 8 inches across and of the loveliest shade of shrimp pink. The tips of the petals are daintily suffused with gold while the entire flower is delicately tinted with coral and yellow. 75c each.
Jack Rose. Decorative type. Brilliant crimson-red in color. The flowers are usually large, full but open faced, with long, flat petals. They habitually bloom with great freedom, and the individual flowers make a gorgeous display in the field, besides furnishing magnificent cut flowers. 35c each.
Kalif. Cactus type. A giant type of impressive character and brilliance. Its evenly disposed rays are broad at base with long, tubular quills. The center a noticeably compact tuft. In color a pure scarlet. The habit of the plant is all that can be desired, growing about $41 / 2$ feet high. \$1.00 each.
King of the Autumn. Decorative type. This is a great Dahlia, both as a cut flower as well as for garden decoration. The plant is of upright, sturdy growth with probably the longest cutting stems of any variety. The flowers measure four to six inches across, with broad, even petals. In color it is one of the most effective and pleasing autumnal tints, a charming combination of salmon, tan and old gold so pleasing not only in the sun but equally so under artificial light. 50c each.
Lawine. Cactus type. A beautifully formed flower of large size. Pure white in color with a suggestion of blush at center. One of the best Dahlias for cutting. 35c each.
Mina Burgle. Decorative type. Rich luminous dark scarlet flowers with loose, recurved, broad petals. Large in form and strongly upheld. Unusually free and continuous bloom. We consider this one of the very best in our collection. Splendid both for cutting and garden decoration. 50c each.
Mme. Coissard. Peony type. Very large flowers of bright crimson, freely marked and suffused with white and composed of the most graceful recurved petals. To our knowledge, this flower is the most striking and graceful of this class. $\$ 1.00$ each.
Oregon Beauty. Decorative type. A brilliant gorgeous flower that attracts much attention on account of its rich color, an intense orientalred with golden sheen and garnet'suffusion. Produces its large flowers on long stems in the greatest profusion. One of the most desirable garden varieties. 50c each.
Patrick O'Mara. Decorative type. One of the most important of the recent introductions in Dahlias, named in honor of one of America's noted horticulturists. It has been prominent in many shows throughout the country and especially so in the New Yorls show of the American Dahlia Society where it was awarded the Society's Gold Medal; it is justly deserving of such high esteem. The flowers are of large size, perfect shape and borne profusely on long stiff stems; a rich chrome yellow with deep salmon, suffusion. \$1.00 each.
Princess Juliana. Decorative type. Pure white flowers, well-formed and produced on long stems. It is one of the earliest to flower, and continues throughout the season. 50 c each.
Princess Victoria. Show type. Large, round, fully quilled flowers of perfect form and soft, rich yellow color. Never produces an imperfect flower; in bloom early and late; long stiff stems; fine for cutting. 35c each.

Rheinkoenig. Cactus type. Pure snow-white flowers of splendid form, five inches and over in diameter. They are borne on long, stiff stems, held well above the foliage, making it as valuable for garden decorations as for cutting. 50c each.
Souvenir de Gustave Doazon. Decorative type. A very large bright red, intense in color and often measuring 8 inches across. An excellent bloomer and very easily grown. 35c each.
Sylvia. Decorative type. Soft, pleasing mauvepink, changing to white in the center; a fine cut flower. 35c each.
White Swan. Show type. A distinct pure white of perfect form, blooming profusely under ordinary conditions. 35c each.

## SINGLE DAHLIAS

These are more decorative than the finest Cosmos with flowers frequently six inches across. No words can properly convey an idea of their real value and beauty both for garden and for cutting.
Rose-Pink Century. A clear rose-pink color; flowers frequently 6 inches in diameter; a fine grower with long, stiff stems; fine for cutting. 35 c each.
Snowflake. A large flower of the purest white. The finest single white yet introduced. 35c each.
Wild Fire Century. Brilliant cochineal-red with orange-scarlet suffusion. Growth tall and compact with ornamental foliage. Flowers are round and close petaled, of fair size. 25c each.

## DOUBLE POMPON DAHLIAS

Small flowers, as round as a ball and double; a plant often shows one hundred of these superb blossoms, unlike other Dahlias, very dainty and attractive. Fine for cutting.
Bobby. Deep plum. One of the best. 25c each; $\$ 2.50$ per doz.
Indlan Chief. Crimson. Very free. 25c each; $\$ 2.50$ per doz.
Kleine Domitea. Orange buff, always in flower. 25 c each; $\$ 2.50$ per doz.
Snow Clad. A very reliable pure white. 25c each: $\$ 2.50$ per doz.

## ROCK'S GIANT FLOWERING CANNAS

good results in our varied and trying climate. They do good results in our varied and trying climate. They do inently all sections of the country, and stand pre-emtion in any soil, but responding quickly to liberal posiment. For best results the bed should be spaded two feet deep and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times supplying water freely. For best effect plant in large masses of one color, setting out plants 2 feet apart. By consulting our descriptions, varieties may be selected according to desired heights, which range from $31 / 2$ to 6 feet. Express and mailing charges on dormant roots or pot grown plants to be prepaid by purchaser or forwarded collect. The prices quoted are for dormant roots. pot-grown plants can be supplied in April, May and June of varieties marked with an asterisk (*) at 35c; $\$ 3.50$ per doz.
Cheerfulness. The name is very appropriate for this brilliant novelty. Its beautiful bright firered or deep orange flowers appear early and cointinue without interruption until frost. Add to the prevailing color a golden border and center, with each petal flaked carmine-crimson, and you may form some conception of this fascinatins variety. Green foliage. $31 / 2$ feet. $25 c$ each; $\$ 2.50$ per doz.s $\$ 12.50$ per 100.
City of Portland. Distinct among the several really worth while pink Cannas. A wonderful bright rosy-pink holding its tone through both hot and cool weather. The great, full-petaled trusses are borne very freely on heavy stalks and mako a wonderful show throughout the season. Green foliage. $31 / 2$ feet. 35 c each; $\$ 3.50$ per doz.
David Harum. Flowers orange-scarlet spotted vermilion. Foliage dark, glossy bronze and plum. 4 feet. 25c each; \$2.50 per doz.; \$12.50 per 100.
Duke of Warlborough. Rich crimson maroon Foliage green. 5 feet. 25c each; $\$ 2.50$ per doz.; \$í2.50 per 100.
Fanal. An intense fiery cinnabar-red that compels attention. An ideal grower producing a great abundance of flowers on upright stems well above the foliage. One of the best bedders. Green foliage. 4 feet. 25c each; $\$ 2.50$ per doz.; \$12.50 per 100.
Favorite. This is the best yellow Canna spotted with red dots. The yellow is intense, and the dots add to the beauty of the flowers without detracting from the golden mass. Green foliage. $41 / 2$ feet. 25c each; $\$ 2.50$ per doz.; $\$ 250$ per 100.
Feuermeer. Brilliant fiery-scarlet. A beautiful variety with green foliage. 4 feet. 25c each; $\$ 250$ per doz.; \$ $\$ 250$ per $\mathbf{1 0 0}$.
*King Humbert. The most popular Canna. Great orange-scarlet flowers surmount the vigorous dark-bronze foliage throughout the season. $41 / 2$ feet. 25c each; \$2.50 per doz.; \$12.50 per 100 .

* Yellow King Humbert No. 1. This is a wonderful new "sport" from King Humbert, bearing the same graceful leaves, but richly all-green instead of bronze. The same regal type and immense size of flower, but a brilliant yellow instead of red, and produced more abundantly. The most handsome variety of this type. 4 to 5 feet. 25c each; \$2.50 per doz.; \$12.50 per 100
* Yellow King Humbert No. 2. The flowers are somewhat darker than the one described above and it possesses a beautiful bronze foliage. Other characteristics identical. 25c each; \$2.50 per doz.; \$12.50 per 100.
* Pungaria. A magnificent pink Canna widely used for large solid beds. There is a quiet refinement about this delicate rose-pink Canna that charms everyone and has made it one of the most popular. Green foliage. $3^{1 / 2}$ to 4 feet. 25c each; $\$ 2.50$ per doz.; $\$ 12.50$ per 100.

*Endiana. A distinct variety noted for their Orchid-like flowers and tall and stately habit. Soft orange lightened by flecks of gold, penciled and slightly margined with deep rose. The foliage is massive and abundant and the vigorous roots throw up more stalks than any other variety, the flowers being of largest size, although of delicate texture. 6 feet. 25c each; $\$ 2.50$ per doz.; \$12.50 per 100.
LaFayette. A magnificent bedding variety with massive erect trusses of blood-red flowers. Green foliage. 5 feet. 50c each; $\$ 5.00$ per doz.
*Louisiana. Very large, beautiful vivid scarlet orchid-like flowers, often measuring 5 to 6 inches across. Glossy green foliage. 6 feet. 25 c each; \$2.50 per doz.; \$12.50 per 100.
Louis Revercheon. One of the very best dark leaved varieties with very large flowers of cochineal red color. A splendid bearer. $41 / 2$ feet. 30c each; \$3.00 ner doz.
*Wrs. A. Conard. Large, exquisitely shaded sal-mon-pink flowers produced in great abundance on robust, upright stalks. Green foliage. One of the best of pink varieties. 4 feet. 50c each; $\$ 5.00$ per doz.
Poppy. Intense poppy-red. Large, perfect florets in good trusses over greenish-bronze foliage. Rich and effective. 5 feet. 50c each; $\$ 5.00$ per doz.; \$35.00 per 100.
*The President. In color, a rich, glowing scarlet, and the immense, firm, rounded flowers, 7 to 8 inches across are produced on strong, erect stalks well above the large, rich green foliage. "The President" is the greatest of all red varieties in quantity and also quality of bloom, and the firm flowers resist drouth and heat to a remarkable degree. 4 feet. 35c each; \$3.50 per doz.; \$25.00 per 100.
"Wintzer's Colossal. The largest flowered Canna to date, with flowers often measuring 8 inches across. The color is a bright scarlet. The plant is a strong vigorous grower and very free flowering. It is of the Orchid-flowering type and very striking. 5 feet. 30c each; \$3.00 per doz.;
$\$ 20.00$ per 100.


## ROCK'S SUPERB GLADIOLI

This group contains all standard and new introductions of American origin of proven merit. Rock's bulbs are guaranteed true to name and of the highest quality. After the bulbs are planted, no other attention is required except to keep the beds clear of weeds. In cladioli we find almost every color and shade known and their graceful flowers are beautiful in one's garden as woll as in the home. The main planting of Gladioli bulbs should be made the latter part of . Amil, will, additional plantings every three weeks until July 1, to secure a suceession of blooms umbil frost. plant bulbs about 5 inches deep to bottom of bulb. Bulbs in be shipped mail orempess at pu:chaseres expense.

Amorica. Too much cannot be said of this beautiful soft flesh-pink: Orchid-like in its coloring and texture. The flowers are of immense size, borne on a very strong spike. A favorite. 10c each; 75c per doz.; \$5.00 per 100.
Baron Hulot. A rich violet-blue in color, of medium size: very effective when used with either pink or yellow varieties. 12 c each; $\$ 1.25$ per doz.; \$10.00 per 100.
Chicago White, A fine white variety with lavender stripes on the lower petals. From seven to eight flowers open at one time. 10c each; 75c per doz.; $\$ 5.00$ per 100.
Empress of India. One of the best of recent novelties. Rich velvety dark red with deeper shadings. 10c each; \$1.00 per doz.; \$7.00 per 100.

Evelyn Kirtland. A splendid rosy-pink shading to shell-pink in the throat and brilliant scarlet blotches on the lower petals. A tall spike of glistening substance. 20c each; \$2.00 per doz.; $\$ 5.00$ per 100.
Halley. A wonderfully attractive early-blooming sort, with large well-opened flowers of a delicate salmon-pink. Flowers large and well placed on long graceful spikes. One of the most beautiful. 10c each; 75c per doz.; $\$ 5.00$ per 100.
Herada. Very large flowers on tall spikes, in a most unusual shade of clear, glistening mauve. 15 c each; $\$ 1.50$ per doz.; $\$ 10.00$ per 100.
Kunderdii Glory. An elegant shade of cream, slightly tinted apricot with fine red pencilings in the throat. The petals are beautifully ruffled. 10c each; \$1.00 per doz; $\$ 7.50$ per 100.
Loveliness. This variety produces flowers of distinction in daintiness and beauty, as the name implies. Color a clear cream-tinted pink, very soft and delicate. Nearly all flowers are open at one time. 12 c each; $\$ 1.25$ per doz.; $\$ 8.00$ per 100.

Le Marechal Foch (New). A superb Holland introduction of a most beautiful soft pink. A seedling of the well known America with flowers reen larger than that popular variety. Early. 25c each; $\$ 2.50$ per doz; ; $\$ 18.00$ per 100.
Mrs. Francis King. A beautiful shade of light scarlet or flame color. Large flowers on a snikn growing 3 to 4 feet high, with six to eight flowers open at one time. One of the most effective and magnificent medium late varieties. 10c each: 75c per doz.; $\$ 5.00$ per 100 .
Mrs. Frank Pendleton. All experts agree that this is one of the finest varieties yet introduced. Th. flowers are of largest size, light pink, heavil: blotched with blood-red in throat. 10c cash. $\$ 1.00$ per doz.; $\$ 7.50$ per 100.
mrs. Watt. American Beauty Rose color. ExtremeIr handsome flowers. 10 c each; $\$ 1.00$ per doz.: $\$ 7.50$ per 100.
Wyrtle. Pale rose, deepening on outer edge of netals. The flowers open regularly on spike 15 c each; $\$ 1.50$ per doz. ; $\$ 12.00$ per 100.
Niagara. A delicate cream-yellow. lightlv tinted with rosy-carmine in the throat. Excellent for color, texture and keeping qualities. 10c each; $\$ 1.00$ per doz.; \$7.50 per 100.

Panama. It is ssimilar to and has all of the good qualities of America, but in color is a rich rosepink. 10c each; $\$ 1.00$ per doz.; $\$ 7.50$ per 100.
Peace. A very large white flower with pale vinlet feathering on lower petals. Flowers borne on tall, graceful spikes. Should be planted early, as it is a rather late bloomer. A beautiful and exceedingly refined variety. 10 c each; $\$ 1.00$ per doz.; $\$ 7.50$ per 100.
Persia. A rich dark red, similar to Empress of India. A beautiful variety. 10 c each; $\$ 1.00$ per doz.; \$7.50 per 100.
Pink Beauty. Pale carmine with large geranium pink bloteh on lower petals. Very early. 10c each; 75c per doz.; $\$ 5.00$ per 100.
Prince of Wales. An early flowering sort with fine spikes of large flowers of delicate aprientpink suffused salmon. Eight or ten blooms open at one time. 15c each; \$1.50 per doz.; \$10.00 per 100.
Princepine. Carmine red with large white blotch. An unusual variety. 120 each; $\$ 1.25$ per doz.; $\$ 8.00$ per 100.
Schwaben. This is the largest and strongest flowered yellow Gladiolus. A clear citron-yellow with aster-purple tongue on lower petals. Buds sulphury yellow. I2c each; $\$ 1.25$ per doz.; $\$ 8.00$ per 100.
War. Crimson blood red, with deeper shadings. Very tall. 15 c each; $\$ 1.50$ per doz.; $\$ 10.00$ per 100.
Willy Wigman. Large wide open flower. Bloom of a beautiful blush pink with large bright crimson bloteh on lower petals. One of the most attractive Gladioli that we offer. Spike of very graceful habit, and the effect of the crimson on the cream petals is most pleasing. 10c each; \$1.00 per doz.; \$7.50 per 100 .
Yellow Hammer. Pure yellow, lightly penciled red in the throat. A beautiful variety for cutting. 12c each; \$1.25 per doz.; $\$ 8.00$ per 100.

## Collections of Superb Named Gladioli

1 each of the 25 rarieties listed, 25 in all $\$ 2.60$ 3 each of the 25 varieties listed, 75 in all 7.25 6 each of the 25 varieties listed, 150 in all 3.50 12 each of the 25 varieties listed, 300 in all 24.00

## 

These Hybrid Gladioli, gained by crossing the snecies Primulinus with the larger varieties of the Gandavensis type, have retained the dainty and graceful form of their Primulinus parent even to the hood, formed by the drooping of the upper petal and have an added beauty of exquisite coloring from the softest primrose to the palest rose. They are among the finest bulbous plants and cannot be ton strongly recommended. Can be Blanted any time during April or May
Primulinus Hybrids. A most extensive assortment of all the newest and rarest Hybrids. POc each; $\$ 1.00$ per doz.; $\$ 7.50$ per 100.
Queen Victoria. Glittering bright pink outer petals, throat silvery rose, flowers are large. The best for cut flowers. Blooms in June. 45 c each; $\$ 1.50$ per doz.; $\$ 10.00$ per 100.


Achillea-"The Pearl."


Aquilegia.


Anchusa Italica.

## Rock's Hardy Perennial Plants

A garden of hardy perennials is a most important adjunct to the home.
Many kinds are up and in bloom before it is time to think about setting out annuals, and with a small border planting there is no time during the entire season but what one will find a wealth of bloom on some one or more kinds of these most popular plants.

Rock's Perennials are all large size, strong field grown, transplanted stock, unexcelled for home garden planting.

## Achillea - Milfoil or Yarrow

The blossoms resemble small Pompon Chrysanthemums. Hardy and will thrive in almost any situation. Very desirable for garden or for cemetery decoration. Blooms nearly the whole season.
Millefolium Roseum (Rosy Milfoil). Finely cut deep green foliage, flowers pink in dense heads; 18 inches high and blooms all summer. 30c each; $\$ 2.50$ per doz.
Ptarmica fl. pl. "The Pearl." Pure white flowers borne in the greatest profusion the entire summer on strong erect stems, 2 feet high; as a summer cut flower it is of great value. 30c each; $\$ 2.50$ per doz.

## Agrostemma = Rose Campion

Stout, erect-growing plants with silvery foliage, which contrasts well with the showy flowers; produced during June and July. Height, $21 / 2$ to 3 feet. Coronaria (Mullein Pink). Bright rosy-crimson 30c each; \$2.50 per doz.
Hybrida Walkeri. Cerise. Extra fine. 30c each; $\$ 2.50$ per doz.

## Alyssum

Saxatile Compactum. "Basket of Gold." An indispensable plant for the rockery or border, growing one foot high, blooming in April and May; masses of broad, flat heads of bright yellow flowers. 30c each; $\$ 3.00$ per doz.

## Anchusa Italica

## (The Improved Itallan Alkanet)

For producing a mass effect of brilliant blue, the Anchusas cannot be surpassed. The rich blue tones of their flowers fill a vacancy in this color of which there is never a superabundance, particularly during their flowering period, which covers the months of May, June and July. They should be treated as biennials, as the old plants exhaust themselves at the end of two to three years. They reproduce themselves, however, from self-sown seed. The blooming season can be extended for several weeks by cutting the spikes as soon as the flowers fade. Height, 4 to 5 feet.
Dropmore. Tall spikes of beautiful blue flowers.
Rough, broad foliage. 25c each; \$2.50 per doz.

## Anemone - Japanese Windflower

One of the most important of hardy perennial plants, bearing most beautiful flowers in August. Excellent for cutting. Height, 2 to 3 feet.
Whirlwind. Large, semi-double pure white flowers; very free.
Queen Charlotte. Very large semi-double flowers of La France pink, an unusual color among hardy plants, and very beautiful.
Japonica Alba. Large snowy white, excellent.
Japonica Rubra. Beautiful rosy-red; stamens bright yellow.
St. Brigid. Large, semi-double perfectly formed flowers in a mixture of the most brilliant and gorgeous colors.
Prices for the above: 35c each; $\$ 3.00$ per doz.

## Anthemis = Marguerite

Tinctoria. Handsome, finely cut foliage, and large, golden yellow, daisy-like flowers produced the entire summer. Succeeds in the poorest soil. 15 inches high. 25c each; \$2.50 per doz.

## Aquilegia - Columbine

As a cut flower, the Columbines are the daintiest of our outdoor grown flowers. They are not at all particular as to soil or location, although they prefer a sandy loam and a moist but well drained, sunny position, and usually make themselves at home in any hardy border or rockery. Their period of flowering covers the late spring and early summer months.
Chrysantha (Golden Columbine). Beautiful golden yellow flowers; blooms for two months. 30c each; \$2.50 per doz.
Coerulea (Rocky Mountain Columbine). Bright blue and white long-spurred flowers. An excellent variety. 30c each; \$2.50 per doz.
Rock's Long-Spurred Mixed Hybrids. This is the most admired type of Columbines. The plants are of strong, thrifty growth. The flowers of largest size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., making a most vivid display in the spring. 30c each; $\$ 2.50$ per doz.; extra large clumps, BOc each; $\$ 5.00$ per doz.


Bed of Hardy Chrysanthemums.

## Artemisia Lactiflora

## (Hawthorn-Scented Mugwort)

Deep green, cleft foliage and compact bush shape make this choice perennial attractive throughout the summer, but doubly so in August and September, when in bloom. The creamy, white Spirea-like flowers are sweetly scented and are borne in large terminal panicles on erect stems 3 to $41 / 2$ feet tall. 30c each; $\$ 3.00$ per doz.

## Asclepias Tuberosa - Butterfly Weed

Very attractive native plants, flowering during June and July, and growing about $21 / 2$ feet high Their flowers are brilliant orange-scarlet in color 25c each; \$2.50 per doz.

## Hardy Asters - Michaelmas Daisies

The Michaelmas Daisies are a very useful and attractive family of perfectly hardy perennials, largely used by landscapers to provide masses of foliage and bloom throughout the fall.
Novi Belgii Climax. Plants of strong, vigorous habit, over 5 feet high, fully one-half of which consist of much-branched pyramidal-shaped flower stems filled with light lavender-blue flowers, each $11 / 4$ inches or more in diameter. It blooms from August until October. 25c each; $\$ 2.50$ per doz.
Novi Belgii White Climax. Same as above with pure white flowers; 5 feet. 25c each; \$2.50 per doz.

## Bocconia - Plume Poppy

Cordata. A noble, hardy perennial, beautiful in foliage and flower, and adapted for planting in the shrubbery borders, center of beds, and in bold groups. It will grow in any soil or situation, attaining 6 to 8 feet in height. Flowers creamy white in terminal panicles during July and August. 25c each; $\$ 2.50$ per doz.

## Boltonia - False Chamomile

Asteroides. A showy, nảtive, hardy perennial plant with large, single Aster-like flowers; in bloom during the summer and autumn months, and with its thousands of flowers open at one time produces a very showy effect. Pure white, 5 to 7 feet. 25c each; \$2.50 per doz.

## Canterbury Bells - Campanula

Calycanthema (Cup and Saucer). The finest of the Canterbury Bells, differing from the other varieties in that it has a calyx surrounding the flower and of the same color. 3 feet high. Blue or white, 30c each; $\$ 3.00$ per doz.
Single. Similar to above only without the calyx surrounding the flower. White, blue or crimson. 30c each; $\$ 3.00$ per doz.

## Centaurea

Montana (Perennial Corn Flower). Grows 2 feet high, bearing large, violet-blue flowers from June to September. 25c each; \$2.50 per doz.

## Cerastium - Snow-in-Summer

Tomentosum. A low growing rockery or carpet plant, with silvery foliage and white flowers. Flowers in June. 25c each; \$2.50 per doz.

## Hardy Garden Chrysanthemums

A universal favorite for outdoor bedding and justly so considering their wonderful qualities. The gorgeous flowers, in numerous rich shades, are produced in September and October when most other flowers , have passed. It is not uncommon for them to bloom as late as November.

The varieties listed below are a selection of the latest introductions, a great improvement over the older types. They should not be planted in wet situations.
Capt. R. H. Cook. Large button-shaped flowers of a clear, deep, rose-pink; a tall upright grower. Connie Dick. A large flowering rich golden yellow.
Cranfordia. A splendid early flowering double yellow.
Hortense Malgot. A magnificent double pink.
Ida Catherine Skiff. A single type of bronzeamber; excellent cut flower.
Lillian Doty. Large tall growing pink, incurved petals.
Model of Perfection. Vigorous free white button.
Mrs. Harrison Craig. A most unique chrome yellow overlaid with brilliant orange crimson.
White Doty. Beautiful pure white, globular Aster form.
Prices for the above: Pot-grown plants ready in May. 30c each; $\$ 3.00$ per doz.


Coreopsis.


Shasta Daisies.


Delphinium Belladonna.

## Chrysanthemum Maximum

## Shasta Daisy

The improved varieties of Marguerite, all allied to the Ox-eye Daisy that adorns our fields in the spring, are among the most useful of our garden flowers. Not only have these flowers been greatly improved in size and form, but there are now early and late-blooming varieties which give a succession of long-stemmed flowers so valuable for vase decoration during four months of the year. The Shasta Daisy has a small yellow center with long white petals, the slender stems springing from the base of the plant, and is attractive either in the perennial border or as a cut flower.
Sutton's May Queen. A giant Ox-eye Daisy which commences blooming early in May when longstemmed flowers for cutting are scarce. Plants robust and very free-flowering. Height, 2 feet. 30c each; $\$ 3.00$ per doz.
Shasta Daisy "Alaska." A decided improvement on the original, with blooms 3 to $31 / 2$ inches across, of pure glistening white. Very freeflowering and in bloom nearly all summer. 25c each; \$2.50 per doz.
King Edward VII. Very large, handsome pure white flowers of fine form. Height, $21 / 2$ feet. 25c each; \$2.50 per doz.
Mrs. C. L. Bell. Pure white and undoubtedly the largest flowered variety of this class, they have been known to measure as high as 5 inches across, borne on long robust stems. Height, $21 / 2$ to 3 feet. 30 c each; $\$ 3.00$ per doz.

## Chelone = Shell Flower

Barbatus Coccinea. A hardy border perennial of Pentstemon-like habit, producing long racemes of scarlet flowers. Blooms June and July. 3 feet. 25c each; \$2.50 per doz.

## Coreopsis

Lanceolata Grandifiora. One of the best hardy plants. Flowers are rich golden yellow, borne in great profusion neariy the entire summer. It succeeds everywhere. 2 to 3 feet. 25c each; $\$ 2.50$ per doz.

## Desmodium

Pendulifiorum. Exceedingly effective when planted in masses in the shrubbery border, and especially valuable. It produces clusters of rose and purple nea-shaped blooms from August to October. 2-year, 60c each; \$6.00 per doz.

## Defpounium - Hardy Larkspur

Indispensable to the herbaceous garden. Their long, showy spikes of flowers persist from June until frost and furnish the most satisfactory blues to any color scheme.
Belladonna. The most continuous bloomer of all, never being out of flower from the end of June until cut down by hard frost. The clear tur-quoise-blue of its flowers is not equalled for delicacy and beauty by any other flower. 25c each; $\$ 2.50$ per doz.
Bellamosum. This is a dark blue form of Belladonna with same habit of growth, freedom of bloom and other good qualities, but with intensely rich, deep blue flowers. 25c each; \$2.50 per doz.
Chinensis. Of dwarf habit with elegant fern-like foliage; flowers loosely panicled; in blue or white. 25 c each; $\$ 2.50$ per doz.
Formosum. The old-fashioned dark blue Larkspur with white center; very vigorous and one of the best. 3 to 4 feet high. 25c each; \$2.50 per doz.
Rev. E. Lascelles. A new variety of great beauty; long spikes of large and very double deep blue flowers, with white center. 30c each; \$3.00 per doz.
Rock's Gold Medal Hybrids. The finest strain of mixed hybrids ever offered. The plants are of strong vigorous habit, with large flowers on spikes two feet and over in a variety of color from the lightest blue to the deepest purple, the majority running in the lighter shades of blue. 25c each; \$2.50 per doz.

## Dicentra or Bleeding Heart

Eximia (Plumy Bleeding-Heart). A dwarf-growing sort, with beautiful, finely-cut foliage and showy racemes of pretty pink flowers throughout the season. Too much cannot be said for this fine border plant as it is equally at home in full shade or sun and perfectly hardy everywhere. Blooms from April to August. About 15 inches high. 30c each; $\$ 2.50$ per doz.
Spectabilis (Bleeding Heart). An old-fashioned favorite; its long racemes of graceful heartshaped pink flowers are always attractive; perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. Stock of this item is very limited, so place your order early. 75c each; $\$ \mathbf{8 . 0 0}$ per doz.


## Dianthus = Hardy Garden Pinks

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor, and make a fine edging to a hardy border. Should be in every garden where cut flowers are wanted. Grenadier. A bright red resembling a large double carnation. Elegantly scented and blooms exceedingly abundantly, very hardy. 30c each; $\$ 3.00$ per doz.
Pheasant Eye. Single white flowers with crimson eye.
Plumarius (Grass Pink or Scotch Pink). A beautiful single hardy Pink, fringed-edged white flowers, with a dark center.
Semperflorens (Everblooming Hardy Garden Pink). Very beautiful, sweet-scented, double, semidouble and single flowers in great diversity of color.
Choice Mixed. The very best varieties of Hardy Garden Pinks. The most beautiful semi-double and double flowers in a variety of colors.
Prices any of above, 25 c each; $\$ 2.50$ per doz. Extra large clumps, 50 c each; $\$ 5.00$ per doz.

## Digitalis - Foxglove

Gloxiniaeflora (Gloxinia-flowered). For stately and picturesque beauty it is not to be surpassed, and planted in masses in the garden amons shrubs or naturalized on the edge of woods, in the orchard or along brooks, it is extremely effective and satisfactory. A beautiful strain of finely-spotted varieties. We offer them in Rose, White and Purple. 25 c each; $\$ 2.50$ per doz. Mixed colors, 25 c each; $\$ 2.00$ per doz.

## Echinops = Globe Thistle

Ritro. Interesting and showy thistle-like plants with globular heads of deep metallic blue flowers, which can be dried and remain attractive for a long while; 2 to 3 feet. 30c each; \$3.00 doz.
Sphaerocephalus. Thistle-like plant with large globular heads of bluish-white flowers. 3 feet. 30c each; $\$ 3.00$ per doz.

## Eryngium - Sea Holly

Amethystinum. The true blue thistle, with amethyst stems and bracts. The flower heads, which are produced from July to September, are useful to cut for vases or dry for winter bouquets. 35 c each; $\$ 3.50$ per doz.

## Funkia = Day Lily

Lanceolata. Desirable foliage plants which will thrive in sun or shade. Valuable by reason of its lilac flowers in July. 2 feet. 25 c each; $\$ 2.50$ per doz.
Subcordata Grandifiora Alba. Very large, pure white, lily-shaped, fragrant flowers in August and September; $21 / 2$ to 3 feet. 35c each; \$3.50 per doz.

## Gaillardia - Blanket Flower

Rock's Superb Hybrids. One of the showiest hardy plants, growing about 2 feet high and succeeding in any soil in a sunny position; beginning to flower in June, they continue the entire season. No more brilliant and beautiful sight can be imagined than a large bed of Gaillardias, with its profusion of highly colored red and yellow, daisy-like flowers. 25c each; $\$ 2.50$ per doz.
Grandifiora Mixed. An excellent type including many different shades. 25c each; $\$ 2.50$ per doz.

## Galega - Goat's Rue

Officinalis. Dwarf lilac. Showy racemes of peashaped flowers, freely produced in July ant August. 25c each; \$2.50 per doz.
Bicolor Hartlandii. New. Blue and white flowers in great abundance, borne in splendid racemes. 25c each; $\$ 2.50$ per doz.

## Hardy Ornamental Grasses

The ornamental grasses can be used with telling effect in borders, large beds, or by the margin of ponds and lakes. They are often used with small shrubs and medium sized trees in wide borders. The Eulalias, planted singly on lawns where the soil is deep and rich, take care of themselves, and grow rapidly into large specimens. In large round beds, with ornamental grasses as the principal feature, the effect is heightened by the addition of such plants as Cannas or dwarfer flowering plants near the margin. Arundo Donax (Giant Reed). A magnificent v́ariety growing to a height of 15 feet. Splendid foliage and large plumes in late fall. 75c each; $\$ 7.50$ per doz.
Arundo Donax Variegata (Japanese Rush). A variety of the preceding in which the foliage is beautifully marked with white. \$1.00 each; \$: 0.00 per doz.
Eulalia Japonica. Has long, narrow, graceful green foliage, and when in flower the attractive plumes are 6 to 7 feet high. 35c each; \$3.50 per doz.
Eulalia Japonica Variegata. Very ornamental; long, narrow leaves, striped green, white and often pink or yellow. 35 c each; $\$ 3.50$ per doz.
Eulalia Japonica Zebrina (Zebra Grass). The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn; 6 to 7 feet. 35 c each; $\$ 3.50$ per doz.
Gynerium Argenteum (Pampas Grass). One of the most effective. Its silvery plumes are produced on stems 8 to 10 feet high. Well established plants can remain in the open ground it carefully protected. Strong, heavy, pot-grown plants. 50 c each.
Phalaris Arundinacea Variegata (Ribbon Grass) Green leaves, striped lengthwise with creamy white; 12 to 15 inches. 25 c each; $\$ 2.50$ per doz.

## Gypsophila = Baby's Breath

Paniculata. Blooms June, July and August. Forms a symmetrical mass 2 to 3 feet in height and as much through, of minute white flowers, forming a beautiful gauze-like appearance. Gypsophila will thrive in any soil in a sunny position and should be in every garden as it affords an invaluable cut flower. 25c each; $\$ 2.00$ per doz.
Paniculata Flore Plena. Double flowering form. 60c each; $\$ 6.00$ per doz.

## Heliopsis - Orange Sunflower

Pitcheriana. A desirable variety. Flowers deep golden yellow; a perpetual bloomer; fine for cutting. June and July. About 4 feet in height. 25c each; \$2.50 per doz.
Scabra Zinniaeflora. A semi-dlouble flowering variety, growing about 4 feet high, producing golden yellow flowers, resembling a Zinnia in form; desirable for cutting. June and July. 25c each; $\$ 2.50$ per doz.

## Hesperis - Sweet Rocket

Matronalis. A vigorous, hardy, herbaceous perennial plant, forming clumps 2 to 3 feet high, and covered with showy terminal pyramidal spikes of 4-petaled flowers, resembling stocks. Colors, white, lilac, pink and purple. 25c each; \$2.00 per doz.

## Hemerocallis - Yellow Day Lily

A well known and popular species of hardy plants, similar to a sweet scented lily, blooming profusely and with attractive foliage.
Dumortieri. Very dwarf; 18 inches; flowering in June; rich cadmium-yellow; buds and reverse of petals bronze-yellow. 25c each; $\$ 2.50$ per doz.
Flava (Yellow Day Lily). Best known variety; very fragrant; deep lemon-yellow flowers in June and July; height, $21 / 2$ to 3 feet. 25c each; \$2.50 per doz
Fulva (Brown Day Lily). Coppery orange, shaded crimson. 3 feet. 25c each; \$2.50 per doz.
Gold Dust. Of a bright Indian-yellow color; buds and reverse of petals bronzy-gold; $2 \mathbb{Z}$ 2 feet; May and June. 25c each; $\$ 2.50$ per doz.
Kwanso, fi. pl. Large double dark flowers with darker shadings; July and August; 4 to 5 feet. 25c each; \$2.50 per doz.
Thunbergii. Rich butter-cup yellow, funnelshaped flowers throughout July; 4 feet. 30c each; \$3.00 per doz.

## Hibiscus

Extremely large, showy flowers often measuring 8 inches across. Very appropriate for mixed beds or shrubbery borders, blooming all summer. Height, 4 to 5 feet.

New Giant Flowering (Mallow Marvels). Wonderfully improved new varieties, enormous flowers frequently 10 to 12 inches in diameter. Thrive in dry or wet ground. Perfectly hardy. In separate colors, red, pink and white. 35c each; $\$ 350$ per doz. Extra strong 3 -yr.-old clumps, 75c each; \$7.50 per doz.

> BULBS, PLANTS AND SHRUBS ARE FORWARDED EXPRESS, FREIGHT OR PARCEL POST AT PURCHASER'S EXPENSE.


Helionsis Pitcheriana-Orange Sunflower.

## Hollyhocks

No hardy garden is complete without these stately plants. Their colossal spikes of bloom, 6 to 8 feet, produce a bold effect that cannot be secured in any other way when mingled among shrubs, in the background of the hardy border or in specimen clumps. Universal favorites everywhere.
Double. In separate colors. White, rose, yellow and red. 25c each; $\$ 2.50$ per doz; $\$ 18.00$ per 100.

Double Mixed. 25c each; \$2.00 per doz.; \$12.00 per 100.
New Allegheny. Immense semi-double flowers, with fringed edges. Very beautiful. 25c each; $\$ 2.50$ per doz.; $\$ 18.00$ per 100.
Single Mixed. All colors, 25c each; $\$ 2.50$ per doz.; \$18.00 per 100.

## Lupinus = Lupine

Polyphyllus. Strong plants, with long spikes of pea-like flowers. Will succeed in any good garden soil. Height, 3 feet. Blooms in May and June. Blue, 50c each; $\$ 5.00$ per doz. White, 50c each; $\$ 5.00$ per doz.
Moerheimil. Flowers rose and white. 50c each; $\$ 5.00$ per doz.

## Lychnis = Lamp Flower

Chalcedonica (Jerusalem Cross). Heads of vivid scarlet flowers, blooming a long time. One of the brightest plants in the hardy border. 3 feet. June and July. 25c each; \$2.50 per doz.

## Lythrum

Roseum Superbum. A strong growing plant; long spikes of rose colored flowers from June to September. An excellent cut-flower. 3 to 4 feet. 25c each; \$2.50 per doz.
Salicaria. Slightly longer spikes than the above and darker in color. 25c each; $\$ 2.50$ per doz.

## IRIS GERMANICA

## One of Rock's Leading Specialties.

The German Iris are among the most desirable and easiest grown of our spring-flowering hardy plants, producing in May their showy flowers of exquisite coloring, combining the richest and most delicate tints. For best results plant in September or October in a well-drained, sunny position, barely covering the roots but firmly enough to hold the plants in an upright position.
Alcazar. Standards, light bluish violet; falls, deep purple with bronze-veined throat. A very rich and striking flower. 75 c each; $\$ 7.50$ per doz.
Black Prince (Kochii). Standards and falls rich royal purple; one of the very darkest. 35c each; $\$ 3.50$ per doz.
Candelabre. Standards mauve and purple with spotted effect on the inside; falls violet with black and white reins, unique in coloring and fine candelabra-like form. 25c each; \$2.50 per doz.
Caprice. Standards, reddish purple; falls, deeper. self-colored. Handsome. 35c each; $\$ 3.50$ per doz.
Dorothea. An early dwarl flower of exceptional merit. Standards, mauve, deeper in center; falls, soft blue with bronze veins. 35c each; $\$ 3.50$ per doz.
Edward Michell. Standards, rosy mauve; falls, deeper mauve. Flowers unusually large, handsome and distinct in color. \$1.00 each; \$10.00 per doz.

Eldorado. Standards, lavender blue shaded yellow; falls, deep violet shaded bronze. Very distinct. 35c each; $\$ 3.50$ ner doz.
Fairy. A very light lavender, almost white. One of the most showy and satisfactory for general planting. 35c each; $\$ 3.50$ per doz.
Gertrude. Deep violet blue; very fragrant. 30c each; $\$ 3.00$ per doz.
Isoline. Standards, silvery lilac; falls, rosy lavender shaded bronze. Handsome flowers of splendid form. 50c each; $\$ 5.00$ per doz.
Jeanne d'Arc. Standards, clear lilac, ruffled and spreading in manner of Japanese Iris; falls, pure white bordered lilac. An immense flower; very beautiful. 25c each; \$2.50 per doz.
King of Iris. Standards, bronze yellow; falls, deep maroon, edged gold. A combination of exceptionally rich colors and large flowers, making it one of the most beautiful of all. 50c each; $\$ 5.00$ per doz.
La Neige. One of the best pure white Iris. \$1.50, each; $\$ 15.00$ per doz.
Lent A. Williamson. Standards, hroad, soft violet: falls very large, velvety royal purple, brilliant. golden yellow beard. $\$ 5.00$ each.
Loreley. Standards, cream; falls, ultramarine-blı. bordered cream. A most wonderful variety. 35c each; $\$ 3.50$ per doz.
Loute. Standards, light blue and heliotrope: falls, reddish-purple and bronze. A most unusual. striking color of superb size and form. 75c each; $\mathbf{\$ 7 . 5 0}$ per doz.
Marian. Standards, lavender pink: falls, deep soft lavender pink. A very distinct and elegant flower, 35c each; \$3.50 per doz.


Iris Pallida Dalmatica.
Mrs. Darwin. A very fine, pearly white. Freeflowering. 25 c each; $\$ 2.50$ per doz.

Monsignor. Large blossoms borne in greatest profusion on tall spikes. Standards, blush lavender; falls, violet with white penciling at throat. 50c each; $\$ 5.00$ per doz.
Madame Chereau. One of the most popular of all Iris. Delicate white flowers, daintily penciled lavender on the edges. 25c each; \$2.50 per doz.
Pallida Dalmatica. An exquisite shade of laven-der-blue. One of the most beautiful of all Iris. Perfectly hardy, strong grower and very free flowering. 30c each; $\$ 3.00$ per doz.
Parc de Neuilly. A navy blue of reddish tinge, with an ever changing effect. Very free blooming. 60c each; $\$ 6.00$ per doz.
Princess Victoria Louise. Standards, sulphur-yellow; falls, plum color, bordered primrose. Immense in size and a most striking color combination. 35c each; $\$ 3.50$ per doz.
Prosper Laugier. Standards, light bronze; falls, velvety maroon, very dark, with orange beard. A very distinct flower. 35c each; \$3.50 per doz.
Rhein Nixe. Standards, pure white; falls, deep vio-let-blue, edged white. A very pleasing colo: combination. 35c each; $\$ 3.50$ per doz.
Sherwin Wright. Standards and falls pure golden yellow. 50c each; $\$ 5.00$ per doz.
Stormcloud. Standards, slate-blue with bronze shadings; falls, lavender-blue. Very large flowers and very fine. 50c each; $\$ 5.00$ per doz.
Tamerlane. Standards, pale violet; falls, deep purple. A handsome, bold, conspicuous flower, highly recommended. 75c each; $\$ 7.50$ per doz.

## IRIS—Continued

Twilight (Crepuscule). Standards and falls delicate violet purple, devoid of markings. An immense flower blooming very early. 35c each; \$3.50 per doz.
White Knight. A beautiful, absolutely snow-white Iris, without markings of any kind; delicately sweet-scented and a most desirable all purpose rariety. $\$ 1.00$ each; $\$ 10.00$ per doz.
Zephyr. Standards and falls clear violet-blue with a satiny sheen, very beautiful. 35c each; $\$ 3.50$ per doz.

## SIBERIAN IRIS

A most elegant, dainty type of Iris; small delicate flowers borne in the greatest profusion. Excellent for cutting.
Orientalis. Bright Yale blue. 35c each; \$3.50 per doz.
Snow Queen. Pure white. 35c each; $\$ 3.50$ per doz.

## EARLY BLOOMING IRIS

Pumila Cyanea. A dwarf variety of German Iris, growing about 8 inches high and producing fragrant flowers of rich royal purple two weeks earlier than the Germanica. 25c each; \$2.50 per doz.
Iris Kaempferi (Japanese Iris). The last of the wonderful Iris to bloom but by no means last in merit. They are superb in richness of coloring, size, shape and for general garden effects while they are partial to moisture in the soil they withstand hot and dry climates even to a higher degree than the Germanica type. The flowers are rather flat and wide, often measuring 10 inches across. Blooms June and July. Mixed colors. 35c each; $\$ 3.50$ per doz.

## Myosotis = Forget-me-not

Palustris. The true March Forget-Me-Not, with long sprays of deep blue flowers. Does best in damp places. 25c each; $\$ 2.00$ per doz.

## Pachysandra

Terminalis. One of the best ground covering plants, averaging 6 to 8 inches in height and branching freely into a dense mat. Its shapely indented foliage is practically evergreen; thick rubbery, lustrous dark green. It bears small spikes of light colored flowers during June and July. 25 c each; $\$ 2.00$ per doz.; $\$ 15.00$ per 100.


King of Iris. (See page 93.)

## ROCK'S SELECT PEONIES

Peonies, especially the modern introductions, are a most beloved type of perennial plants. Planted in sun or semi-shade, in single clumps or long beds, or bordering lawns, shrub rows, and carriage drives, they give a grand display of large, fragrant blossoms of brilliant colors during May. They are also most effective for home and table decorations and last longer in water than most perennials. Peonies may be planted in the fall or spring. Avoid planting too deeply, as this is often the cause of the shy blooming: 2 or 3 inches of soil over the crown (eyes) is sufficient. D, Divisions, $3-5$ eyes; M, Medium, 5-8 eyes; L, Large Clumps, 8 eyes and up.

Alexander Dumas. Medium size, light violet rose crown. Greamy white collar of narrow petals. Fragrant. Early midseason. Good cut flower variety. D, 75c; M, \$1.00; L, \$1.50.
Andre Lauries. Very large, compact, globular, rose type. Dark Tyrian rose, shading deeper in center, with red reflex and white splashes. Very late. Extra good. D, 60c; M, 85c; L, 1.25.

Ava!anche. Large compact crown. Milk white. creamy-white collar, center tinted lilac, prominent carmine flecks lengthwise of the petals. Strong grower, free bloomer; late. D, 75c; M, \$1.00; L, \$1.25.

Couronne D'Or. White with yellow tints arising from a few stamens showing amidst the petals. Center petals tipped with carmine. Large, rather full flower of superb form. Strong grower and very free bloomer. Good keeper. Late, D, 75c ; M, \$3.00; L, \$1.25.
Delachei. Large, medium compact, rose type. Violet crimson, slightly tipped silver. Strong, erect, medium height, very free bloomer. D, $75 \mathrm{c} ; \mathrm{M}, \$ 1.00$; L, $\$ 1.25$.
Delicatissima. Large rose type, pale lilae rose. Very fragrant. Very strong, tall grower, fine habit, free bloomer. Good keeper. Midseason. D, 75c; M, \$1.00; L, \$1.25.


Peony, Monsieur Jules Elie.
Dcrchester. Large double rose type. Soft hydrangea pink. A free bloomer and very fragrant. D, 75c.
Duchesse de Nemours (Calot). Flowers of this splendid variety are cup-shaped, crown type; sulphur white, with greenish reflex; very fragrant. Strong grower and free bloomer. Follows Festiva Maxima in season. D, 65c; M, \$1.00; L, \$1.50.
Edulis Superba. One of the earliest. Color is a bright clear mauve-pink, with silvery reflex. Flowers of large size and fragrant. D, 65c; M, \$1.00; L, \$1.50.
Eugenie Verdier. Delicate flesh pink, very tal!, free and very beautiful. Midseason. We con scientiously recommend this as one of the best pink Peonies in cultivation. D, \$1.00; M, \$1.50; L, \$2.00.
Felix Crousse. Very brilliant red. Of good size and typical bomb shaped. A strong grower and very fragrant. Midseason. D, 75c.
Festiva. Large, full, rose-shaped bloom, creamy white flecked crimson in the center. Late. D, 50c; M, 85c; L, \$1.00.
Festiva Maxima. Conceded to be the finest of all white Peonies for any purpose. Very vigorous and erect in growth. Flowers clear white daint.ily flecked crimson. Enormous in size. Very early. D, 70c; M, \$1.15; L, \$1.60.
Floral Treasure. Very large, full flower of clear pink shading lighter pink toward the center, very delicate in color, early midseason. D, 75c.
Karl Rosenfield. Very large flower of globular semi-rose type. Vigorous, tall and free-flowering. As an early red it has no equal. D, \$2.50.
La Tulipe. Very large, flat, semi-rose type. Lilac white, outer guard petals striped crimson. Fragrant, tall, strong grower, free bloomer. Late midseason. An excellent variety. $D, 75 \mathrm{c}$.

La Rosiere. Large compact semi-double lyue Outer petals pure white, shading to creamywhite in the center. Midseason. D, 75c.
Madame de Verneville. This is undoubtedly the freest blooming of the white Peonies. The flowers are of bomb type, pure white, suffused with blush. Early. D, 60c; M, \$1.00; L, \$1.50.
Madame Ducel. Large globular light mauve-rose with a silvery reflex. Fragrant, strong grower. medium height and very free bloomer. D, \$1.00
Marie Lemoine. Large, very compact rose type. Pure white with creamy white center, occasionally tipped carmine. Fragrant. Medium height, extra strong stem. Very late. An extra guod commercial variety. D, 60c.
Mikado. A large cup-shaped Japanese Peony. Single row of dark crimson petals, encircling a cushion of golden petaloids, edged crimson. A marvelous novelty and strikingly beautiful. D, \$2.50.
Monsieur Jules Elie. Very large globular double blooms on erect stems. Beautiful silvery pink shading deeper toward the center. A vigorous grower, free bloomer and very fragrant. One of the very best pink varieties. Midseason. D, $\$ 1.00$; M, \$1.50; L, \$2.25.
Monsieur Krelage. Large compact, semi-rose type. Dark solferino red, with silvery tips. Slightly fragrant. Strong upright, free bloomer. Late. D, \$1.00 each.
Monsieur Martin Cahuzac. Globular, semi-rose, very dark purple garnet. Darkest peony grown. Any description fails to convey what a distinct color this has. D, \$4.00 each.
Octavie Demay. Very large, flat crown. Guards and center pale hydrangea pink. Fragrant. Free bloomer. Our first pink to cut. D, \$1.00; M, \$1.75; L, \$2.50.
Officinalis Rubra Plena. The old-fashioned red, the most brilliant of all red peonies. Early and fine for cutting. D, 65c.
Queen Victoria. Creamy white shading to milk white, outer petals tinted blush pink. Flowers large on erect stems, free bloomer, midseason. D, 65 c .
President Taft (New). Very large, flat, compact, semi-rose type. Light shell pink in color, minutely splashed on a white background, center flecked crimson. Midseason. D, \$1.50; M, \$2.00; L, \$2.50.
Therese. Very large; medium compact; rose type; developing later a high crown. Light violetrose, changing to a lilac-white in the center. Strong, erect, medium tall and very free bloomer. Midseason. One of the most desirable varieties. D, \$6.00.
Whitleyi. Early midseason. Milk-white, guards slightly flecked crimson and tinted pale lilac; medium size, loose, globular; fragrant. D, 60c; M, 85c; L, \$1.25.
Double Un-named Peonies. White, red or pink. D, 35c; M, 50c; L, 75c.

## Be Sure to Sign Your Name and Address Plainly



Among hardy perennial plants no class is of more importance than the Phlox, succeeding in almost any soil and position, and flowering through the entire season; and while they will continue in good condition and flower freely for many years without attention, they respond quickly to and are improved hy l'beral cultivation.

Albion. Pure white, with a faint red eye.
Antoine Mercie. Soft rosy lilac.
Bridesmaid. Pure white, with large crimson-carmine eye.
Champs Elysee. Fine, rich crimson.
Crepuscule. White with delicate mauve suffusion and rosy purple eye.
Coquelicot. A fine scarlet with deep red eye.
Eclaireur. Bright carmine with light halo, large flower.
Elizabeth Campbell. Bright salmon pink with lighter shadings and dark crimson eye. One of the best pinks. Stock of this variety is still very scarce, so place your order early. 45c each; $\$ 4.50$ per doz.
Europa. White, large red center, extra size truss. Jeanne d'Arc. A good late flowering pure white.
La Vague. Pure mauve, with red eye.
Mrs. Jenkins. White, immense panicles.
Pantheon. Bright carmine red, very effective
Peach Blossom. Delicate Pink.
Rheinlander. A most beautiful salmon-pink, with flowers and trusses of immense size.
R. P. Struthers. Bright rosy-carmine, with claret red eye.
Rynstroom. Lively rose pink.
Sieboldi. Intense orange-scarlet. Beautiful.
Widar. Light, reddish violet, with a large white center. Except where noted. 25c each; \$2.50 per doz.

EARLY-FLOWERING PHLOX
Miss Lingard. This grand white variety is the best Phlox in cultivation; it grows about 2 feet high, and starts to bloom in May, continuing to flower until late in October. 25c each; $\mathbf{\$ 2 . 5 0}$ per doz.
Divaricata Canadensis. One of our native species, which is worthy of extensive planting, commencing to bloom early in April, and continuing through May, with large, fragrant lavender flowers on stems 10 inches high. 25c each; $\$ 2.50$ per doz.

## PHLOX SUBULATA

## Moss, or Mountain Pink

An early spring-flowering type with pretty moss-like evergreen foliage, which during the flowering season is hidden under the masses of bloom. Excellent plant for the rockery.
Alba. Pure white.
Lilacina. Light Lilac.
Rosea. Bright rose. 25c each; $\$ 2.50$ per doz.

## Physalis - Chinese Lantern Plant

Franchetii. A very decorative plant about $11 / 2$ to 2 feet high, bearing many brilliant orange-scarlet seed vessels or "Lanterns", valuable for winter decorations. $25 c$ each; $\$ 2.50$ per doz.
Physostegia - False Dragonhead
Virginica. Forms large clumps 3 to 4 feet high, bearing long spikes of delicate pink flowers, tubular in form. July and August. 25c each; $\$ 2.50$ per doz.
Virginica alba. Pure white. 25c each; $\$ 2.50$ per doz.

## Large Oriental Poppies <br> Papaver Orientale

Among the most welcome flowers that glorify the early spring and summer are the big, glowing. nodding Poppies. Although their blooming season is short, their foliage is attractive nearly all summer.
Mrs. Perry. Salmon-rose. 35c each; $\$ 3.50$ per doz.
Oriflamme. A large, gorgeous orange-scarlet. 35c each; $\$ 3.50$ per doz.
Perry's White. Very distinct, pure satiny-white, with a crimson-maroon blotch at the base of each petal. 35 c each; $\$ 3.50$ per doz.
Gerald Perry. Apricot-pink, conspicuously blotched crimson. 50c each; $\$ 5.00$ per doz.
Goliath. Fiery scarlet, with deep blotch at the base of each petal. 35 c each; $\$ 3.50$ per doz.
Orientale Hybrids. A select strain of mixed colors. 25c each; \$2.50 per doz.

## Platycodon

Balloon Flower, or Japanese Bellflower Grandifiorum. Magnificent spikes of cup-shaperl flowers of long duration. White or blue. 25c each; \$2.50 per doz.

## Pyrethrum

Large daisy-like flowers in brilliant colors, blooms all summer, excellent for cutting. Mixed colors, 30c each; \$3.00 per doz.

## Rudbeckia - Coneflower

Newmannil. The perennial form of the "Blackeyed Susan". Deep orange yellow flowers, with a dark yellow cone; long wiry stems 3 feet high; blooms all summer. 25c each; $\$ 2.50$ per doz.
Purpurea (Giant Purple Coneflower). Peculiar reddish purple flowers, with a large, brown cone-shaped center. Blooms from July to October. 3 feet. 25c each; \$2.50 per doz.

## Salvia - Meadow Sage

Azurea. A rocky Mountain species. 3 to 4 feet high producing during August and September pretty sky blue flowers in the greatest profusion. 25c each; $\$ 2.50$ per doz.

## Saponaria

Caucasica. A hardy perennial sort with white flowers, produced in July and August. 2 feet. 25c each; \$2.00 per doz.

## Sedum

Spectabile Brilliant. A new variety having flowers of a bright shade of deep crimson. 25c each; $\$ 2.50$ per doz.

## Spirea

## Meadow Sweet, or Goat's Beard

Filipendula, fl. pl. Numerous corymbs of doublo white flowers on stems 15 inches high during June and July, and pretty fern-like foliage. 35c each; $\$ 3.50$ per doz.

## Statice - Great Sea Lavender

Latifolia. Large spreading panicles of graceful, deep blue flowers, much prized for dried winter decorations. 30c each; \$3.00 per doz.

## Sweet William - Dianthus Barbatus

Mixed. A well known, attractive, free flowering hardy perennial, producing in early summer a splendid effect in beds and borders. Containing all colors. 25c each; $\$ 2.00$ per doz.

## Tritoma - Red Hot Poker, Flame Flower, or Torch Lily

Pfitzeri (The Everblooming Flame Flower). Exceedingly handsome and showy border plants which are becoming more noticeably popular each year. The stately flowers are borne in compact form on stout 3-foot stems and having the appearance at a distance of a red-hot poker. Blooming from August to the heavy frosts of winter., Our block of 4 acres of these superb flowers created much admiration to visitors at our gardens this past season. Rock's stock is absolutely true, used by florists throughout the U. S. Extra strong plants, 50 c each; $\$ 5.00$ per doz.
Uvaria Grandifiora. A large and tall blooming sort of more reddish color. An excellent type valuable for a background of Pfitzeri. 35c each; $\$ 3.50$ per doz.


## Thalictrum - Meadow Rue

One of the most satisfactory plants for partial shade producing dainty flowers which are excellent for cutting. Give slight covering during the winter. Dipterocarpum. A beautiful new variety, with delicate lilac-mauve flowers, with yellow stamens and anthers, produced in graceful panicles in August and September. 4 feet. 40c each; $\$ 4.00$ per dozen.

## Tunica

Saxifraga. A pretty tufted plant with light pink flowers; produced all summer; excellent for the rockery or the border. 25c each; $\$ 2.50$ per doz.

## Valeriana - Garden Heliotrope

Large panicles of delightful flowers, upright in form and produced abundantly from June to September. Excellent for both cutting and border effects. Height, 2 feet.
Coccinea. Showy heads of reddish flowers. 25c each; $\$ 2.50$ per doz.
Coccinea' alba. A white flowered form. 25c each; $\$ 2.50$ per doz.

## Veronica - Speedwell

Longifolia Subsessilis
(Japanese Speedwell). Handsome, bright blue flowers on long spikes the entire summer and fall. 2 feet. 30c each; $\$ 3.00$ per doz.
Spicata. Spikes of bright blue flowers, while smaller than the Longifolia are produced more abundantly. 2 feet. July and August. 25c each; $\$ 2.00$ per doz.

## Yucca $=$ Adam's Needle

Filamentosa. Among hardy ornamental foliage and flowering plants this can be classed at the head of the list. Its broad, sword-like foliage and 5 foot, branched spikes of large fragrant, drooping, creamy-white flowers during June and July make it an effective plant for all positions. 30 c each; \$2.50 per doz.


Berberis Thunbergii.

## ORNAMENTAL AND FLOWERING SHRUBS

It is surprising what a difference can be made in the appearance and comfort of the home grounds by a judicious planting of trees, shrubs and plants. Cleaning up the home grounds and planting a few shade trees, with clumps of shrubs to give fragrance, bloom and bright colored foliage, with borders of hardy perennials that will furnish a wealth of bloom almost the entire season, is a continual source of pleasure to yourself as well as a delight to your neighbors and friends,

To assist our patrons in making a judicious planting we offer the services of our landscape department and will be pleased indeed to offer suggestions at any time that will be of benefit to you in beautifying your home grounds.

Where personal selection of any stock is made by customers at our Nursery we always charge according to its value.

## Almond

Double White. Height, 5 feet. The double, roselike, white flowers entirely cover the branches in early spring. Both this and the following variety are excellent for planting in clumps of shrubbery and among border plantings of evergreens. 2 to 3 feet, 75c each; 3 to 4 feet, $\$ 1.00$ each.
Double Pink. Height, 5 feet. In all respects similar to the preceding variety, except that the flowers are rose-colored. 2 to 3 feet, 75c each; 3 to 4 feet, $\$ 1.00$ each.

## Althea - Rose of Sharon

An attractive hardy shrub with handsome flowers from August to October. Decidedly welcome at this time as so few other shrubs are in bloom. Excellent for specimen planting.
Tree Form. Grows to a height of 8 to 10 feet in the following colors. Double white, double pink, double red, double purple and double lavender. 4 to 5 feet, $\$ 1.00$ each; $\$ 10.00$ per doz. Extra large specimen plants, $\$ 1.25$ each; $\$ 12.50$ per doz.
Bush Form. Height, 8 feet. Double white, double pink, double red and double purple. 2 to $3 \mathrm{ft} ., 50 \mathrm{c}$ each; $\$ 5.00$ per doz. 3 to 4 feet, 60 c each; $\$ 6.00$ per doz. 4 to 5 feet, 75c each; $\$ 7.50$ per doz.

## Aronia = Chokeberry

Height, 8 to 10 feet. A tall growing shrub with clusters of small white flowers followed in August by bright red berries that remain until winter. Bright crimson foliage in fall. 3 to 4 feet, 75 c each; $\$ 7.50$ per doz.


Althea-Tree Form.

## Aralia

Pentaphylla. 5 to 6 feet. A Japanese bush, with arching branches, crowned with bright green, shining foliage, which is its principal merit. 2 to 3 feet, 60 c each; $\mathbf{\$ 6 . 0 0}$ per doz.
Spinosa (Hercules' Club). Height, 10 to 12 ft . In shrubbery plantings often the most vigorous and conspicuous plant, with luxuriant, tropical foliage, 2 feet long. It is crowned by a wide cluster of small white flowers and black berries. 2 to 3 feet, 60c each; $\$ 6.00$ per doz. 3 to 4 feet, 75c each; $\$ 7.50$ per doz.

## Berberis - Barberry

Thunbergii (Japanese Barberry). A beautiful shrub at all seasons. Small foliage, coloring beautifully in autumn, and brilliant scarlet berries, remaining all winter. One of the most valuable hedge plants. 2-yr., 12 to 18 inch, 30c each; $\$ 3.00$ per doz.; $\$ 20.00$ per 100. $3-y r ., 18$ to 24 inch, 50c each; $\$ 5.00$ per doz.; $\$ 35.00$ per 100.

Box Barberry. This new dwarf type of Barberry comes to fill a long-felt need for an edging plant that is dwarf in growth, free from all diseases and insect pests and perfectly hardy any place in the U. S. They make shapely upright bushes that may be kept 6 inches high by trimming. Unexcelled for bordering flower beds, shrubbery borders, etc. Strong, 1-yr. plants, $\$ 2.25$ per doz.; $\$ 12.50$ per 100.

## Buddleia - Butterfly Bush

One of the most popular of recently introduced plants, producing elegantly scented flowers the entire summer; excellent for cutting.
Magnifica (or Summer Lilac). Height, 6 to 7 feet. Immense lavender spikes larger than any other variety. Strong, 2-yr. plants, 60c each; \$6.00 per doz. 3-yr. specimens, 75c each; $\$ 7.50$ per doz.
Veitchii (or Summer Lilac). Height, 4 to 5 feet. Slightly darker in color than the Magnifica and growing more compact. Deliciously fragrant. Strong, 2-yr. plants, 75c each; \$7.50 per doz.

## Calycanthus

Floridus. Height, 6 feet. The old-fashioned Sweet Shrub. Very unique, strawberry scented, chocolate-colored flowers. 2 to 3 ft ., 60c each; $\$ 6.00$ per doz.

## Caragana - Pea Tree

Arberescens. Height, 10 to 12 feet. A vigorous shrub with bright green foliage and numerous clusters of bright yellow flowers. Excellent for the shrubbery border. 2 to $\mathbf{3}$ feet, 50c each; \$5 00 per doz.

## Cephalanthus - Button Bush

Occidentalis. Height, 4 to 6 feet. Globular white flowers borne in July, pleasingly fragrant. Thrives best in moist loam and is especially valuable for planting about ponds. 2 to 3 feet, 60 c each; $\$ 6.00$ per doz.

## Clethra - Pepper Bush

Alnifolia. (Sweet Pepperbush). 4 to 5 feet. Dark green, lustrous leaves which turn to yellow tones in the fall. The fragrant, creamy white flowers are borne on erect racemes. It appears at its best in Septemper when ti is practically covered with the long, showy wands of white flowers. 2 to 3 feet, extra bushy plants, 75c each; \$7.50 per doz.


Cornus Sibirica-Siberian Ked Dogwood.


Buddleia Magnifica-Summer Lilac.

## Corchorus - Globe Flower

Japonicus. A native of Japan, growing from 3 to 5 feet tall with bright green foliage and bark which shade to yellow in the fall. Numerous flowers of a beautiful yellow are borne the early part of May. A charming old-fashioned plant. $11 / 2$ to 2 feet, 50 c each; $\$ 5.00$ per doz.
Japcnicus Argentea Var. Height, 4 feet. A pretty dwarf variety with small green foliage edged white. A very valuable dwarf shrub. 1 to $11 / 2$ feet, 60c each; $\$ 6.00$ per doz.
Japonicus Flore Plena. Height, 3 to 5 feet. The double flowered type, the most beautiful of all. Uf spreading habit bearing double yellow flowers early in May. An excellent shrub for mass plantings. $11 / 2$ to 2 feet, 50 c each; $\$ 5.00$ per doz.

## Cornus - Dogwood

Sibirica (Red Twigged). Clusters of beautiful white flowers, succeeded in the fall by ornamental berries; plants grow 6 to 10 feet high. Stems and branches turning blood red in winter. 2 to 3 feet, 50 c each; $\$ 5.00$ per doz. 3 to 4 feet, 60c each; $\$ 6.00$ per doz.
Stclenifera Aurea (Gulden Twigged Osier). A distinct and attractive type with golden yellow bark. Exceedingly effective if planted in masses with the red bark varieties. Perfectly hardy and extra bushy. 2 to 3 feet, 50c each; $\$ 5.00$ per doz. 3 to 4 feet, 75 c each; $\$ 7.50$ per doz.
Paniculata. (Panicled Dogwood). Height, 10 to 12 feet. This bush is distinctive because of the gray coloring of the stems. The white flowers are small, and borne profusely in great panicles early in spring. It grows quite compact, and is covered with white berries in fall which persist for a long time. 2 to 3 feet, 50c each; $\$ 5.00$ per doz.


## Cotoneaster

Acutifolia. Height, 6 feet. A dense-growing shrub with dark green, glossy, oval leaves. One of the best hedge plants for the middle west. Perfectly hardy and resembles Privet. 2 to 3 feet, 50c each; $\$ 5.00$ per doz.

## Cydonia - Japanese Quince

Japonica. Height, 6 feet. Invaluable for border or single specimen planting, one of the most brilliant flowering shrubs; producing bright scarlet flowers very early in the spring. $11 / 2$ to 2 feet, 50 c each; $\$ 5.00$ per doz; 2 to 3 feet, 75c each; \$7.50 per doz.

## Deutzia

The showy flowers and ease of culture make the Deutzia extremely popular for the shrub border. It will grow in almost any well-drained soil. Used extensively in combination with Philadelphus, Spirea, and Forsythia for mass planting.
Gracilis. A neat, dense little bush, rarely over 2 feet high, that blooms in May, wreathing its drooping branches with pure white flowers. Equally valuable for shrubberies and forcing. 1 ft. extra bushy, 60c each; $\$ 6.00$ per doz.

Pride of Rochester. Grows 6 to 8 feet tall. A showy, early, and large-flowering sort that blooms in May before the others. The white flowers àre large and double; the backs of petals being tinted with rose. Excellent as a specimen, and equally good for mass planting. 2 to 3 feet, 40 c each; $\$ 4.00$ per doz. 3 to 4 feet, 60 c each: $\$ 6.00$ per doz.

## Desmodium

Penduliflorum. Height, 4 feet. Exceedingly effective when planted in masses in the shrubbery border, and especially valuable. It produces flowers at a time when very few other shrubs are in bloom. Covered with clusters of rose and purple pea-shaped blooms from August to October. It dies to the ground each season. 2yr., 60c each; $\$ 6.00$ per doz.

## Eleagnus = Russian Olive

Angustifolia. Height, 20 feet. A large shrub with silvery branches, light green foliage above and silvery white beneath. Producing flowers, yellow within an outer shell of silvery white. Very fragrant. 3 to 4 feet, 50c each; $\$ 5.00$ per doz. 4 to 5 feet, 60 c each; $\$ 6.00$ per doz. 5 to 6 feet, 75 e each; $\$ 7.50$ per doz.

## Euonymus - Strawberry Tree

Hardy, mostly upright-growing shrubs that are in demand because of the showy fruits that come with autumn as well as for the brilliant autumnal coloring of the foliage. The flowers in May and June are rather inconspicuous. Thrives in any soil.
Europæus. Height, 10 to 12 feet. Erect, tallgrowing shrub; fruits lobed, rose-pink, the seeds invested with orange-colored arils. 3 to 4 feet, 75c each; $\$ 7.50$ per doz.

## Forsythia = Golden Bell

The masses of bright flowers coming into bloom the first warm days of spring are one of the most striking features of the landscape.
Fortunei. (Fortune's Golden-Bell). Height, 10 feet. Vigorous, upright-growing shrub, with arching branches; flowers golden yellow, with twisted petals. 2 to 3 feet, 50c each; $\$ 5.00$ per doz. 3 to 4 feet, 60 c each; $\$ 6.00$ per doz.
Intermedia (Hybrid Golden-Bell). Height, 8 feet. Tall shrub, with slender, arching branches; leaves dark green and glossy; a great profusion of golden yellow flowers. 2 to 3 feet, 50c each; $\$ 5.00$ per doz. 3 to 4 feet, 60 c each; $\$ 6.00$ per doz.
Suspensa (Weeping Golden-Bell). Height, 8 feet. Medium-sized shrub, with long, slender, drooping branches; flowers in great profusion, golden yellow, very showy. 2 to 3 feet, 50 c each; $\$ 5.00$ per doz.


Forsythia-Golden Bell.

## Hydrangea

Highly ornamental shrubs that are generous with their large panicles of showy flowers. Well adapted for borders or shrubberies and unexcelled for foundation plantings. A partially shaded and moist location is best suited for Hydrangeas.
Arborescens Grandifiora (Snowball Hydrangea). Height, 4 to 5 feet. Medium sized, with bright green foliage and creamy white flowers in flattopped clusters in early summer. 2-yr. plants, 75c each; $\$ 7.50$ per doz.

Paniculata Grandifiora. 6 to 7 feet. The best known and probably the most popular shrub in cultivation. Immense panicles of snow white flowers in August, turning to rose-color in the autumn. 2-yr. plants, 75c each; $\$ 7.50$ per doz.
Paniculata Grandifiora (Tree Form). Height, 8 to 10 feet. Same as the former but grown in tree form. Most valuable for specimen planting because of its height and form of growth. 2 feet, clear stem, $\$ 1.25$ each; $\$ 12.50$ per doz. 3 feet, clear stem, $\$ 1.50$ each; $\$ 15.00$ per doz.

## Ligustrum - Privet

Hardy, vigorous shrubs commonly used for hedges and screens but having merit for planting with other shrubbery by reason of the beauty of the flowers (appearing in June and July) and their succeeding berries. They thrive in almost any fertile soil and stand clipping admirably.
Amurense, North (Amoor Privet). Height, 7 feet. Exceedingly hardy, with dark green leaves somewhat smaller than the well known California type, but of a more branching habit. Excellent for formal hedges. $11 / 2$ to 2 feet, 30 c each; $\$ 2.75$ per doz.; $\$ 18.00$ per 100. 2 to 3 feet, 35c each; $\$ 3.50$ per doz.; $\$ 22.50$ per 100. 3 to 4 feet, 40 c each; $\$ 4.00$ per doz.; $\$ 30.00$ per 100. 4 to 5 feet, 50 c each; $\$ 5.00$ per doz.; $\$ 35.00$ per 100.


Amoor River Privet, North.


Hydrangea Paniculata Grandiflora-Tree Form.
Amurense, South (Amoor Privet). Height, 8 feet. The most popular and valuable hedge for the South. Very compact and well adapted for general planting. 2 to 3 feet, 30c each; $\$ 2.50$ per doz.; $\$ 18.00$ per 100.4 to 5 feet, 40 c each; $\$ 4.00$ per doz.; $\$ 25.00$ per 100.

Ibota. Height, 6 feet. A valuable hardy Privet for the western states. Splendid for either hedges or single specimens. Leaves long and shiny and of grayish green color. $11 / 2$ to 2 feet, 30 c ; $\$ 2.50$ per doz.; $\$ 18.00$ per 100.2 to 3 feet, 35c each; $\$ 3.00$ per doz.; $\$ 22.00$ per 100.

Ball Shaped lbota. Trimmed into ball shaped plants resembling very much the ball type Boxwood. Excellent for vases, urns or specimens on the lawn. Perfectly hardy.
Sizes Each Doz.
$10 \times 15$ wide, balled and burlapped.. $\$ 1.25 \quad \$ 12.50$
$12 \times 12$ wide, balled and burlapped.. $1.50 \quad 15.00$
$18 \times 18$ wide, balled and burlapped.. 2.0020 .00
$20 \times 24$ wide, balled and burlapped.. $2.50 \quad 25.00$
Regelianum (Regel's Privet). Height, 5 feet. Branches dense and gracefully drooping, giving a distinctly attractive appearance. In autumn the foliage turns dark red. The plants are strong growers and are useful for hedge planting. $11 / 2$ to 2 feet, $25 c$ each; $\$ 2.50$ per doz.
Ovalifolium (California Privet). Height, 6 feet. A well known and popular species of unusual beauty. For hedges, groups and specimens it is invaluable. $11 / 2$ to 2 feet, 20 c each; $\$ 2.00$ per doz.; \$12.00 per 100; 2 to 3 feet, 25 c each; $\$ 2.50$ per doz.; $\$ 15.00$ per 100. 3 to 4 feet, 30c each; \$3.00 per doz.; \$20.00 per 100.


Lilac Marie Le Graye.

## Lilac - True Syringa

Lilacs are decidedly most effective when planted in groups. They produce an abundance of showy flowers in spring and early summer. During ine last few years many new varieties have been introduced, including new types and colors.
Persian Purple. Height, 8 to 10 feet. Small glossy leaves that do not mildew. Sweet scented flowers. 2 to 3 feet, 60c each; \$6.00 per doz. 3 to 4 feet, $\$ 1.00$ each; \$10.00 per doz.
Vulgaris Purple (Common Lilac). Height, 10 to 12 feet. Bluish-purple flowers. A standard variety. Always good. 2 to $\mathbf{3}$ feet, 50 c each; $\$ 5.00$ per doz. 3 to 4 feet, 75 c each; $\$ 7.50$ per doz.

## Named French Lilacs

Rock's selection of the most popular and satisfactory types. 8 to 10 feet in height.

Alphense Lavalle. A variety bearing beautiful double flowers of a rare blue color. (Own roots.) 2 to 3 feet, $\$ 1.00$ each.
Charles X. Strong, rapid growing, with large shining leaves; trusses large, of a reddish purple color. 2 feet, 75 c each.

Mad. Lemoine. Double pure white flowers, borne in large clusters. Strong bushes. (Own roots.) 2 to 3 feet, $\$ 1.00$ each.
Marie LeGraye. Large panicles of white flowers. Valuable for forcing. The finest white Lilac. (Own roots). 2 to 3 feet, $\$ 1.00$ each.
Michael Buchner. Dwarf plant, vigorous. Double flowers of pale Lilac color. (Own roots.) 2 to 3 feet, $\$ 1.00$ each.
President Grevy. Flowers double, large handsome blue trusses. 2 feet, each 75c.
Souvenir de Louis Spaeth. A distinct and most beautiful variety having immence trusses of deep purplish-red flowers. 2 feet, 75c each.

## Lonicera - Bush Honeysuckle

Wonderfully fragrant flowers bedeck the Honeysuckles in early spring, and a planting of them near the living-porch gives added pleasure to the gathering there of the family group on warm spring evenings, for the fragrance of the flowers is subtly delicious and wholly enjoyable.
Bella albida (Bella Honeysuckle). Height, 8 feet. A handsome hybrid of strong growth. White flowers are borne in great clusters, followed by attractive ropes of red berries which remain all summer. 2 to 3 feet, 50c each; $\$ 5.00$ per doz.
Fragrantissima (Early Fragrant Honeysuckle). Height, 12 feet. Medium-sized, with many spreading branches; leaves bright green, longpersistent, rarely falling before mid-winter; flowers creamy white or light yellow, scenting the air with their exquisite fragrance in May and June. 3 to 4 feet, 60c each; $\$ 6.00$ per doz.
Morrowii (Japanese Bush Honeysuckle). Height 6 feet. A strong, vigorous growing type of spreading habit. Producing pure white flowers in May and June followed by brilliant red berries. ? to 3 feet, 50 c each; $\$ 5.00$ per doz.
Ruprechtiana (Manchurian Honeysuckle). Height, 10 feet. A very showy variety, flowers pure white, changing to yellow. Followed by red berries. Grows 8 to 10 feet tall. 3 to 4 feet, 60c each; $\$ 6.00$ per doz.
Tatarica alba. Height, 8 feet. Very large, pure white flowers of beautiful upright habit. 2 to 3 feet, 40 c each; $\$ 4.00$ per doz. 3 to 4 feet, 60c each; $\$ 6.00$ per doz.
Tatarica rosea. Height, 8 feet. Very beautiful, large bright red flowers striped with white in June. 2 to 3 feet, $40 c$ each; $\$ 4.00$ per doz. 3 to 4 feet, 60 c each; $\$ 6.00$ per doz.


Lonicera Morrowi-Bush Honeysuckle.

## Philadelphus <br> Syringa or Mock Orange

A showy famliy of shrubs that adds beauty, grace, and perfume to our gardens. The flowers appear in late May or June. If the plant needs pruning, do it after blooming-time, as the flowers appear on wood formed the previous year.
Coronarius (Garland Syringa). One of the earliest to bloom. Growing from 10 to 12 feet tall, bearing large white flowers which are delightfully scented. 2 to 3 feet, 40c each; $\$ 4.00$ per doz. 3 to 4 feet, 60 c each; $\$ 6.00$ per doz. 4 to 5 feet. 75c each; $\$ 7.50$ per doz.
Grandiflorus (Large Flowered Syringa). Height, 10 to 12 feet. One of the most popular shrubs grown. Flowers pure white and very large. Blooms in June. 2 to 3 feet, 40c each; \$4.00 per doz. 3 to 4 feet, 60c each; $\$ 6.00$ per doz. 4 to 5 feet, 75 c each; $\$ 7.50$ per doz.

## Potentilla = Cinquefoil

Fruticosa. Height, 2 to 3 feet. Blooms all summer and being of a divarf habit, it is a suitable shrub for outside border plantings. Flowers are bright yellow. 1 ft., bushy plants, 50c each; $\$ 5.00$ per doz.

## Prunus

Triloba (Double-flowered Plum). Height, . 8 feet. A very desirable, vigorous shrub, producing very early in the spring delicate pink double flowers, thickly set on long slender branches. 2 to 3 feet, $\$ 1.00$ each; $\$ 10.00$ per doz.
Pissardii (Purple-leaved Plum). Height, 15 feet. 'rall-growing, upright, with purple leaves and dark wine-red fruit; flowers pinkish white. 2 to 3 feet, 60c each; $\$ 6.00$ per doz.

## Rhamnus - Buckthorn

Handsome, hardy, vigorous shrubs, with large, bright green leaves and showy berries. Sometimes used for hedges. Moist, loamy soil and partial shade are prescribed for best growth.
Cathartica (Common Buckthorn). Height, 15 feet. Tall, robust, with spiny branches, glossy foliage, and a great profusion of black berries. 2 to 3 feet, 40c each; $\$ 4.00$ per doz.

## Rhodotypos = White Kerria

Kerrioides. Height, 8 feet. A very ornamental Japanese shrub with handsome foliage and large single white flowers in the latter part of May, succeeded by numerous black berries. 2 to 3 feet. 60c each; $\$ 6.00$ per doz.

## Rhus - Sumac

Very attractive shrubs and small trees make up this family-a family that is highly prized in landscape work on account of the brilliant autumnnal colors of its foliage. The showy clusters of berries likewise add to its value in the shrubbery planting. Any soil that is well drained is suitable for the Sumacs.
Aromatica (Fragrant Sumac.) Height, 8 feet. Med-dium-sized spreading shrub with pretty lobed leaves; flowers yellow, in small clusters, in May and June, followed by bright red fruit. 2 to 3 feet, 50c each; $\$ 5.00$ per doz.
Cotinus (Smoke Tree). Height, 12 feet. Large shrub, with bright pea-green leaves and odd, delicate, feathery flower-clusters in July and August. 2 to 3 feet, 60 c each; $\mathbf{\$ 6 . 0 0}$ per doz.


Philadelphus-Mock Orange.

Glabra (Smooth Sumac). Height, 15 to 20 feet. Flowers are borne in large panicles at ends of the branches, and are followed by the crimson clusters of fruits which last all winter. Excellent for mass plantings. 2 to 3 feet, 40c each; $\$ 4.00$ per doz.

Glabra laciniata (Dwarf Cut-leaved Sumac). 4 to 5 feet high. Low growth and fern-like foliage make this variety distinctive. Foliage is brilliantly colored in the fall months. 2 to 3 feet, 50c each; $\$ 5.00$ per doz.

Typhina (Tall Cut-leaved Sumac). Height 20 feet. Tall, showy shrub that grows in the driest soils and is gorgeous in its autumnal garb of richly colored foliage and crimson fruit-clusters. 3 to 4 feet, 40c each; \$4.00 pr doz.

Typhina laciniata. Height, 12 to 15 feet. A variety of the preceding with fern-like leaves and hairy stems; magnificent leaf-coloring in autumn of brilliant scarlet, crimson, and purple. 3 to 4 feet, 50 c each; $\$ 5.00$ per doz. 4 to 5 feet, 60 c each; $\$ 6.00$ per doz.

## Ribes = Flowering Currant

Aureum (Yellow Flowering). Height, 10 feet. A native shrub with glabrous shining leaves and yellow, sweet scented flowers in June. 2 to 3 feet, 50c each; $\$ 5.00$ per doz.

## Robinia = Flowering Locust

Hispida (Rose Acacia; Pink Locust). This shrub grows naturally from Virginia to Georgia in the mountains. It is of dwarf growth, generally not more than 6 feet tall. The younger limbs are generally covered with light bristles all the year. Showy rose-colored flowers appear in late spring or early summer. This shrub will be successful in amost any soil that is well drained. 2 to 3 feet, 60c each; $\$ 6.00$ per doz. 3 to 4 feet, 75c each; $\$ 7.50$ per doz.


Spirea Van Houttei.

## Salix - Willow

Discolor (Pussy Willow). Height, 20 to 30 feet. A small tree or bush with upright branches. Catkins appearing in early spring before the leaves appear. Very handsome in flower. 3 to 4 feet, 40c each; $\$ 4.00$ per doz. 4 to 5 feet, 60 c each; $\$ 6.00$ per doz.; 5 to 6 feet, 75c each; $\$ 7.50$ per doz.

## Sambucus - Elder

Familiar vigorous, hardy shrubs that are a dominant note in the planting of which they are a part. The pleasing foliage, of various shades of green, forms a fitting background for the large, flat-topped clusters of flowers and the succeeding showy berries.
Nigra Aurea (Golden leaved). Height, 8 to 10 feet. Very desirable for its golden foliage. Effective when planted in shrub beds. 2 to 3 feet, 50c each; $\$ 5.00$ per doz. 3 to 4 feet, 75c each; $\$ 7.50$ per doz.
Nigra laciniata (Cut-leaved Elder). Height, 8 to 10 feet. The leaves of this variety are fern-like in formation, and the shrub is of half-drooping habit. One of the finest in cultivation, being especially effective in masses. 2 to $\mathbf{3}$ feet, 50c each; $\$ 5.00$ per doz.
Racemosa. 8 to 10 feet. Beautifully cut and drooping leaves give this a graceful aspect; the racemes of white flowers are followed by showy red fruit. 2 to 3 feet, 50c each; $\$ 5.00$ per doz.

## Symphoricarpos

Racemosus (Snowberry). A graceful shrub, 4 to 5 feet tall, with slender branches. Flowers white or pinkish, in loose racemes in summer. 2 to 3 feet, 50c each; $\$ 5.00$ per doz.
Vulgaris (Coral-Berry or Indian Currant). Height, 4 to 5 feet. A grand shrub producing a wealth of red or purplish berries which remain on the branches all winter. Leaves ovate, bright green. 2 to 3 feet, 50c each; $\$ 5.00$ per doz.

## Spirea

Showy, free-flowering shrubs that offer a wide range of choice as to form and color as well as of blooming-time. Hardy and of easy culture, preferring sunny exposures and moist, fertile soils.

Anthony Waterer. Height, 2 to $21 / 2$ feet. Perpetual blooming Red Spirea. Dwarf, bushy, spreading in habit with large corymbs brilliantly colored in rosy crimson. Sufficiently dwarf to be used in foundation plantings. 12 Inches, extra bushy, 50c each; $\$ 5.00$ per doz. $11 / 2$ feet, 75 c each; $\$ 7.50$ per doz.

Arguta Multiflora (Snow Garland). Height, 4 to 5 feet. A slender upright shrub bearing branches covered with masses of snow white flowers in early May. 2 to 3 feet, 50c each; $\$ 5.00$ per doz.
Billiardii. Height, 7 to 8 feet. An excellent subject for planting in masses, and makes a good cut flower. Blooms profusely from July to October. Dense panicles of rich pink flowers. 2 to 3 feet, 50 c each; $\$ 5.00$ per doz.

Billiardil alba. Height, 7 to 8 feet. Similar to above except color of flowers being pure white. 2 to 3 feet, 50c each; $\$ 5.00$ per doz. 3 to 4 feet, 75 c each; $\$ 7.50$ per doz.
Callosa Rubra. Height, 3 to 4 feet. Dwarf; bluish green leaves; purple at first; deep rosy flowers in abundance from June to October. 1 ft . bushy plants, 40c each; $\$ 4.00$ per doz.

Callosa Alba (White Spirea). Height, 3 feet. A form of the above with pretty white flowers that are in bloom the greater part of the summer. $11 / 2$ to 2 feet, extra bushy, 75c each; $\$ 7.50$ per doz.
Opulifolia (Nine Bark). A tall shrub with spreading branches growing 8 to 10 feet high. Flowers whitish in early summer, disposed in numerous clusters. Especially valuable for shady places. 2 to 3 feet, 40c each; $\$ 4.00$ per doz. 3 to 4 feet, 60c each; $\$ 6.00$ per doz. 4 to 5 feet, 75c each; $\$ 7.50$ per doz.
Opulifolia aurea (Golden-leaved Nine Bark). Golden yellow-tinted foliage, and white flowers in June. Very conspicuous; holds its color all summer. 3 to 4 feet, 60c each; $\$ 6.00$ per doz. 4 to 5 feet, 75 c each; $\$ 7.50$ per doz.

Sorbifolia. Height, 6 feet. Long, showy panicles of white flowers. A fine Spirea. 2 to 3 feet, 50c each; $\$ 5.00$ per doz. 3 to 4 feet, 60c each; $\$ 6.00$ per doz.

Thunbergii. Height, 4 feet. Dwarf, with numerous slender, gracefully arching branches that are almost hidden by the mantle of white flowers in May. 2 to 3 feet, extra bushy plants, 60c each; $\$ 6.00$ per doz.
Van Houttei (Bridal Wreath). 5 to 6 feet. This is without doubt the most beautiful and useful of all shrubs. Always effective if planted singly or in groups on the lawn, in front of the porch, in shrub borders or in a hedge. Handsome throughout the entire year. Our stock is in splendid condition. $11 / 2$ to 2 feet, 35 c each; $\$ 3.50$ per doz. 2 to 3 feet, 50 c each; $\$ 5.00$ per doz. 3 to 4 feet, 75 c each; $\$ 7.50$ per doz. 4 to 5 feet, specimen plants, $\$ 1.00$ each; $\$ 10.00$ per doz.

## Tamarix - Tamarisk

Relatively hardy shrubs that are exceedingly attractive with their feathery foliage and large panicles of showy flowers. A loamy or sandy soil, somewhat moist, is best adapted for their culture.
Amurense. Height, 12 to 15 feet. A very ornamental upright growing shrub, especially valuable for tall borders. Light feathery foliage and producing delicate silky pink tassels throughout the summer. 2 to 3 feet, 50c each; $\$ 5.00$ per doz. 3 to 4 feet, 60c each; $\$ 6.00$ per doz. 4 to 5 feet, 75 c each; $\$ 7.50$ per doz.
Hispida Aestivalis. Height, 8 to 10 feet. A new variety of vigorous growth. In May the branches are covered with numerous bright carmine pink flowers. 2 to 3 feet, 60c each; $\$ 6.00$ per doz. 3 to 4 feet, 75c each; $\$ 7.50$ per doz.

## Viburnum - Snowball

A showy group of shrubs ranging from 6 to 12 feet in height, blooming lavishly in Spring, and vividly brightening the Autumn aspect with gleaming fruits and richly colored foliage.
Dentatum (Arrow-wood). Height, 8 to 10 feet. Foliage bright green, heart-shaped, taking on brilliant autumnal tone; flowers in flat-topped clusters in May and June. 2 to 3 feet, 60c each; $\$ 6.00$ per doz.
Lantana (Wayfaring Tree.) Height, 8 to 10 feet, Leaves heart-shaped, wrinkled, dark green above, downy beneath; flowers white, in flattopped clusters; berries bright red, changing to black. 2 to 3 feet, 60 c each; $\$ 6.00$ per doz.


Viburnum Opulus.


Weigela Rosea.

Lentago (Sheepberry). 10 to 12 feet. Foliage light glossy green; flowers creamy white, very fragrant; fruit black. 2 to 3 feet, 60c each; $\$ 6.00$ per doz.

Opulus (High Bush Cranberry). Height, 8 to 10 feet. A very ornamental large sized shrub with white flowers and conspicuous red berries, resembling cranberries, which remain until destroyed by late frosts. 2 to 3 feet, 50c each; $\$ 5.00$ per doz. 3 to 4 feet, 75 c each; $\$ 7.50$ per doz.

Opulus Sterile (The Common Snowball). 6 to 8 feet high. An old favorite in every garden. Large balls of white flowers. Very attractive. 2 to 3 feet, 60 c each; $\$ 6.00$ per doz.

Tomentosum (Japanese Snowball). 6 to 8 feet high. Flowers pure white, borne along the branch in flat cymes. These flower-clusters are sometimes 3 to 4 inches across. The foliage is quite beautiful. Should be planted where it is sheltered from extremely cold winds. 2 to 3 feet, 50c each; $\$ 5.00$ per doz. 3 to 4 feet, 75 c each; \$7.50 per doz.

## Weigela

Spreading, free-flowering shrubs that are remarkably hardy. They are among the showiest of our garden ornamentals. Thrive best in moist loamy soil.
Amabilis. Height, 6 to 8 feet. Strong, erect, gradually spreading and drooping into the most graceful shape; they follow the Lilacs in bloom, producing large pink trumpet-shaped flowers. 2 to 3 feet, 50 c each; $\$ 5.00$ per doz. 3 to 4 feet, 60 c each; $\$ 6.00$ per doz.
Hybrida, Eva Rathke. Height, 5 to 6 feet. Free bloomer; large brilliant crimson flowers. Similar to the preceding variety in its trumpetshaped blooms and in the general characteristics of growth. 2 to 3 feet, 75 c each; $\$ 7.50$ per doz.
Rosea. Height, 6 to 8 feet. A very popular sort among the Weigelas. Tall growing and very vigorous, with deep pink flowers in the greatest abundance during June and at intervals through out the summer. 2 to 3 feet, 60c each; $\$ 6.00$ per doz. 3 to 4 feet, 75 c each; $\$ 7.50$ per doz.
Rosea Nana Variegata. Height, 4 to 6 feet. Variegated leaves of deep green, margined creamy white. Flowers pink. 2 to 3 feet, 60c each; $\$ 6.00$ per doz. 3 to 4 feet, 75 c each; $\$ 7.50$ per doz.

## ROCK'S HARDY CLIMBING PLANTS

AMPELOPSIS Englemanii (Englemann's Ivy). A greatly improved variety of the Virginia Greeper, with dens foliage of a glossy light green in summer. changing to a brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Japanese Ivy. Extra strong 2year plants, 50c each; $\$ 5.00$ per doz. 3-year, 60c each; $\$ 6.00$ per doz.

AMPELOPSIS Quinquefolia (Virginia Creeper or American I v y). Luxuriant in growth with handsome foliage turning to bright crimson in the fall. Very hardy vine for covering old tree trunks, walls or fences. Extra strong 2-year plants, 50c each; $\$ 5.00$ per doz. 3 -year, 60 c each; $\$ 6.00$ per doz.
AMPELOPSIS Veitchii (Boston Ivy or Japan Ivy). The most popular climbing plant for covering brick, stone or wooden walls, trees, etc.; when it becomes established it is of rapid growth, and clings to the smoothest surface; the foliage is a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. 2-year plants, 35c each; $\$ 3.50$ per doz.
ARISTOLOCHIA Sipho (Dutchman's Pipe). A hardy rapid-growing climber bearing brownish colored flowers resembling a Dutchman's pipe. While the flowers are ornamental, the vine is most desirable for the bright green foliage which retains the same color from spring until late fall. 3-inch pot-grown plants, 50c each; $\$ 5.00$ per doz.
BIGNONIA RADICANS (Trumpet Vine). Dark red orange throat; free blooming. Very hardy and rapid grower. Useful for covering unsightly places, stumps, or wherever a showy flowering vine is desired. 2-year plants, 50c each; \$5.00 per doz.
CLEMATIS Paniculata (Japanese Clematis). The finest small flowered Clematis extant. A wonderfully rapid grower, quickly covering trellises, arbors, etc. The flowers are pure white, deliciously fragrant and produced with the greatest freedom. It flowers in September when few other vines are in bloom. This is the easiest to grow and most popular of all the small flowered vines. Strong 2-year plants, 30c each; $\$ 3.00$ per doz. Strong 3 -year plants, 50c each; $\$ 5.00$ per doz.
CLEMATIS Jackmanii (Large Flowering Clematis). This variety, with its strong, healthy growth, hardy nature and rich, deep velvety-purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion on shoots of the present season; should be pruned early in the spring. Blooms July and August. 2-year plants, 75c each; $\$ 7.50$ per doz.
CLEMATIS Duchess of Edinburgh. One of the best double whites, of vigorous habit, very free of bloom and delightfully fragrant. 2-year plants, \$1.00 each; \$10.00 per doz.

i-Boston Ivy.

CELASTRUS Scandens (Bitter Sweet). One of our native climbing plants, of rapid growth, succeeding in almost any situation, sun or shade, with attractive light green foliage and yellow flowers during June, which are followed in the autumn with bright orange fruit, which usually remain on the plant throughout the winter. 2-year plants, 50 c each; $\$ 5.00$ per doz.
HARDY CLIMBING ROSES, See Rose section in this book.
HONEYSUCKLE Halleana (Woodbine). Flowers pure white, turning to yellow; fragrant, hardy and almost evergreen; flowers freely. Strong 2 -year plants, 50c each; $\$ 5.00$ per doz. 3-year plants, 60c each; $\$ 6.00$ per doz.
HONEYSUCKLE Sempervirens (Scarlet Trumpet Honeysuckle). Trumpet-shaped flowers of bright scarlet. 2-year plants, 50c each; \$5.00 per doz.
LATHYRUS Latifolius (Hardy Sweet Peas). An excellent perennial climber for covering old stumps, fences, etc. A free bloomer, flowers greatly resemble sweet peas, on stems 4 to 5 inches long. Height, 6 feet, blooms July to Sept. Scarlet, pearl white, pink beauty, mixed. Price, 30c each; $\$ 3.00$ per doz.
POLYGONUM Auberti (Silver Lace Vine). One of the most desirable flowering climbers; the plant is of strong, vigorous growth, attaining a height of 25 feet or more, producing through the summer and fall great foamy sprays of white flowers, a well established plant and during its long flowering period is a mass of bloom. 2-year plants, 75 c each; $\$ 7.50$ per doz.
PUERARIA Thunbergiana (Kudzu Vine). Large foliage and dense shade, growing 50 feet in one season. Flowers plentiful in August; rosypurple, pea-shaped, in small racemes. 2-year plants, 30c each; $\$ 3.00$ per doz.
VITIS Humulifolia (Turquoise-berry Vine). One of the most. desirable very hardy climbers, with glossy dark-green leaves, which are insect and disease proof, always presenting a clean, fresh appearance. In late summer and fall the plant is loaded with berries, which are very attractive in the various stages of ripening, passing through many shades of blue, finally turning blue-black. 2-year plants, 35c each; \$3.50 per doz.
WISTARIA Sinensis. The favorite variety producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed. One of the best hardy climbers, producing their great trusses of flowers during the month of May. 2year plants, 75 c each; $\$ 7.50$ per doz.

A home is not complete without a few climbing vines.

# Insecticides, Fungicides, Etc. 

## Prices Subject to Market Changes

IMPORTANT: Insecticides containing poison can not be sent by mail; only those marked with an asterisk (*) may be shipped by parcel post. Kindly provide for sufficient poslage in your remittance to cover these marked items.
*ANT DESTROYER. The best available non-poisonous remedy for the extermination of ants. Requires about $1 / 2$ teaspoonful scattered about each hill. 1/4 lb., 35c.

APHINE. A preparation of nicotine effective in its uses. Excellent for plant lice, thrips and the red spider. 1 pint, 65c; 1 quart, $\$ 1.00$.

ARSENATE OF LEAD, POWDERED. Has all the advantages of arsenate of lead paste but more efficient to handle. Excellent for spraying trees and shrubs against all leaf-eating insects, fruit flies and codling moth. May be used either for dusting or spraying. Sticks like paint, kills quickly and will not burn the foliage. $1 / 2 \mathrm{lb}$., $35 \mathrm{c} ; 1 \mathrm{lb} ., 60 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 2.65 ; 10 \mathrm{lbs} ., \$ 4.50$.

BLACK LEAF 40. A solution of nicotine sulphate which is highly recommended by experiment stations throughout the United States. Very effective on all types of plant lice, and soft bodied sucking insects. For use with spray only. Directions should be followed very carefully. 1 oz . bottle, 35 c ; $1 / 2 \mathrm{lb} .$, can, $\$ 1.25$; 2 lb. can, $\$ 3.75$; 10 lb . can, $\$ 15.50$.

BORDEAUX MIXTURE, POWDERED. For blight, mildew, rust, and other various fungous diseases. Also prevents and cures black-rot, scab and is a deterrent for many insects on fruits and vegetables. $1 \mathrm{lb} ., 50 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 1.60$.
*FISH OIL SOAP. (Whale Oil Soap). An ideal wash for trees, and plants infected with scale. 1/2 lb., 25c; 1 lb., 40c; 5 lbs., \$1.50.

FUNGINE. A new and infallible remedy for mildew, rust, wilt and other fungous blights affecting flowers, fruits and vegetables. $1 / 2 \mathrm{pt} ., 40 \mathrm{c}$; 1 pt., 65c; 1 qt., \$1.00.
*GRAPE DUST. A preventative and destroyer of mildew on grapes and roses. $1 \mathrm{lb} ., 30 \mathrm{c} ; 5 \mathrm{lbs} .$, 95c; 10 lbs., \$1.75.

HELLEBORE, POWDERED. Effective in killing the worms on currant and gooseberry bushes. Less poisonous than Paris Green making it much safer to use on fruits and vegetables. $1 / 2$ lb., 35c; 1 lb., 60c.
*KEROSENE EMULSION. May be used for sucking insects such as plant lice, flea beetles, woolly aphis, green fly, mealy bug and San Jose scale. 1 qt., $60 \mathrm{c} ; 1$ gal., $\$ 1.50$.

LEMON OIL. One of the best insecticides for use indoors. It has a pleasant odor. Kills scale and aphis and also the red spider. $1 / 2 \mathrm{pt} ., 35 \mathrm{c}$; 1 pt., 60c; 1 qt., \$1.00; 1/2 gal., \$1.75.

LIME SULPHUR, POWDERED. A standard remedy for scale and other certain fungous diseases. 1 lb., 35c; 5 lbs., \$1.50.

NICO-FUME LIQUID. For spraying and fumigating and a certain destroyer of all greenhouse lice and bugs. Will not injure the blooms or plants. $1 \mathrm{lb} ., \$ 2.25$; 4 lbs., $\$ 8.00$.
*NICO-FUME TOBACCO PAPER. Nicotine saturated paper for fumigation. 24 sheets, $\$ 1.25$; 144 sheets, $\$ 5.50$.

PARIS GREEN. A very poisonous insecticide effective in killing leaf chewing insects. If used on fruits or vegetables add one pound of quick lime to every pound of Paris Green. Keep well stirred while using. $1 / 4 \mathrm{lb} ., 25 \mathrm{c} ; 1 / 2 \mathrm{lb} ., 40 \mathrm{c} ; 1$ lb., 65c; 5 lbs., \$2.75.

PYROX. A two in one spray. Very useful for potatoes. A combination of Bordeaux Mixture and Arsenate of Lead, forming a remedy for both fungous and leaf eating insects. $1 \mathrm{lb} ., 40 \mathrm{c}$; 5 lbs., \$1.50; 10 lbs., \$2.50.

SCALECIDE. Useful for destroying San Jose and other scale insects on the barks of trees. Spray when dormant. 1 qt., $75 \mathrm{c} ; 1$ gal., $\$ 1.75 ; 5$ gal., \$7.00.
*SLUG SHOT (HAMMOND'S). One of the best remedies for destroying worms on cabbage, currants, tomatoes and all leaf eating insects. Apply as bought. $1 \mathrm{lb} ., 20 \mathrm{c} ; 5 \mathrm{lbs}$., 60c.
*SULPHUR, POWDERED. Prevents and cures mildew on roses, both in and out of doors. $1 \mathrm{lb} .$, 15c; 5 lbs., 60c; 10 lbs., \$1.00.
*TOBACCO DUST. Useful for fumigating and dusting plants affected with aphis. $1 \mathrm{lb} ., 10 \mathrm{c}$; 5 lbs., 40c; 10 lbs .970 c .
*TREE TANGLEFOOT. A paste preparation applied directly to the bark of trees which will catch all climbing insects. One application remains effective for three months. $1 \mathrm{lb} ., 50 \mathrm{c} ; 5 \mathrm{lbs} .$, \$2.25; $10 \mathrm{lb} .$, \$4.25.

## HAND PUMP SPRAYERS

Small hand-pump sprayers useful for the average gardener; while very cheap in price they are very effective in their uses and should last 2 or 3 years under ordinary use.

Hudson's Midget, 75c each. Hudson's Misty Spray, $\$ 1.00$ each.
Prices do not include postage.


## MELROSINE

## Is Certain Death to Rose Bugs!

\begin{abstract}
In the extensive trials at our Nursery we have found this to be an invaluable contact insecticide not only useful for Rose-bugs but for Aphis (Plant Lice of all kinds), Black Flies, Green Flies, Soft Scale insects, Leaf Hoppers, Saw Flies, Japanese Beetles, Thrips, Red Spiders, Aster Bugs, Mealy Bugs and various other sucking insect pests. It is very effective in its uses, pleasant and harmless to apply.


## FOR EXTENSIVE GARDENING

## Stim-(1)-planT <br> PLEANT STIMULANT TABLET

To Our Knowledge the Handiest, Cleanest, Most Efficient of All Plant Food.

## EASY TO USE

This plant food, in tablet form, will be found of particular value during the winter as well as the summer, for keeping indoor plants vigorous and healthy. Amazing results can be obtained by using a tablet or two on large growing, hungry plants, such as ferns, which require lots of nourishment to keep them growing and healthy.

Simply insert tablets in soil near plants, or dissolve in water at the rate of four tablets to the gallon and apply as liquid manure. Complete directions with every package.

Order Stim-U-planT tablets with your seed and plant order. Prices:



## SHEEP MANURE

A superior quality of genuine Sheep Manure effectively dried and sterilized with all weed seeds killed. A concentrated natural fertilizer and one of the best for lawns, flower gardens, fruit and vegetables. It supplies the soil with necessary plant food and humus to make plants grow luxuriantly. A general fertilizer equally effective in the hands of both amateur and professional. For lawns and gardens use one pound per 16 square feet of surface soil.

A necessity for florists and under glass growers. Sixteen years of use by the florist trade has proven it unequaled for producing vigorous healthy growth and abundant bloom.

Highly profitable and convenient fertilizer for the truck gardener, fruit grower and general farmer.
5-Pound Carton$\$ 0.45$
10-Pound Carton ..... 65
25-Pound Bag ..... 1 .00
50-Pound Bag ..... 1.45
100-Pound Bag ..... 2.50

Prices are F. O. B. Independence, Mo., Freight, Express or Parcel Post, Extra.


[^4]ROCK'S FLOWER GARDENS, INC., Independence, Mo.

## Rock's Garden Requisites

We are pleased to offer this season a fow of the most common garden tools and necessities. The various articles which are listed, have been given thorough trials and have proved indeed worthy of being offered to our clients; they are unsurpassed in workmanship as well as quality and are fully guaranteed to be free from mechanical defects. Prices do not include Parcel Post or Express.

Flower Pots


Missouri Red Clay, the best made. Prices include careful packing; we are not responsible for breakage.

|  |  | Per doz. | Per 100 |
| :---: | :---: | :---: | :---: |
| 2 | inch | \$0.35 | \$2.00 |
| $21 / 2$ | inch | . 40 | 2.50 |
| 3 | inch | . 50 | 3.50 |
| 4 | inch | . 75 | 5.00 |
| 5 | inch | 1.20 | 9.00 |
| 6 | inch | 1.90 | 15.00 |
| 7 | inch | 2.80 | 21.00 |
| 8 | inch | . 3.70 | 28.00 |
| 9 | inch | - 5.00 | 36.00 |
| 10 | inch | 8.00 | 60.00 |
| 12 | inch | 75 ea |  |

Sizes are the outside diameter of the top of pot.
Flower Pot Saucers
Missouri Red Clay.

|  | Each | Per doz. |
| :---: | :---: | :---: |
| 3 inch | \$0.05 | \$0.30 |
| 4 inch | . 07 | . 60 |
| 5 inch | . 10 | . 85 |
| 6 inch | . 15 | 1.30 |
| 7 inch | . 20 | 1.90 |
| 8 inch | . 25 | 2.50 |
| 9 inch | . 35 | 3.50 |
| 10 inch | . 50 | 5.00 |
| 12 inch | 1.00 | 10.00 |

## Hose Nozzle

Polished brass; throws solid stream or spray, length $41 / 2$ inches; for $3 / 4$ inch coupling. \$1.00 each.

## Rock's Budding Knife

Stag handle; one budding blade of highest grade carbon steel, glazed finish; brass lining; nickel silver bolster; length $33 / 4$ inches. $\$ 1.75$ each.

## Rock's Pruning Knife

Redwood handle; one carbon steel pruning blade, glazed flnish; steel lining; steel cap and bolster. Length $41 / 2$ inches., $\$ 1.50$ each.

## Labels, Pot

## Wood; painted.

4 inch
35 c per 100
6 inch .40 c per 100
50 c per 100

## Labels, Garden

Wood; painted.
10 inch . . . . . . . . . . . . . . . . . . . . . . . . . $\$ 1.75$ per 100 12 meh 2.25 per 100

## Labels, Tree



Copper-wired. $31 / 2$ wood; for trees, shrubs and plants. 50c per 100; \$3.00 per 1000.

## Hedge Shears

An excellent forged steel type with notched blade for holding and cutting large branches; polished maple handles; cutting blade 10 inches. \$3.50 each.

## Pruning Shears

California pattern drop forged handles with black flnish; nickel plated Volute pressure spring; polished crucible steel blades; length 9 inches. \$1.50 each.

## Lincoln Park or Butterfly Sprinklep



One of the best sprinklers made and one of the cheapest, throws a spray 40 feet in didmeter. 60c. each.

Mounted on 2-foot stand, \$1.20; 4-foot stand \$1.30.

## Ring Fountain Sprinkler

A flat circular type with perforated top; made of stamped brass, highly polished; $81 / 4$ inches in diameter. \$1.00 each.

## Townley Lawn Sprinkler

Throws a spray by means of a ball bearing, revolving head; stands $10 \frac{1}{2}$ inches high with three 6 -inch brass arms. For $3 / 4$-inch coupling. $\$ 2.50$ each.

## Handy Garden Trowel

The best all-purpose trowel yet produced. Solid tempered steel blade, $31 / 4$ x 6 inches; highly polished; reinforced hardwood handle. \$1.00 each.

## Transplanting Trowel

A very useful type for transplanting small plants; sheet steel blade $6 \times 2$ inches; soft wood handle. 250 each.

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## Rocks Flower Yardens

## SEEDS--PLANTS-BULBS—SHRUBS

 INDEPENDENCE, MO.Date
1923

Name.


QUANTITY

## TERMS OF SALE

It is necessary that you read these terms before ordering, to insure the careful and prompt service ROCK'S FLOWER GARDENS endeavor to render at all times.

## Delivery Charges

All items of seed ordered in quantities of less than two pounds will be forwarded at our expense. All items above two pounds at purchaser's expense. Parcel post rates listed below. No charges are made for packing. Plants, shrubs and bulbs are forwarded at purchaser's expense, unless otherwise notified.

## Charge Accounts

Parties ordering goods without remittance must furnish satisfactory reference for opening an account. A Kansas City reference is preferable, on account of the shorter delay pending investigation.

## Remittances

May be made by Express Money Order, P. O. Money Order, Bank Draft or Check. Stamps or Cash sent through the mail go at purchaser's risk, unless letter is registered.

## In Ordering

Write plainly, using greatest care to copy the correct items. It may be well to keep a duplicate of your order for comparison.

## C. O. D. Orders

We must decline sending orders C. O. D. unless $25 \%$ of the amount is remitted with the order. All transportation charges will be collected on delivery.

## Non-Warranty

Most of the failures with seeds, plants or bulbs are due to causes entirely beyond our control, such as unfavorable weather, soil conditions, too deep or too shallow planting, etc. While we exercise the greatest care to furnish only the best quality of seed, and deem it necessary to our best interests to send out only such stock, we cannot guarantee description, quality or productiveness of any seeds sent out. However, we shall be pleased to entertain any complaints to the interest of our customers. If any Shrubs, Perennial Plants or Bulbs prove untrue to the description under which they are sold, we hold ourselves in readiness, on proper proof, to replace all such stock that may prove otherwise, or refund the amount paid; but we shall in no case be liable for a sum greater than the amount originally received for said stock.

> We guarantee the Safe Arrival in the United States of all Goods Shipped by Express or Parcel Post.

| DOMESTIC PARCEL POST RATES. <br> Within the United States and Possessions <br> First, Second and Third Zones, weight limit 70 lbs., other Zones 50 lbs . Size limit, 84 inches for combined length and largest girth. | First <br> Pound <br> (over 8 oz rates as 1 tb.) | Each Additional Pound or Fraction |
| :---: | :---: | :---: |
| First Zone, within 50 miles of Independence, Mo | бс. | 1 c . |
| Second Zone, within 50 to 150 miles of Independence, Mo. | 万. | 1 c . |
| Third Zone, within 150 to 300 miles of Independence, Mo. | 6 c. | 2 c . |
| Fourth Zone, within 300 to 600 miles of Independence, Mo. | 7 c . | 4 c . |
| Fifth Zone, within 600 to 1000 miles of Independence, Mo. | 8 c | 6 c . |
| Sixth Zone, within 1000 to 1400 miles of Independence, Mo. | 9 c . | 8 c . |
| Seventh Zone, within 1400 to 1800 miles of Independence, Mo. | 11 c . | 10 c . |
| Eighth one, all over 1800 miles from Independence, Mo. | 12 c . | 12 c . |

Independence, Mo., is located just 10 miles east of Kansas City, Mo.

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$\mathbb{N D} \mathbb{E} \mathbb{P} \mathbb{E} \mathbb{D} \mathbb{E} \mathbb{C} \mathbb{E}, M \mathbb{M}$ 。


[^0]:    FOR AN EXCELLENT LAWN TRY

[^1]:    Some of our Chinese Giant Peppers measured $41 / 2$ inches across last season.

[^2]:    CULTURE.-Seed should be sown thinly in drills early in the spring. When well started thin out to stand four to six inches apart in the row. The leaves can be gathered for use at any time after the plants are well started.

[^3]:    Write for Rock's leaflet on "Creating Beautiful Lawns." It will be malled free on request.

[^4]:    We guarantee the safe arrival of your seeds, plants or bulbs in the $\mathbf{U}$. S. or possessions and assure you that all orders are filled with only the highest quality of stocks.

    This is the guarantee that protects all who purchase from,

