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## The Preparation and Care of a Lawn

A well cared for lawn adds more than any other one thing to the attractiveness of the home grounds and not only this, it increases the value of property by much more than the mere expense of securing the lawn. There are a few simple rules which, if followed consistently, will be certain to bring good results.

The ground must first be thoroughly prepared by draining, if necessary, and spade or plow to the depth of 6 to 12 inches, according to the nature of the soil, applying a liberal quantity of well decomposed manure, bone meal or pulverized sheep manure, the latter we recommend as being lasting in effect, not liable to burn the grass and free from weeds. Clean the ground
thoroughly and rake perfectly smooth and level, as much of the success depends upon this part of the preparation. The seed should be sown on a calm day, that it may be applied evenly, and at the rate of seventy pounds per acre, or one pound is sufficient for 600 square feet. After the seed is sown the ground should be rolled with a light roller or evenly tamped with the back of a spade. The plot should be mowed every ten days from May until September, using a sharp scythe in preference to a mower until a close turf is formed. Frequent mowing and rolling is necessary to maintain a close, even turf. April and September are the best months for sowing lawn seed.

## Park Lawn Grass Mixture

In our lawn mixture we use only the highest quality; extra clean seed and free from weed seeds which abound in inferior grades. We use only the choicest low-growing grasses, and a lawn produced from our seeds will maintain a rich, dark velvety appearance and a permanent sod. One pound will sow 600 square feet. $1 / 2 \mathbf{1 b} . \mathbf{3 5 c}$., $1 \mathrm{lb} .60 \mathrm{c} ., 21 / 2 \mathrm{lbs} . \$ 1.40,5 \mathrm{lbs} . \$ 2.75,100 \mathrm{lbs} . \$ 50.00$.

## Shady Nook Grass Mixture

A special mixture of grasses adapted to growing under trees and in shady places where it is quite difficult to produce a satisfactory growth. $1 / 2 \mathrm{lb} .40 \mathrm{c} ., 1 \mathrm{lb} .75 \mathrm{c} ., 21 / 2 \mathrm{lbs} . \$ 1.75,5 \mathrm{lbs} . \$ 3.00,20 \mathrm{lbs} . \$ 11.00$.


A well kept Vegetable Garden is an attractive feature of the home grounds
ORDER EARLY. Our customers would find it decidedly to their advantage to procure their seeds early as possible after the receipt of catalogue, thus avoiding the rush of the planting season, and it frequently happens that some stock from our own growing contracts, are exhausted early and replaced by the best we can secure in the open market.
SELECTION OF STOCK. We use every precaution in securing our stock and place our contracts, both in this country and Europe, only with old, reliable growers who have long standing records of producing the best in their lines. Conditions have changed very rapidly in the production of seeds, and this is particularly true of many lines of Flower Seeds. Some of our regular growers extending their list of items produced and owing to their persistent labor in selection and closer breeding, have improved strains to a degree that is very noticeable.
IN ADDITION to our very complete collection of Vegetable and Flower and Lawn Seeds, we stock Flowering Bulbs for Spring and Fall planting and many Fall Bulbs in pots and bowls prepared ready for blooming. Bulb Bowls, Pebbles and Hyacinth Glasses. Flower Pots we stock almost unlimited assortment of sizes and styles. Plant Stakes, Trellis and Labels. Insecticides and Fertilizers Poultry Supplies: Remedies Hoppers, Fountains, Leg Bands, Nest Eggs, Chicken Feeds, etc. Sergeant's Dog Remedies. Bird Seeds. Basketry Supplies: Round Reeds No. 1 to No. 8, Flat Reed, Wood Bases, round, oval and rectangular, Butterflies, Milk Weed, grasses and numerous articles used in Basketry work. Johnson's Wood Dyes. Raffia in natural and colors.
LOCATION OF STORE. My store will be found on the northwest corner of Washington and Eddy Streets, next to new Providence Biltmore Hotel, one block from Dorrance or Westminster Streets, and within a short distance of the Union Railroad Station.
SEEDS BY MAIL. For the benefit of out-of-town buyers, I pay postage on all seeds ordered in packets, ounces and one-fourth pounds. Add for prepayment of postage on large quantities at parcel post rates, according to zone.
PARCEL POST RATES. 1st and 2nd zones, within 150 miles, first pound 7 c ., additional pounds 1c. each. 3rd zone, 150 to 300 miles, first pound 8 c., additional pounds 2 c . 4 th zone, 300 to 600 miles, first pound 9 c ., additional pounds 4 c . each. Service charge 2c. on each package.
PACKING AND DELIVERY. I make no charge for boxes and packing and deliver all goods free within the city limits. Seamless and small cloth bags are charged at value.
I give no warranty, expressed or implied, as to description, purity, productiveness, or any other matter, of any Seeds, Bulbs or Plants, I sell, and will not be in any way responsible for the crop.
WILLIS S. PINO

## THE BEST VEGETABLE SEEDS

All vegetable seeds except Peas, Beans, Corn and those otherwise mentioned, are put up in 10 -cent packages. We send free by mail all vegetable seeds in packages, ounces and one-fourth pounds;larger quantities, add postage according to Parcel Post zone rates.

## Artichokes

Sow seeds in hotbed early in Spring in rows 6 inches apart, transplant into boxes or pots Plant in open ground after danger of frost is past, 2 by 3 feet between plants. Rich, sandy loam is best adapted. Sow seed in open ground in May and protect until cold weather is past and will head the second year.
Large Globe, or Paris. Pkt. 15c., oz. ${ }^{75}$ c.


Beans, Improved Goiden Wax

## Asparagus One ounce to 40 feet

Sow the seed in Spring in drills 15 inches apart, the following Spring transplant to permanent beds. Plant for private use in rows 6 inches apart and allow 12 inches in the rows, covering the roots 6 inches. For market on a large scale, set 4 by 2 feet.
Palmetto. Oz. 10c., $1 / 4 \mathrm{lb} .30 \mathrm{c} ., \mathrm{lb} . \$ 1.00$.
Martha Washington. A rust-resisting varof excellent quality. $\mathbf{O z} .25 \mathrm{c}, 1 / 4 \mathbf{1 b} .75 \mathrm{c}$., 1b. $\$ 2.50$.

## Beans-Dwarf or Bush

## One pound to 50 feet of drill

For succession Bush Beans shou d be planted at intervals of two weeks from May until August. Make drills 2 feet apart and 2 inches deep.


Asparagus, Palmetto


Stringless Green Pod. Extra early, stringless, round pod. Very prolific and excellent quality. Pkt. 20c., 1b, 35c., $\mathbf{2}$ lbs. 60c., 10 lbs. \$2.75.
Black Valentine. Pods long, round and straight, good quality Pkt. 20c., lb. $35 \mathrm{c} ., 2$ lbs. 60c., 10 lbs. \$2.75.
Early Bountiful. Practically a stringless Yellow Six Weeks. Pkt. $20 \mathrm{c} ., 1 \mathrm{~b} .35 \mathrm{c} ., 2 \mathrm{lbs} .60 \mathrm{c} ., 10 \mathrm{lbs} . \$ 2.75$.
Dwarf Horticultural. An excellent shell bean. Pkt. 20c., lb. $35 \mathrm{c} ., 2 \mathrm{lbs} .60 \mathrm{c}$., 10 lbs . $\$ 2.75$.
Goddard, or Boston Favorite. Larger than the preceding variety. Pkt. 20c., 1b. 35c., 2 lbs. 60c., 10 lbs. $\$ 2.75$
Low's Champion. Recommendable as a string or shell bean Pkt. 20c., 1b. 35c., 2 lbs. 60c., 10 lbs. $\$ 2.75$
Improved Golden Wax. A favorite among yellow-podded varieties; pods flat. Pkt. 20c., 1b. 35c., 2 lbs. 60c., 10 lbs. \$2.75.
Round Pod Kidney Wax. Of the finest quality; entirely stringless. Pkt. 20c., 1b. $40 \mathrm{c} ., 2$ lbs. $75 \mathrm{c} ., 10$ lbs. $\$ 3.25$.
Pencil Pod Black Wax. Pods round, bright yellow and entirely stringless. Pkt. 20c., 1b. 35c., 2 lbs. 60c., 10 lbs. \$2.75.
Burpee's Stringless Kidney Wax. Pods long, entirely stringless; prolific. Excellent. Pkt. 20c., lb. 35c., 2 lbs. 60c., 10 lbs. $\$ 2.75$. Wardwell Kidney Wax. Popular variety. Wide, flat pods, white seed. Pkt. 20c., lb. 35c., 2 lbs. $60 \mathrm{c} ., 10 \mathrm{lbs}$. $\$ 2.75$. Davis' Kidney Wax. Extremely hardy, large flat pods, white seed. Pkt. 20c., 1b. 35c., 2 lbs. $60 c ., 101 b s . \$ 2.75$. Fordhook Bush Lima. Very productive and of excellent quality. Pkt. 20c., lb. 40c., 2 lbs. $75 \mathrm{c} ., 10 \mathrm{lbs} . \$ 3.50$.
Henderson's Bush Lima. Earlier than the Burpee, but a smaller bean. Pkt. 20c., 1b. $40 \mathrm{c} ., 2$ lbs. 75c.
English Broad Windsor. The standard English bean. Pkt. 20c., 1b. 40c., 2 lbs. 75c.

## NOCULATE THIS SEED with <br> MULFORD CULTURE

Pea, or Navy, Red Kidney, Yellow Eye.
ans Pkt. 15c., 1b. 25c., 2 lbs. 45 c . Pole, or Running Beans ${ }^{\text {One popind }} \boldsymbol{7}$ hiils

The planting of Pole Beans should be delayed a week or more after the planting of the early dwarf sorts. Make hills about 3 feet apart and 1 to 2 inches deep and plant five or six seeds in each hill; thin to three plants in each hill when well established. Limas should not be planted until weather becomes warm and settled. Flat beans should be placed in the soil edgewise, eye down.
Mammoth Horticultural Pole. A very prolific shell bean. Pkt. 20c., $1 \mathrm{~b} .35 \mathrm{c} ., 2$ lbs. 65 c ., 10 lbs. $\$ 3.00$.
Kentucky Wonder. An excellent variety, entirely stringless, round pod. Pkt. 20c., 1b. 35c., 2 lbs. 65c., 10 lbs. $\$ 3.00$.
Kentucky Wonder Wax. Pods very long, fleshy, stringless, light yellow. Pkt. $20 \mathrm{c} ., 1 \mathrm{~b} .40 \mathrm{c} ., 21 \mathrm{bs} .75 \mathrm{c}$.
Lazy Wife. Long, thick, stringless pods; also fine white seed shell bean. Pkt. 20c., 1b. 40c., 2 lbs. 75c.
Scarlet Runner. Highly ornamental; also used as a table bean. Pkt. 20c., 1b. $40 \mathrm{c} ., 21 \mathrm{bs} .75 \mathrm{c}$.
Large White Lima (Extra Size). The standard Pole Lima. Quality excellent. Pkt. 20c., 1b. $40 \mathrm{c} ., 2$ lbs. 75 c .
Sieva, or Small Lima. An excellent bean, earlier and more hardy than large Limas. Pkt. 20c., 1b. 40c., 2 lbs. 75 c.
Yard Long. A very curious sort, producing pods 2 feet or more in length, the thickness of a lead pencil. Small pkt. $10 c$.


Beans, Burpee's Bush Lima

## Beets

One ounce to 50 feet of drill; 5 to 6 pounds per acre
Sow early as ground can be worked in the Spring and for succession follow every two weeks until July. For main crop sow last of May. Light, sandy loam well enriched with stable manure is best adapted and should be plowed and harrowed until very fine. Make drills 1 foot apart and when well up thin to 4 or 5 inches in the row.
Extra Early Egyptian. A very early flat blood-red sort. Popular for first planting and forcing. Pkt. 10c., oz. 20c., $1 / 41 \mathrm{~b} .50 \mathrm{c}$., 1b. $\$ 1.25$.
Crosby's Egyptian. An improved strain of Egyptian Beet. Rich dark red, crisp and tender. An excellent early sort. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.50$.
Eclipse. Globe-shaped, extremely early and excellent quality. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb}$. $\$ 1.25$.
Detroit Dark Red. Very tender and sweet; skin dark bloodred; flesh bright red; fine round shape. Excellent for main crop. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb}$. 50 c. , 1b. $\$ 1.50$.
Edmand's Blood Turnip. Highly recommendable for main crop; uniform in size, very dark flesh, excellent quality. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb}$. $\$ 1.25$.
Dewing's Blood Turnip. A standard main crop variety of excellent shape and color. Pkt. 10c., oz. 20c., $1 / 4$ 1b. 50c., 1b. $\$ 1.25$.

## Sugar Beets and Mangel-Wurzels

## Sow in May or June; 5 to 8 pounds per acre.

Norbiton's Giant. A long red variety, adapted to deep soil. Oz. 10c., $1 / 41 \mathrm{lb} .25 \mathrm{c} ., 1 \mathrm{lb}$. 75c.
Golden Tankard. A yellow variety, formed mostly above ground; easily pulled. Oz. 10c., $1 / 41 \mathrm{~b} .25 \mathrm{c} ., 1 \mathrm{~b} .75 \mathrm{c}$.
Half Sugar Mangel. Flesh pure white, firm and very sweet. Oz. 10c., $1 / 41 \mathrm{lb}$. 25c., 1b. 75c.
Vilmorin's White Sugar. The best Sugar Beet for stock feeding. Oz .10 c, , $1 / 4 \mathrm{lb} .25 \mathrm{c} ., 1 \mathrm{~b} .75 \mathrm{c}$.

## Swiss Chard, or Spinach Beets

Giant Lucullus. Extra large, crumpled or Savoy-leaved. Leaves used as greens, cooked in same manner as Spinach and the large ribs are prepared like Asparagus. Pkt. $10 \mathrm{c} .$, oz. $20 \mathrm{c} ., 1 / 41 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.50$.
Large White. Similar to above, plain-leaved. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.50$.


Carrot, Danvers Half-Long


Beet, Detroit Dark Red

## Broccoli One auce will froduco

Closely resembles Cauliflower but more hardy and sure heading. Sow seed in May and plant out in June in rows 2 feet apart each way.
White Cape. Heads creamy-white and of large size. Pkt. 10c., oz. 75c.
Purple Sprouting. An early Italian variety yielding a profusion of purple sprouts. Pkt. $10 \mathrm{c} ., \mathbf{o z} .50 \mathrm{c},. 1 / 4 \mathrm{lb}$. \$1.25.

## Brussels Sprouts

## One ounce will produce about 3000 plants

The seed should be sown about the middle of May in \& seed bed and plants afterward set in rows 2 feet or more apart and cultivated like Cabbage. This vegetable does not require extremely high cultivation. It is ready for use late in Autumn after early frosts.
Dwarf Improved. Compact in growth and of excellent
quality. Pkt. 10c., oz. 35c., $1 / 41 \mathrm{lb}$. $\$ 1.00$.

## Borecole, or Kale

## One ounce will produce about 3000 plants

Sow in beds early in Spring and transplant in June, treating in same manner as Cabbage.
Dwarf Green Curled Scotch. Very dwarf and spreading, the best variety. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.50$.

## Carrots $\begin{gathered}\text { One ounce to } 100 \text { feet of drill, } \\ \text { four pounds per acre }\end{gathered}$

For early crop sow as soon as the ground can be worked; they may be sown as late as the middle of June. The drills should be 1 inch deep and 1 foot apart, thinning out to 3 or 4 inches between the plants. Carrots do best in a deeply tilled sandy loam.
Early Scarlet Horn. A favorite sort; for early Summer use. Pkt. $10 \mathrm{c} .$, oz. 20c., $1 / 4 \mathrm{lb} .60 \mathrm{c} ., 1 \mathrm{lb} . \$ 2.00$.
Early French Forcing. The earliest variety grown; small, tender. Fine quality. Pkt. $10 \mathrm{c} ., \mathrm{oz} .25 \mathrm{c} ., 1 / 4 \mathrm{lb} .75 \mathrm{c}$.
Danvers Half-Long. The best sort for general use. Rich, deep orange color; excellent quality; roots taper to a point. A very heavy cropper. (Select stock). Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb}$. 50c., 1b. $\$ 1.50$.
Improved Long Orange. Large variety; used for main crop. Pkt. 10c., oz. 20c., $1 / 4$ lb. 50c., 1b. $\$ 1.25$.
Guerande, or Ox Heart. Stump-rooted; one of the most valuable varieties either for family use or market; fine flavor and color; very productive. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb}$. 50c., 1b. \$1.50.
St. Valery. An excellent variety for private gardens. Grows from 10 to 12 inches long. Pkt. $10 \mathrm{c} ., 0 \mathrm{oz} .20 \mathrm{c} ., 1 / 4 \mathrm{lb} .50 \mathrm{c} .$, , 1b. $\$ 1.50$.
Chantenay. A stump-rooted variety having a large shoulder; very productive. Pkt. 10c., or 20c. $1 / 4 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.50$.

## Caboade $\begin{array}{r}\text { One ounce will produce about } \\ 1500 \text { plants }\end{array}$

For early use sow the seed in hotbeds in February or March, or may be sown about the middle of September, and the plants wintered over in coldframes. Transplant in Spring as soon as ground can be worked, in rows 2 feet apart, the plants 18 inches apart in the rows. For late or Winter use, sow seed in May; set out the plants in July; $21 / 2$ by 3 feet.
Our Cabbage Seeds are all the Best American Grown. Early Winnigstadt. Pointed head, very hardy and sure to head. Pkt. 10c., oz. 30c., $1 / 4$ 1b. $\$ 1.00$.
Early Jersey Wakefield. The best early sort. Medium size, pyramidal shape with rounded peak. Pkt. 10c., oz. 30c., $1 / 4 \mathrm{lb} . \$ 1.00$.
Charleston, or Large Wakefield. Much larger than the above, but not as early. Pkt. 10c., oz. 30c., $1 / 4 \mathbf{1 b}$. $\$ 1.00$.
Copenhagen Market. A round headed sort, early as Wakefield. A standard variety. Pkt. 10c., oz. 35c., $1 / 4$ lb. \$1.25.
All Seasons. A superior variety for second early and late. Pkt. 10c., oz. 30c., $1 / 4$ lb. \$1.00.
All Head Early. The leading early Drumhead variety. Pkt. 10c., oz. 30c., $1 / 4$ lb. $\$ 1.00$.
Hollander, or Danish Ball Head. Excellent Winter sort heads very solid. Pkt. 10c., oz. 30c., $1 / 4$ lb. $\$ 1.00$.
Warren Stone Mason. An improved Stone Mason, earlier, deeper and more solid. Pkt. 10c., oz. 30c., $1 / 4 \mathbf{l b}$. $\$ 1.00$.
Large Late American Drumhead. An excellent late sort, sure heading and splendid quality. Pkt. 10c., oz. 30c., $1 / 4 \mathrm{lb}$. $\$ 1.00$
Premium Flat Dutch. The standard main crop variety. Pkt. 10c., oz. 30c., $1 / 4$ 1b. $\$ 1.00$.
American Drumhead Savoy Improved. The finest Savoy variety, finely curled, large and solid. Pkt. 10c., oz. 30c., $1 / 4$ lb. $\$ 1.00$.
Mammoth Rock Red. Large size, very solid. Pkt. 10c., oz. 40c., $1 / 4 \mathrm{lb}$. $\$ 1.50$.
Pe-Tsai, Chinese or Celery Cabbage. Sown in open ground in July, produces heads resembling Cos Lettuce. Used as a salad or cooked like ordinary Cabbage but must be cooked quickly. Pkt. 10c., oz. 40c.


Cauliflower, Early Snowball

## Cauliffower

Cultivate as directed for Cabbage. In dry weather water liberally. Cauliflower likes a cool, moist situation.
Early Dwarf Erfurt. Very earliest dwarf variety. Pkt 25c., oz. $\$ 3.50$
Early Snowball. A very popular early variety; for family use or market gardeners. Dwarf in habit with short, outer leaves, allowing close planting. Heads white and of finest quality. Pkt. 25c., oz. $\$ 3.00$.
Danish Dry Weather. Heads somewhat larger than Early Snowball with more foliage. Adapted to dry locations where other varieties fail. Pkt. 25c., oz. $\$ 3.50$.
Early Paris. Medium size and sure heading variety. Heads are large, compact, solid and white. Pkt. 15c., oz. $\$ 1.00$
Weitch's Autumn Giant. A popular, large, late variety. Pkt. 15c., oz. \$1.00.


Cabbage, Copenhagen Market

## Celery ${ }^{\text {One ounce will }}$ forduct abo pantse bout

Seed may be sown in the open ground in April. Sow about $1 / 2$ inch deep and firmly press the soil over the seed. After the seed is up, keep carefully clear of weeds until the time of planting, in June or July. After the ground has been well prepared, plant in rows from 3 to 4 feet apart, according to variety, setting the plants about 6 inches apart and pressing the soil firmly about the roots The soil best suited for Celery is a rich, moist loam.
White Plume. Excellent for early use; naturally white. requires little blanching. Pkt. 10c., oz. 35c., 1/4 lb. \$1.25.
Golden Self-Blanching. True French grown stock Similar to the above except that the stalks are a beautiful golden yellow, and much better quality. Easily blanched
by placing boards along each side of rows or may be banked with earth. Pkt. 10c., oz. 75c., $1 / 41 \mathrm{lb}$. $\$ 2.50$.
Winter Queen. Robust growth. medium height. An excellent keeper and desirable for Winter storage. Pkt. 10c., oz. 35c., $1 / 4$ lb. \$1.25.
Boston Market. A dwarf branching variety. Pkt. 10c., oz. 40c., $1 / 4$ lb. $\$ 1.50$
Giant Pascal. An excellent late sort, easily blanched and a good keeper. Pkt. 10c., oz. 40c., $1 / 4 \mathrm{lb}$. \$1.50.
Celeriac, or Turnip-Rooted. Grown exclusively for the roots. Pkt. 10c., oz. 40c., $1 / 4 \mathrm{lb}$. $\$ 1.50$.

## Chicory

Large Rooted. The young leaves may be used as a Spring salad. Dried and prepared roots are used as a substitute for coffee. Sow early in Spring in drills 2 feet apart, thinning to 6 in. Pkt. 10c., oz. 25c., $1 / 4 \mathrm{lb}$. 75 c .
Witloof (French Endive). The leaves and leaf stems are blanched and used as a salad. Sow seed in open ground in May in rows 18 in . apart. Thin plants to 6 in. in row. In Fall roots should be lifted and leaves trimmed $11 / 2 \mathrm{in}$. from crown, remove side shoots and trim roots to about 9 in. Roots are then placed upright in trench 18 in. deep and 2 in. apart, fill trench with fine rich soil. A mulch of manure will hasten growth. Pkt. 10c., $1 / 2$ oz. 25 c ., oz. 40 c .


Witloof Chicory


## Sweet Corn

Plant in hills 3 feet apart each way and five to six kernels in a hill. Hoe often and draw soil up to the stem. Make ground rich with well rotted manure. For succession plantings should be made at intervals from May to July.

Alpha. A week earlier than Mammoth White Cory and equal in quality. Pkt. 20c., 1b. 35c., 2 lbs. 6 5.c.
De Lue's Golden Giant. A yellow corn like Golden Bantam, having ears almost twice as large and several days earlier. Pkt. 20c., 1b. 40 c., 2 lbs. 75 c ., 10 lbs. $\$ 3.50$.
Golden Bantam. Extremely hardy, allowing earlier planting than other varieties. Superior rich flavor. Pkt. 20c., 1b. 35c., 2 lbs. 65c., 10 lbs. $\$ 2.75$.
Charlevoix. In season a few days later than Golden Bantam but remains in condition much longer. Ears about 7 in. long, light creamy yellow color and unsurpassed quality. Pkt. 15c., 1b. 40c., $21 b s .75 \mathrm{c} ., 10 \mathrm{lbs}$. \$2.75.

Potter's Excelsior, or Squantum. Very sweet and tender; one of the finest for main crop. Pkt. 15c., 1b. 30 c ., 2 lbs. $50 \mathrm{c} ., 10 \mathrm{lbs} . \$ 2.2 \mathrm{j}$.
Crosby's Early. Matures after Cory; excellent quality. Pkt. 15c., lb. 30c., 2 lbs. $50 \mathrm{c} ., 10$ lbs. $\$ 2.25$.
Stowell's Evergreen. One of the most popular varieties for main crop. Pkt. 15c., 1b. 30c., 2 lbs. $50 \mathrm{c} ., 10$ lbs. $\$ 2.25$.
Black Mexican. Very sweet and superior quality. Pkt. $15 c ., 1 b .35 c ., 21 b s .65 c$.
Late Mammoth. Large ears, rich and sweet. Pkt. 15 c., $1 \mathrm{~b} .30 \mathrm{c}, \mathrm{S}_{2}$ lbs. 50 c .
Country Gentleman. The sweetest and most tender of all varieties. Pkt. 15c., 1b. 35c., 2 lbs. 65c.

## Field and Fodder Corn

Stickney Eight-Rowed Yellow Canada. Very early, ears measuring 8 to 10 in . long. Small cob and large kernel, very prolific. One of the best adapted sorts for this locality. Lb. 20c., 5 lbs. 60c., 10 lbs. \$1.00, 100 lbs. $\$ 7.00$.
Rhode Island White Cob. A white flint variety popular in this section; good size ear and productive. Lb. 20c., 5 lbs. $60 \mathrm{c} ., 10 \mathrm{lbs}$. $\$ 1.06,100 \mathrm{lbs} . \$ 7.00$.
Longfellow, Eight-Rowed Yellow Canada. Ears average 12 to 15 in . in length. Lb. 20c., 5 lbs. 60c., 10 lbs. $\$ 1.00,100 \mathrm{lbs} . \$ 7.00$.

## Chervil

Curled Chervil. An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May in drills $1 / 2$ in. deep. 1 ft . apart. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c}$.

## Cress, or Peppergrass

A well-known pungent salad; cover very slightly; sow at frequent intervals to keep up a succession; to be used before the flowers appear.
Extra Curled. Very fine; may be cut two or three times. Pkt. 10c., oz. 20c., $1 / 4$ lb. 40 c .
Upland. Hardy perennial; adapted to any soil, wet or dry. A very rapid grower and ready for use very early in the Spring. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb}$. 60c.
Water Cress. Hardy perennial aquatic plant. Pkt. 10c., oz. 40 c .

Evergreen Sweet Fodder. For cutting green for stock.
Eureka. Probably the most popular ensilage variety in this section. Market price.
Improved Leaming. Ears large and handsome, deep grain, small cob. Market price.
Pop Corn, Rice. Choice Eastern grown. Lb. 20c.
Pop Corn, Black Beauty. The earliest maturing variety and ready for popping earlier than any other sort. Pops very large and exceptionally white and tender. Lb. 25c., 2 lbs. 45 c .

## Corn Salad, or Fetticus <br> Used as a salad. Is sown in early Spring in rows a foot

 apart and is fit for use in six or eight weeks from the time of sowing. Large-leaved. Pkt. 10c., oz. 20c., $1 / 41 \mathrm{lb}$. 50c., lb. \$1.50.
## Cucumbers

One ounce to $\mathbf{5 0}$ hills; 2 pounds per acre.
Cucumbers succeed best in warm, rich, sandy loam. Plant when all danger of frost is past, in hills about 4 feet apart each way; the hills should be previously prepared by mixing thoroughly with the soil of each a shovelful of well-rotted manure; sow for pickling from the middle of June to the middle of July.
Improved White Spine. Thick, straight, smooth, shiny
dark green; a general favorite for market or home.
Pkt. 10c., oz. 20c., $1 / 4$ lb. 60c., lb. $\$ 2.00$.
Early Russian. The earliest in cultivation; small and productive. Pkt. $10 \mathrm{c} .$, oz. $15 \mathrm{c} ., 1 / 4 \mathrm{lb} .50 \mathrm{c}$.
Early Cluster. Length about 5 in.; tender and produc-
tive. Pkt. 10c., oz. 15c., $1 / 4 \mathrm{lb}$. 50c.
Boston Pickling. True stock; the best variety for pick-


Cucumber, Improved White Spine
ling. Pkt. 10c., oz. 15c., 1/4 1b. 50c., 1b. \$1.75.
Green Prolific. Excellent for Summer use and for pickling. Pkt. 10c., oz. 15c., $1 / 4 \mathrm{lb} .50 \mathrm{c}$.
Everbearing. Small sized, early and enormously productive. Pkt. 10 c ., oz. $15 \mathrm{c} ., 1 / 4 \mathrm{lb} .50 \mathrm{c}$.
Davis' Perfect. Long, slender, rich dark green. Superb quality. Pkt. 10c., oz. 20c., $1 / 4$ lb. 60c., 1b. \$2.00.
Improved Long Green. 10 to 12 in . in length; dark green; Pkt. 10c., oz. 20c., $1 / 4$ lb. 60c., 1b. $\$ 2.00$.
Japanese Climber. Can be grown either as an ordinary ridge Cucumber or as a climber. Pkt. 10c., oz. 20c., $1 / 4$ 1b. 75c.
English Frame Telegraph. For growing in hotbeds. Pkt. 25c.

## Dandelion

One ounce will sow 100 feet of drill; 2 pounds to one acre
Sow in May or June in drills a foot apart, press the earth firmly over the seed, cultivate during Summer, cover lightly with straw during Winter and the following Spring the leaves will be fit to cut. The roots when dried and roasted are often employed as a substitute for coffee.
Improved Broad-Leaved.
Pkt. 10c. and 25c., oz.
$50 \mathrm{c} ., 1 / 4 \mathrm{lb} . \$ 1.75$.

## Egg Plant

One ounce will produce about 1000 plants
The seed should be sown in hotbeds the first week in April. Plant out about June 1st, about $21 / 2$ feet apart. The Egg Plant will thrive well in any good garden soil.
Black Beauty. Fully ten days earlier than Imp. New York, remarkably healthy growth and large fruit. Pkt. 10c., oz. 75c.
Improved New York Spine less. Quite free from spines, fruit of large size and perfect form; two weeks earlier than the old variety. Pkt. 10c., oz. $\mathbf{7 5 c}$.

## 

Sow in drills 1 foot apart, thin out to 10 inches apart, blanch when the leaves are 9 inches long by drawing together and tying carefully.
Green Curled. Hardy, leaves dark green, tender. Pkt. $10 \mathrm{c} .$, oz. $25 \mathrm{c} ., 1 / 4 \mathrm{lb} .75 \mathrm{c} ., 1 \mathrm{lb} . \$ 2.50$.
Batavian Broad-Leaved. Leaves long and broad, chiefly used in soups. Pkt. 10c., oz. 25c., $1 / 4 \mathrm{lb}$. 75c., lb. $\$ 2.50$.

## Kohl-Rabi

The seeds of this plant may be sown at the same period as the Swedish or Rutabaga Turnip and may be cultivated in the same way, remembering to leave the chief part of thelstems uncovered by the earth. The bulbs may be kept sound and nutritious until late in the Spring, even later that those of Turnips.
Early White Vienna. The best variety. Pkt. 10c., oz. 25c., $1 / 4$ lb. 75c.
Early Purple Vienna. Later than the White Pkt. 10c., oz. 25c., $1 / 1 \mathrm{lb} .75 \mathrm{c}$.


Lettuce, Wayahead

## Leek

One ounce will sow 100 feet of drill
The Leek is very hardy and easily cultivated. Sow in April in drills 1 foot apart, and transplant in July into rows 15 inches apart, and 6 inches apart in the rows. The soil should be rich but not freshly manured. The Leek is a member of the Onion family and the method of cultivation is like the Onion except that it should be grown deeper in the ground.
Large American Flag. The kind mostly grown for market Pkt. 10c., Oz. 25c., $1 / 4$ 1b. 75 c .
Musselburgh. Grows to very large size. Pkt. 10c., oz. 25c., $1 / 4 \mathrm{lb}$. 75 c .

## Mustard

## One ounce to $\mathbf{8 0}$ feet of drill

Sow in shallow drills a foot apart, covering the seeds about a half inch deep. For succession sow every few weeks. The young leaves are used for salad or are cut and boiled like Spinach and the seeds are used for flavoring.
Fordhook Fancy. Leaves dark green, curved outward like a fine ostrich plume. Stands well even in hot weather. Pkt. 10c., oz. 15c., $1 / 4 \mathrm{lb} .45 \mathrm{c}$.
White. Desirable for salads or culinary purposes. Pkt. 5c., oz. 10c., $1 / 4$ 1b. 20c., 1b. 50c.


Muskmelon, Emerald Gem

## Mushrooms


#### Abstract

American Spore Culture Spawn, produced from original spore cultures under the new French process which permits the indefinite production of selected varieties without dilution of the strain, and free of any trace of the parasitic disease of the mushroom. Positively the most vigorous and prolific spawn on the market. Each brick weighs about one pound, and will spawn about 8 square feet of beds. We keep on hand the cream white variety, which is generally preferred in the market. 1 Brick 30c., 10 Bricks $\mathbf{\$ 2 . 5 0}$.




Okra


Leek, Musselburg

## Muskmelon

One ounce to 80 hills; 2 to 3 pounds per acre
Prepare hills 4 to 5 feet apart each way; mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure. When the weather has become warm, plant from 12 to 15 seeds in each hill: afterward thin out, leaving four good plants.
Emerald Gem. Early. Small. flesh deep orange very sweet. The best and most popular sort
for this section.
Pkt. 10c.,
oz. 25c., $1 / 4$ lb. 75 c .
Extra Early Hackensack.
Earlier than Hackensack and not quite as large. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb}$. 60 c .
Tip Top. Medium size, round, yellow flesh. Pkt. 10c., oz. 25c., $1 / 4 \mathrm{lb} .75 \mathrm{c}$.
Golden Netted Gem. One of the earliest, best and most prolific small Melons. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} 60 \mathrm{c}$.
Miller's Cream. Skin very thin, dark green; flesh salmon and excellent flavor. Pkt. 10c., oz. 25c., $1 / 4 \mathrm{lb}$. 75 c.

## Watermelon

One ounce to 30 hills; 4 to
5 pounds per acre
Plant in hills as directed for Muskmelons and treat in all respects the same except that the hills should be about 8 feet apart. Price, all varieties, pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c}$.
Cole's Early. Medium size, flesh bright red, excellent.
Phinney's Early. Early, sweet; flesh deep red.
Kleckley's Sweet. Vines vigorous and productive; flesh bright red and exceedingly sweet.
Hungarian Honey. Very early, nearly round, dark green skin, brilliant red flesh. Citron. For preserves only.

## Nasturtium

The seeds while young and succulent are pickled and used as capers. Sow the seeds in drills 1 inch deep, the tall grown by the side of a fence, or supported by a trellis.
Tall Mixed. Oz. $20 \mathrm{c} ., 1 / 4 \mathrm{lb}$. 50 c ., 1 lb . $\$ 1.50$.
Dwarf Mixed. Oz. 20c., $1 / 4 \mathrm{lb}$. 50c., 1b. $\$ 1.50$.

## Okra, or Gumbo $\begin{gathered}\text { Oneounce } \\ \text { to } 75 \text { hils }\end{gathered}$

Sow early in May, in drills 2 inches deep, setting the plants from 2 to 3 feet apart. Dwarf Green. The best variety for general cultivation Pkt. 10c., oz. 20c., $1 / 41 \mathrm{~b}$. 50c.
Perkins' Mammoth Long-Podded. About 3 feet high; very early and productive. Pkt. 10c., oz. 20c., $1 / 41 \mathrm{lb} .50 \mathrm{c}$.
White Velvet. About $31 / 2 \mathrm{ft}$. high, early and productive. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb}$. 50 c .

## Onions One ounce will sow <br> 100 feet of drill; 6 lbs. per acre

A rather strong, deep, rich, loamy soil is considered most suitable for Onion culture. Prepare ground the previous Autumn by plowing or spading deeply and applying a heavy coat of well-rotted barnyard manure. Sow seed early in Spring in shallow drills 1 foot apart, covering with fine soil. and press down by the use of a light roller or the back of a spade. Thin plants to 4 inches and keep free from weeds.

## Our Onion Seed is all Eastern Grown.

Yellow Globe Danvers. True Buxton type. A standard sort, deep globe-shape, large size, mild flavor and a good keeper. Pkt. 10c., oz. 50c., $1 / 4$ lb. $\$ 1.50$.
Large Red Wethersfield. One of the most productive and longest keeping sorts. Large size, flat, purplish red color. Pkt. 10c., oz. 50c., $1 / 4 \mathrm{lb}$. $\$ 1.50$.
Southport Red Globe. Very early, globe-shape, bright red color, excellent keeper. Pkt. 10c., oz. 50c., $1 / 4 \mathrm{lb}$. $\$ 1.50$.
Southport White Globe. Large, globe-shape, mild flavor and firm; a good keeper. Always commands a high price in market. Pkt. 10c., oz. 60c., $1 / 4$ lb. $\$ 2.00$.
White Portugal. Excellent for family use, and recommended for pickling. Pkt. 10c., oz. 50c., $1 / 41 \mathrm{lb} . \$ 1.50$.
Prizetaker. Globe-shape, very large size, extremely mild flavored; is most satisfactory when sown early in hotbed and transplanted. Pkt. 10c., oz. 50c., $1 / 4 \mathrm{lb} . \$ 1.50$.

## Onion Sets $\begin{gathered}\text { Pricices } \\ \text { varible }\end{gathered}$

## Lb. 5 lbs.

White Sets $\$ 0.35 \$ 1.50$
Yellow Sets ... 35150
Rets.... .35 1.50 Onions....... $\$ 0.35 \$ 1.50$
Red Sets....... . . 35 1.50 Shallots ....... . . 35 1.50


Onion, Yellow Globe Danvers

## Parsnip

One ounce will sow 200 feet of drill; 5 lbs. per acre
Sow as early as possible in drills $21 / 2$ feet apart and half an inch deep, and press the soil firmly over the seed; succeeds best in rich, sandy loam, deeply tilled and avoid fresh manure.
Hollow Crown, or Long-Smooth. The standard sort for gen-


Parsley, Champion Moss Curled apart in the row. A warm, sandy loam is best. early. Pkt. 10c., $1 / 2$ oz. 35c., oz. 60c. $1 / 2$ oz. 30 c ., oz. $50 \mathrm{c} ., 1 / 4 \mathrm{lb}$. $\$ 1.50$. $1 / 2 \mathrm{oz} .30 \mathrm{c} .$, oz. $50 \mathrm{c} ., 1 / 4 \mathrm{lb} . \$ 1.50$. $1 / 2$ oz. 30c., oz. 50c.

## Parsley

One ounce will sow 150 feet of drill
Sow thickly in drills a foot apart and half an inch deep early in the Spring, having soaked seed in tepid water a few hours.
Champion Moss Curled. Fine and unsurpassed for garnishing. Pkt. 10 c ., oz. $20 \mathrm{c} ., 1 / 4 \mathrm{lb} .50 \mathrm{c}$. Plain Leaved. Excellent flavor. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c}$. Hamburg Rooted. Fleshy vegetable root for soups, etc. Pkt. 10c., oz. 25c., 1/4 1b. 75 c .

## Peppers $\begin{gathered}\text { One ounce will produce } \\ \text { about } 2000 \text { plants }\end{gathered}$

Sow the seed in March or April in a hotbed and transplant to open ground as soon as the weather is quite warm, in rows about 20 inches apart and 15 inches

Giant Crimson. Fruits are of largest size; ripen earlier than any other very large sort and average heavier as flesh is exceptionally thick. Plants upright $21 / 2$ to 3 ft . high, larger and more productive than Chinese Giant. Deep crimson color, mild flavor. Pkt. 10c., $1 / 2$ oz. 35 c ., oz. 60c., $1 / 4 \mathrm{lb}$. $\$ 2.00$.
Sweet Mountain. Large size, regular, handsome shape, mild flavor, very
Large Bell. A standard sort, large size, moderately pungent. Pkt. 10c.,
Ruby King. Very mild, fruits 4 to 6 in . long; excellent for stuffing; a very popular sort. Pkt. 10c., $1 / 2 \mathrm{oz}$. 30c., oz. 50c., $1 / 41 \mathrm{lb} . \$ 1.50$.
Neapolitan. Very early, long, thick meated and extremely mild. Pkt. 10c.,
Long Red Cayenne. Bright red, slender pods, very pungent. Pkt. 10c.,
Chili. Very small, red, very pungent. Pkt. 10c., $1 / 2 \mathrm{oz} .40 \mathrm{c} .$, oz. 75 c .
World Beater. A popular early, very large fruited, thick fleshed, mild flavored sort. Plants upright, $21 / 2$ to 3 ft . high. Fruit deep green, turning to deep crimson when mature. Pkt. 10c., $1 / 2$ oz. 30c., oz. $50 \mathrm{c} ., 1 / 4 \mathrm{lb} . \$ 1.50$.

## Potatoes

Pepper, Ruby King
All leading varieties, choice Maine grown stock, at lowest market prices.

Laxtonian. A large podded sort resembling the Gradus, though more dwarf and little earlier. Vines vigorous, growing about 18 in. high, well covered with large, pointed pods, averaging eight or nine to the vine, and nine to ten peas in a pod. Most excellent quality. Pkt. 20c., lb. 40c., 2 lbs. $75 \mathrm{c} ., 10$ lbs. $\$ 3.50$.
Little Marvel. Vines 15 to 18 in. high. Pods about 3 in. long, well filled with deep green peas. Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. $\$ 3.25$.
Gradus. Variety rivaling the First Earlies; produces pods and peas equal to large marrow sorts. Unexcelled in qual ity and flavor. Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. \$2.75.
Thomas Laxton. Resembles the Gradus in size of pod, but darker color. Pkt. 20c., 1b. 35c., 2 lbs. 65c., 10 lbs. $\$ 2.75$
New York Market. Very early and productive. A general favorite among market gardeners; robust in growth; height $21 / 2 \mathrm{ft}$. Pkt. 20c., 1b. 35c., 2 lbs. 65c., 10 lbs . \$2.50.
Alaska, or Earliest of All. The earliest pea in cultivation matures nearly its entire crop at one picking; height $21 / 2 \mathrm{ft}$. Pkt. 20c., 1b. 35c., 2 lbs. 65c., 10 lbs. $\$ 2.50$.
American Wonder. One of the earliest wrinkled Peas, dwarf and robust in growth, pods long and well filled; height 10 to 12 in. Pkt. 20c., 1b. 35c., 2 lbs. 65c., 10 lbs. $\$ 2.75$.
Sutton's Excelsior. One of the largest podded dwarf sorts. Excellent quality and heavy cropper. Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. $\$ 2.75$
Nott's Excelsior. An excellent dwarf wrinkled Pea, robust, vigorous. Peas and pods large. Pkt. 20c., 1b. 3 je., 2 lbs. $60 c ., 10$ lbs. $\$ 2.50$.
New Dwarf Champion. A sort with all the merits of the Champion of England. Height 26 in.; matures little after Little Gem. Pkt. 20c., 1b. 35c., 2 1bs. 65c., 10 lbs. $\$ 3.00$.
Telephone. A very popular variety, height $31 / 2 \mathrm{ft}$. Pods 5 to 7 in . long, containing 8 to 12 peas of unequaled flavor. Pkt. 20c., 1b. 35c., 2 lbs. 65c., 10 lbs. $\$ 2.75$.
Everbearing. A branching and everbearing sort. Height $3 \mathrm{ft}$. ; pods long, dark green and usually in pairs well filled with large peas of excellent quality. Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.25.
Giant Sugar. Pods 5 to 6 in . long; cooked same as string beans. Pkt. 20c., 1b. 40c., 2 lbs. 75c.

## Rhubarb

Sow in drills 1 inch deep and thin plants to 6 inches apart. In Fall transplant into rich soil, setting from 4 to 6 feet apart.
Myatts Victoria. Pkt. 10c., oz. 20c., 1 ¹ $\mathbf{1 b}$. 50c.


Radish, Early Scarlet Globe


Peas, Laxtonian

## Pumpkins

Pumpkins are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills 8 feet apart.
Yellow Sugar. Very sweet; an excellent table sort. Pkt. $5 \mathrm{c} .$, oz. $15 \mathrm{c} ., 1 / 4 \mathrm{lb} .35 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.00$.
Connecticut Field. For feeding stock. Pkt. 5c., oz. 15c., $1 / 4 \mathrm{lb} .35 \mathrm{c} ., 1 \mathrm{~b} .75 \mathrm{c}$.
Large Cheese, Flat. One of the best varieties for family use. Pkt. $10 \mathrm{c} .$, oz. $25 \mathrm{c} ., 1 / 4 \mathrm{lb}$. 35c., 1b. $\$ 1.00$.
Mammoth. Grows to immense size. Pkt. 10c., oz. 25c.

## RADISHES

One ounce will sow
100 feet of drill
Radishes require a light, rich, sandy soil. For an early supply sow in a hotbed in February, care being taken to give plenty of ventilation. For a successive supply sow from the middle of March until September, at intervals of two or three weeks.
Early Scarlet Globe. For forcing in greenhouses, hotbeds and coldframes or open ground sowing, this is one of the very best globe-shaped, fine scarlet color, crisp, mild and tender. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.25$.
French Breakfast. Olive-shaped, bright scarlet, white tipped. A favorite sort. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c} ., \mathbf{1 b} . \$ 1.25$.
Long Scarlet, Short Top. Long, smooth, crisp and tender Pkt. 10c., oz. 20c., $1 / 41 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.25$.
Scarlet Turnip, White Tipped. Very early, excellent quality. Pkt. 10c., oz. 20c., $1 / 4$ 1b. 50c., 1b. $\$ 1.25$.
White Box. Turnip-shaped white sort, quick growing, excellent quality. Pkt. 10c., oz. 20c., $1 / 41 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.25$.
White Giant Stuttgart. Top-shape, white skin and flesh; Summer variety, but does not become pithy and can be stored for Winter. Pkt. 10c., oz. 20c., $1 / 4$ 1b. 50c., 1b. \$1.25.
Long Black Spanish. An excellent Winter sort. Pkt. 10c., oz. 20c., $1 / 4$ 1b. 60c., 1b. $\$ 2.00$.
Round Black Spanish. A Winter variety. Pkt. 10c., oz. 20c., $1 / 4$ lb. 60c., 1b. $\$ 2.00$.
rcicle. Long, white, rapid growing. Pkt. 10c., oz. 20c., $1 / 41 \mathrm{lb}$. 50c., lb. \$1.25.


Spinach, Giant Thick-Leaved

## Salsify, or Oyster Plant <br> One ounce to 50 feet of drill

The Salsify has a long white, tapering root, resembling a small Parsnip; when properly cooked it has the flavor of an oyster, and is a good substitute. Sow early in drills 15 inches apart; cover the seeds an inch and a half deep in light, well enriched soil, worked to a good depth, avoiding coarse and fresh manure. Roots are hardy and improved by frost.
Sandwich Island. Grows to a large size; very mild flavor. Pkt. 10c., oz. 25c., $1 / 4 \mathrm{lb}$. 75c.

## Spinach <br> One ounce to 100 feet of drill

For Summer use sow early in March in drills 15 inches apart, and for succession at intervals of a fortnight. For Winter use, sow late in August. The soil should be heavily manured and deeply trenched.
Giant Thick-Leaved. A strong-growing, early market variety; large thick leaves, deep green color. The best for Spring or Fall sowing. Pkt. 5c., oz. $10 \mathrm{c} ., 1 / 4 \mathrm{lb} .25 \mathrm{c} ., 1 \mathrm{~b} .75 \mathrm{c}$.
Bloomsdale. Savoy-leaved, very early and one of the best for Fall or early Spring planting; leaves dark green, medium size and crumpled, much like the Savoy cabbage. Pkt. 5 c ., oz. $10 \mathrm{c} ., 1 / 41 \mathrm{~b} .25 \mathrm{c}, 1 \mathrm{lb} .75 \mathrm{c}$.

## Squash

Bush sorts, one ounce to 50 hills; 6 pounds per acre
Running sorts, one ounce to $\mathbf{1 6}$ hills; 4 pounds per acre
The Squash is a very tender vegetable, sensitive to cold, and cannot in our climate be planted before the middle of May. Plant in rich soil, in hills prepared similar to those for Cucumbers. All sorts, thinned to not over three plants to a hill. Giant Summer Crookneck. Larger than the ordinary Summer Crookneck. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb}$. $\$ 1.50$.
Golden Summer Crookneck. Golden yellow fruit, early and prolific. Pkt. $10 \mathrm{c} .$, oz. $20 \mathrm{c} ., 1 / 41 \mathrm{lb} .50 \mathrm{c}$., 1b. $\$ 1.50$.
White Bush Scallop. Early; a good market sort. Pkt. 10c., oz. 20c., $1 / 4$ lb. $50 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.50$.
Yellow Bush Scallop. Yellow, flat, scalloped edge. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.50$.
Essex Hybrid. A fine tall variety. Turban type. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb}$. 50c., 1b. $\$ 1.50$.
Early Prolific Marrow. The earliest and most productive Fall and early Winter variety. Pkt. 10c., oz. 20c., $1 / 4$ 1b. 50c., 1b. \$1.50.
Boston Marrow. A good keeping Winter sort, Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.50$.
Delicious. A Fall and Winter variety. Medium size, thick, bright yellow flesh; excellent flavor. Pkt. 10c., oz. 20c., $1 / 4$ lb. 60c., 1b. $\$ 2.00$.
Chicago Warted Hubbard. A selection of the Hubbard, dark green warted shell. Large size and excellent quality. Pkt. 10c., oz. 20c., $1 / 41 \mathrm{lb}$. 60c., 1b. $\$ 2.00$.
Golden Hubbard. Similar to the standard sort except in color. Pkt. 10c., oz. $20 \mathrm{c} ., 1 / 4 \mathrm{lb} .60 \mathrm{c}$., 1b. \$2.00.
Hubbard. The standard Winter Squash. Pkt. $10 \mathrm{c} .$, oz. 20c., $1 / 4 \mathrm{lb} .60 \mathrm{c}, \mathrm{lb}$. $\$ 2.00$.
Symmes Blue Hubbard. Bluish green skin: golden orange flesh; very dry and excellent keeper. Pkt. 10c., oz. 25c., $1 / 4 \mathrm{lb} .75 \mathrm{c} ., 1 \mathrm{lb} . \$ 2.50$.
Vegetable Marrow (English). Pale straw color. changing darker. White flesh. About 9 in. long Pkt. 10c., oz. 25c., $1 / 4 \mathrm{lb} .75 \mathrm{c}$.
Cocozelle, Italian Vegetable Marrow. Mottled dark and light green, 12 to 20 in. long. Pkt. 10c., 07. 25c., $1 / 4 \mathrm{lb} .75 \mathrm{c}$.

Victoria. Leaves large, thick, dark green. Becomes fit for use early and remains in condition a long time. A favorite for Spring or Fall sowing. Pkt. 5c., oz., 10c., $1 / 4$ 1b. 25c., 1b. 75c.
New Zealand. Entirely distinct variety; produces a large quantity of leaves; for Summer use. Sow early in Spring and when cut branches out and makes new growth, producing until frost. Pkt. $10 \mathrm{c} .$, oz. $20 \mathrm{c} ., 1 / 4 \mathrm{lb} .40 \mathrm{c}$., 1 lb . \$1.00.

## Tobacco

## One ounce will produce plants for one acre

Sow broadcast in hotbeds or open ground soon as ground can be worked. Keep free from weeds and water freely in dry weather. Set out about June 1st 3 feet apart on highly manured ground.
Connecticut Seed Leaf. A hardy variety adapted to growing in the northern states. Pkt. 10c., oz. 50c.
Havana. The leaf is very thin and fine texture. Pkt. 10c., oz. 50c.

## Herbs

## Packages 10c.

Anise, oz. 15c.; Basil, oz. 20c.; Caraway, oz. 10c.; Dill, oz. 15c.; Florence Fennel, oz. 25c.; Lavender, oz. $50 \mathrm{c} . ;$ Sweet Marjoram, oz. 30c.; Rosemary, oz. 50c.; Rue, oz. 35c.; Sage, oz. 30c.; Savoy, Summer, oz. 30c.; Thyme, oz. 40 e.; Sorrel, oz. 25c.


Squash, Hubbard


Tomato, Bonny Best

## Turnips

One ounce will sow 150 feet of drill; one pound per acre in drills, 2 to 3 pounds broadcast
For Summer use, sow early in the Spring in drills and thin out to 8 inches. For Fall and Winter, sow from July to September. Rutabagas should be sown in June or early in July, in drills 18 inches apart; thin out when large enough, 6 to 9 inches apart in drill, according to size.
Extra Early Purple Top Milan. The earliest Turnip. White, flat, medium size. Pkt. 10c., oz. 20c., $1 / 4 \mathrm{lb} .60 \mathrm{c}$.
Red Top Strap Leaf. A popular, quick-growing sort. Pkt. $10 \mathrm{c} ., \mathrm{oz} .15 \mathrm{c} ., 1 / 4 \mathrm{lb} .40 \mathrm{c} ., 1 \mathrm{lb} \mathrm{r}^{75} \mathrm{c}$.
White Egg. Rapid growth, pure white, egg-shaped, finegrained. Pkt. 10c., oz. $15 \mathrm{c} ., 1 / 4 \mathrm{lb} .40 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.25$.
Golden Ball. Medium size and excellent quality. Pkt. 10c., oz. 15c., $1 / 41 \mathrm{lb} .40 \mathrm{c} ., 1 \mathrm{lb}$. $\$ 1.00$.
Cow Horn. Flesh white, fine grained, a good table sort. Pkt. 10c., oz. 15c., $1 / 41 \mathrm{lb} .40 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.20$.
Budlong White Rock. Much smoother than the old type. White flesh, mild and sweet. Pkt. 10c., oz. 15c., 1/4 lb. 40c., lb. \$1.00.
Twentieth Century Rock. Fully three weeks earlier than the Budlong. Excellent quality and a remarkable keeper. Pkt. $10 \mathrm{c} .$, oz. $15 \mathrm{c} ., 1 / 4 \mathrm{lb} .40 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.00$.
Sweet German. Flesh white, sweet and mild flavored Pkt. 10c., oz. 15c., $1 / 4$ 1b. 40c., lb. $\$ 1.00$.
Improved American. Yellow flesh, excellent quality. Pkt. 10c., oz. 15c., $1 / 4 \mathrm{lb} .40 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.00$.

## Vegetable Roots and Plants

Asparagus, Martha Washington. A rust-resisting variety shoots are large, straight, dark green. Heads tight and very firm. Extra strong, 2-yr.-old roots, $\$ 2.50$ per 100 , \$22.50 per 1000.
Rhubarb Roots, Victoria. Strong divisions. Each 25c., doz. \$2.50.
Horseradish, Maliner Kren. Strong cuttings. Doz. 25c., $\$ 1.50$ per 100.
Cabbage, Celery, Lettuce. Doz. 25c., $\$ 1.50$ per 100.
Cauliflower, Pepper, Tomato. Doz. 35c., \$2.00 per 100.
Eggplant. Doz. 50c.
Sweet Potato Plants. Early in June. \$1.00 per 100.

## Tomatoes

One ounce will produce about 2000 plants
The seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and $1 / 2$ an inch deep. When the plants are about 2 inches high, set out in boxes, 3 inches deep, 4 inches apart, in another hotbed, or pot singly. If transplanted a second time will be stocky and branching. When the weather has become mild, transplant into warm, light, rich soil, 4 feet apart.
John Baer. Few days later than Earliana. More uniform, attractive and productive. The most profitable extra early variety. Pkt. 10c., oz. 50 c ., $1 / 4 \mathrm{lb}$. $\$ 1.50$.
Bonny Best. Almost as early as John Baer. Smooth, uniform fruit, bearing well until frost. Pkt. 10c. oz. 50c., $1 / 4 \mathrm{lb}$. $\$ 1.50$.
Earliana. The earliest large red Tomato. A favorite among market gardeners. Pkt. 10c., oz. 50c., $1 / 4$ 1b. $\$ 1.50$.
Chalk's Early Jewel. Medium early, bright scarlet. ripening up to the stem without cracks or green core. Pkt. $10 \mathrm{c} .$, oz. $50 \mathrm{c} ., 1 / 4 \mathrm{lb}$. $\$ 1.50$.
Acme. Very early, smooth, color purplish-pink. Pkt. 10c., oz. $40 \mathrm{c} ., 1 / 4 \mathrm{lb} . \$ 1.25$.
Livingston's Globe. Large purple fruit, excellent quality. Pkt. 10c., oz. 50c., $1 / 4 \mathrm{lb} . \$ 1.50$.
Dwarf Champion. A distinct variety; robust, short jointed; fruit early, medium size, crimson color. Pkt. 10c., oz. 50c., $1 / 41 \mathrm{lb} . \$ 1.75$.
Dwarf Stone. Large fruited dwarf sort. Color. bright scarlet. Pkt. 10c., oz. 50c., $1 / 4 \mathrm{lb} . \$ 1.50$.
Dwarf Giant. True dwarf type with rich purple crimson fruit, large size, solid and meaty. Pkt. 10c., $1 / 2$ oz. 35c., oz. 60c.
Stone. A remarkable main crop variety; robust, solid and very little seed capacity, very productive; quality unexcelled. Pkt. 10c., oz. 40c., $1 / 4$ lb. \$1.25.
Ponderosa. The largest variety in cultivation. Pkt. 10c., oz. 60c., $1 / 41 \mathrm{lb}$. $\$ 1.75$.
Golden Queen. A large, smooth, yellow variety. Pkt. 10c., oz. 50c.
Strawberry (Husk). A favorite preserving sort. Pkt. 10c., oz. 40 c .
Yellow Plum, Red Plum, Red Peach. Pkt. 10c., oz. 50c.


Turnip, Budlong White Rock

## Bird Seed

Extra Recleaned
Lb. 10 lbs
Canary, Sicily . . . . . . . . . . . . . . . . . . . . . . . . . $\$ 0.20$. $\$ 1.50$
Rape, Ger. Summer........................... . 20 1.50

Sunfiower ... 20
Millet $\qquad$ 20
Millet 10
Rice, Unhulled
20
Maw.
$1 / 1 \mathrm{lb} .15 \mathrm{c}$.,
.40
Lettuce
$1 / 4 \mathrm{lb} .15 \mathrm{c} .$,
.50
Washed Silver Sand. ......... Pkg. 15c.
Cuttle Fish..................... 3 for 10c.

## Grains, Etc.

## Subject to Change in Price.

Buckwheat, Japanese Early. Immense cropper Bu. $\$ 3.00$.
Barley. Two-rowed. Select stock. Bu. \$2.00.
Beardless. Earlier than any bearded sort, better feeding and as productive. Bu. \$2.50.
Spring Rye. Sow 1 to $11 / 2 \mathrm{bu}$. to the acre. Bu. $\$ 4.00$.
Oats. Various sorts at market price.
Canada Field Peas. Valuable for cattle feeding, excellent for ensilaging, or sown broadcast in the Spring and harrowed in. Lb. $15 \mathrm{c} ., 100 \mathrm{lbs} . \$ 9.00$.
Vetches. Spring sown, mixed with oats for soiling. Lb. 15 c ., $100 \mathrm{lbs} . \$ 10.00$.
Vetches. Winter sown, in Fall with Rye for early fodder or plowing under. Lb. 20c., 100 lbs. $\$ 18.00$.
Spring Wheat. Marquis type. Bu. \$4.00.
Rape, Dwarf Essex. A prolific foliage plant for sheep pastures. Sow 5 lbs to the acre in drills. Lb. 20c., 10 lbs. $\$ 1.60$.

## Grass Seed

Prices May Change As the Season Advances.
Rhode Island Bent. One of the best grasses for lawns in adapting itself to almost any soil, dry, moist or sandy. Valuable for permanent pastures. Lb. \$1.00.
Kentucky Blue (Poa pratensis). A superior grass for pastures and lawns. Succeeds well in all soils and stands dry weather well. Lb. 75c.
Orchard Grass (Dactylis glomerata). One of the earliest grasses and very hardy. Should be sown with Red Clover, as it blossoms about the same time. It is very productive and makes excellent hay. Grows well in shady woodlands, but do not use it for lawns. Lb. 40c.

## GRASS SEEDS-Continued

Timothy (Phleum pratense). A variety well known and highly appreciated. Produces large hay crops if grown on moist, clayey soil. Market price.
Red Top (Agrostis vulgaris). A hardy perennial grass, succeeding best on moist land. Used extensively in all pasture mixtures, remaining green the greater part of the.year. Recleaned. Lb. 50c.
Sweet Vernal (Anthoxanthum odoratum). A perennial grass used in pasture mixtures. Lb. 75c.
Tall Meadow Oat Grass (Avena elatior). An early grass much relished by cattle and produces an abundant supply of foliage. It is hardy and valuable for pasture. Lb. 40 c .
Hard Fescue (Festuca duriuscula). One of the best dwarf grasses; excellent for dry soil. Hardy and withstands long periods of drought. Lb. 40c.
Meadow Fescue (Festuca pratensis). A valuable grase for permanent pastures. Very productive and nutritious. Lb. 40c.
Crested Dog's Tail (Cynosurus cristatus). An excellent grass for hilly situations and shady parts of lawns, thriving best on rich, moist land. Lb. 65c.
Rough Stalked Meadow Grass (Poa trivialis). Produces an abundant crop of highly nutritious herbage. Grows well on rich, moist lands and sheltered situations.
Sheep's Fescue (Festuca ovina). An excellent grass for sheep pasture. Perfectly hardy, dwarf, compact growth. Lb. 40c.
Fine-Leaved Fescue (Festuca ovina tenuifolia). Adapted to dry soils.
Red Fescue (Festuca rubra). Suitable for sandy soils and at the seashore. Lb. 60c.
Meadow Foxtail (Alopecurus pratensis). One of the earliest and best pasture grasses; grows rapidly when cut or eaten down by stock. Should only be sown with other grasses. Lb. 60c.
Creeping Bent (Agrostis stolonifera). One of the best lawn grasses; succeeds well in deep soils.
Wood Meadow Grass (Poa nemoralis). Chiefly used for shaded positions in lawns and woodland parks, where other grasses will not grow.
English Rye Grass (Lolium perenne). A very nutritious, rapid growing grass. Valuable for meadows and pastures. Lb. 30c.

## Clovers

Alfalfa (Lucerne). Requires a deep, rich soil, and in such will produce several crops each season; one of
 the best green fodder plants; 10 to 15 lbs. to the acre. Lb. 40 c .
Alsike Clover (Trifolium hybridum). Resembles in growth, duration, etc., the Red Clover; thrives well in cold, wet and stiff soils; 10 lbs. to the acre. Lb. 45c.
Medium Red Clover (Trifolium pratense). Is a perennial, but of very few years' duration; is considered the most nutritious of all species and most valuable in moist locations. Lb. 60c., 100 lbs. $\$ 50.00$.
White Clover (Trifolium repens). Valuable for lawns and pastures. Lb. 75c.
Crimson Clover (Trifolium incarnatum). Sown at the last of Summer or early Autumn; it furnishes a very early green fodder; excellent for soiling; 20 lbs. to the acre. $\mathbf{L b} \mathbf{~} \mathbf{3 5} \mathbf{c}$.

## Millets

Southern Golden. Medium early; height 3 to 5 feet; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough, bristly sheaths. Bushel ( 50 lbs.)
Hungarian Millet (Panicum germanicum). One of the most valuable annual soiling plants. It will grow in any ordinary soil, withstands drought well, and in this latitude may be sown as late as the first of July and produces a large green crop; $11 / 2$ bushels to the acre. Bushel ( 48 lbs.)
Japanese. A new millet, very productive if sown early and cut; usually produces a good second crop. Has produced six tons dry hay per acre. Sow one bushel to the acre. Lb. $15 \mathrm{c} ., 100 \mathrm{lbs}$. $\$ 9.00$.

## Lawn Grass Mixtures

(See second page cover)
Park Lawn Grass Mixture. $1 / 2$ lb. 35c., lb. 60c., 21/2 lbs. $\$ 1.40,5$ lbs. $\$ 2.75,20$ lbs. $\$ 10.00,100 \mathrm{lbs} . \$ 50.00$.
Shady Nook Grass Mixture. $1 / 2$ lb. 40c., 1b. 75c., $21 / 21 \mathrm{lbs}$. $\$ 1.75,5$ lbs. $\$ 3.00,20$ lbs. $\$ 11.00$

## Selected Flower Seeds

Our stock of flower seeds has been selected to supply the wants of a critical florists' trade and our cus. tomers may be sure of receiving nothing but seeds of the finest quality. All flower seeds in packages, ounces, and quarter pounds mailed free at prices; larger quantities, add at Parcel Post zone rates. Pkt.

ABRONIA umbellata (Sandverbena). Trailing annual; rose color adapted to dry, poor soil. . . . $\$ 0.10$
ACONITUM napellus (Monkshood). Free-flowering hardy plant; does well in shade; 2 ft .
ACROCLINIUM. Graceful, everlasting for Winter bouquets. Flower heads should be gathered when young if to be preserved.
White, rose, and mixed colors
ADLUMIA cirrhosa. Beautiful climber, flowers pink; height 15 ft .
ADONIS aestivalis (Flos Adonis). Very attractive annual, with bright crimson flowers.
GERATUM. Beautiful, hardy annual of neat, bushy habit. Very desirable for outdoor bedding, being covered with bloom nearly all Summer.
Blue Perfection. Deep blue. $1 \mathrm{ft} .1 / 4 \mathrm{oz} .35 \mathrm{c}$.
Imperial Dwarf. Blue, $3 / 4 \mathrm{ft}$. $1 / 4 \mathrm{oz}$. $25 \mathrm{c} . .$.
Imperial Dwarf. White, $3 / 4 \mathrm{ft}$.
Imperial Dwarf. Mixed. 1/4 oz. 25c.
AGROSTEMMA. Free blooming plants, culture easy.
coelirosa (Rose-of-heaven). Hardy annual; bright rose; 18 in
coronaria (Mullein Pink). Hardy perennial, dark blood-red; 2 ft .; fine for cutting
AL YSSUM. Dwarf growing, hardy annuals blooming profusely throughout the season. Desirable for beds, borders and vases.
maritimum (Sweet Alyssum). Fragrant white, 10 in. Oz. 30c.
Little Gem. Dwarf white, 6 in . $1 / 4 \mathrm{oz} .25 \mathrm{c}$., oz. 75 c .
Carpet of Snow. Pure white, very dwarf and sweet. 4 in. $1 / 4 \mathrm{oz} .35 \mathrm{c}$
saxatile compactum (Gold Dust). Bright yellow. Spring flowering hardy perennial; 9 in . $1 / 4 \mathrm{oz} .25 \mathrm{c}$.
AMMOBIUM alatum grandiflorum. A beautiful everlasting annual
AMARANTHUS. Brilliant foliaged annuals with showy racemes of flowers very ornamental and attractive in borders.
Bicolor rubra. Scarlet and orange foliage. $1 / 4 \mathrm{oz}$. 25 c .
caudatus (Love-lies - bleeding). Dark red. i/4 oz. 25c.
Tricolor (Josephs-coat). Variegated crimson, yellow and green. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.


Alyssum, Carpet of Snow


Aster, Semple's Branching

## Asters

One of the most highly prized and best known annuals. Seed should be sown from middle of March to first of May and when an inch high, transplanted into pots or boxes and plant out in open ground last of May. Ground should be well manured and thoroughly worked. Seed sown in open ground from middle of April until June makes excellent plants for later blooming.

## SEMPLE'S BRANCHING

A very strong growing type of Aster, stems long, bloom full petaled, large and fine form. The petals are long, broad and of exceptional substance, height $21 / 2$ feet. Distinctly branching in habit and free from blight.

|  | $/ 8$ oz. Pkt. |  | $1 / 8$ oz. | Pkt. |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| White $\ldots . .$. | $\$ 0.40$ | $\$ 0.10$ | Lavender...... $\$ 0.40$ | $\$ 0.10$ |  |
| Shell Pink...... | .40 | .10 | Purple......... | .40 | .10 |
| Rose Pink...... | .40 | .10 | Mixed........ | .40 | .10 |

## GIANT BRANCHING COMET

Flowers extra large, with long, wavy, curled petals, long stems and branching habit. $21 / 2$ feet.


## THE KING

(Needle-type). Vigorous growth, long stiff stems; branching habit. Flowers large, petals quilled and those in center being curled and incurved.

$$
1 / 8 \mathrm{oz} . \text { Pkt. }
$$

Pure White... $\$ 0.50 \$ 0.10$
Pure White.... $\$ 0.50 \$ 0.10$ Pink, delicate. . $\$ 0.50 \$ 0.10$
Violet.......... . 50 . 10 Mixed......... . . 50 . 10

## QUEEN OF THE MARKET

The earliest flowering variety; stems long and an excellent variety for cutting.

|  | $1 / 8 \mathrm{oz}$. Pkt. |  | 1/8 oz. Pkt. |
| :---: | :---: | :---: | :---: |
| White | . \$0.40 \$0.10 | Light Blue | \$0.40 \$0.10 |
| Flesh Colo | . 40.10 | Dark Blue. | .40 . 10 |
| Rose. | .40 .10 | Mixed. . | . 40 . 10 |



Aquilegia
ANCHUSA capensis (Summer For- Pk $t$. get-me-not). Border plant with branched heads of azure-blue with white eye. Sown in April blooms in July. Hardy annual. 2 ft .
\$0.10
Dropmore variety. One of the best blue perennials, flowers borne on graceful stems and continuous blooming. $1 / 8 \mathrm{oz}$. 25 c.
ARMERIA formosa (Thrift or Sea Pink). Hardy perennial, excelcellent for edging or rockeries.
ARCTOTIS grandis. Hardy annual. Daisy-like, pure white flowers with light blue center. $21 / 2 \mathrm{ft}$. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.


Antirrhinum

## AntirrhinumSnapdragon

Half hardy perennial treated as an annual. One of the finest flowers for cutting; spikes long, gorgeously colored. Seed sown in February or March will bloom from July until frost. May also be sown in open ground in April for blooming in August.
Nanum grandiflorum. Large flowering, medium Pkt. height varieties; $21 / 2 \mathrm{ft}$. The best type for general use.
Golden Queen. Clear yellow. $1 / 8 \mathrm{oz} .35 \mathrm{c} . . . . . .{ }^{2} . \$ 0.10$ Grenadier. Orange-scarlet, white tube. $1 / 8 \mathrm{oz} .35 \mathrm{c} . ~ .10$ Purity. Pure white. $1 / 8$ oz. 35c. Silver Pink. Pearly pink, seemingly covered with a silver sheen. $1 / 8 \mathrm{oz} .35 \mathrm{c}$. 10 Mixed Colors. $1 / 8 \mathrm{oz} .35 \mathrm{c}$ .10

Majus grandiflora. Tall growing. 3 ft .
Queen Victoria. Pure white. $1 / 8 \mathrm{oz} .35 \mathrm{c}$. majus grandiflora, mixed. 1/8 oz. 25 c .
Tom Thumb. Dwarf varieties. $1 / 2 \mathrm{ft}$.
album. White
roseum. Pink

Tom Thumb, Mixed. $1 / 8$ oz. 35 c .
.10

ASPERULA. Adapted to border or rockwork; sweet scented, long bloomers. Will grow in poor soil or shaded places.
setosa azurea. Light blue. 1 ft. $1 / 4 \mathrm{oz} .25 \mathrm{c} . .$. . . . . . . . 10
odorata (Woodruff). White. $11 / 2 \mathrm{ft} . . . .$.
ASPARAGUS sprengeri. Excellent for hanging bas-
 plumosus nanus. Fine feathery foliage, very at-
tractive for pot plants. 100 seeds $\$ 1.00 \ldots . \ldots$.

## Aquilegia-Columbine

Free blooming hardy perennials; thrives best in a moist situation.
Long-spurred Scott Elliotts Hybrids, Choice Mixed.
The finest strain in existence. Colors are unique and Pkt. very striking. $21 / 2 \mathrm{ft} . \quad 1-16 \mathrm{oz} .50 \mathrm{c}$. $\$ 0.25$
Single Mixed. $1 / 8$ oz. 25 c . . 10
Double Mixed. $1 / 8 \mathrm{oz} .25 \mathrm{c}$
10

## Balsam

Very popular annuals, producing a brilliant array of colors. Sow in open ground in May and transplant two or three times, allowing not less than 18 inches between plants at the last transplanting, as plants must not be crowded. Pkt.
Improved Camellia-flowered. Pure white. . . . . . . . . $\$ 0.10$

BALLOON VINE. A very rapid growing climber,
producing curious shaped capsules. Oz. 15 c .
BARTONIA aurea. Beautiful annuals, flowers golden yellow and very fragrant in the evening. Succeeds well in partial shade. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.
BEGONIA. Excellent for Summer and Autumn blooming; both flowers and foliage have a bright waxy appearance.
Vernon. A beautiful plant for beds and borders; withstands heat and drought remarkably..
BELLIS perennis (Double Daisy). Highly prized perennials for borders and edging.
NEW GIANT DOUBLE DAISIES. Enormous double flowers 2 to $2^{1 / 2} \mathrm{in}$. in diameter.

Double Giant rosea. $1-16 \mathrm{oz}$. 75 c ..
Double Giant alba. White. $1-16$ oz. 75 c .
Double Giant Mixed. $1-16 \mathrm{oz}$. 50 c .
Finest Mixed. $1 / 8$ oz. 50 c
browallia elata. Mixed. Excellent for cutting; colors white and pale blue
CALENDULA (Pot Marigold). Very robust. Free flowering annuals, excellent for pots or bedding.
Meteor. Double, light orange striped. $11 / 2 \mathrm{ft} .1 / 2$ oz. 25 c .
Orange Giant. Large, deep orange. $1 / 2 \mathrm{oz} .25 \mathrm{c}$
Sulphur Crown. Large sulphuryellow. $1 / 2 \mathrm{oz} .25 \mathrm{c}$,
Ball's Strain. Special forcing stock. Orange, light center. 1/8 Oz. 75 c .
Mixed. All sorts. $1 / 2$ oz. $25 \mathrm{c} . .$.


Calendula

CALCEOLARIA hybrida. Choice Pkt mixed. Recommended for greenhouse plants, with beautiful striped, blotched and variegated flowers
.$\$ 0.25$
CALLIOPSIS. Very free-flowering annuals, producing a gorgeous display in various shades of yellow and brown. Excellent for cutting.
drummondi (Golden Wave). Yellow, maroon center. 1/4 oz. 25c..
coronata maxima. Large yellow. $1 / 4$ oz. 25 c. .
Finest Mixed. $1 / 2 \mathrm{oz} .25 \mathrm{c} . .$.
lanceolata. Bright yellow perennial. $1 / 4 \mathrm{oz} .25 \mathrm{c}$..
Campanula $\binom{$ Canterbury- }{ bells }


Candytuft

Very attractive, hardy biennials, showy for borders. Pkt.
medium. Single Mixed. 1/4 oz. 35c.
$\$ 0.10$
medium. Single White. 1/8 oz. 40c
medium. Single Blue. $1 / 8 \mathrm{oz} .40 \mathrm{c}$. .10
medium
medium. Single Striped. $1 / 8 \mathrm{oz} .40 \mathrm{c}$
medium. Double Mixed. 1/8 oz. 40 c
medium. Double Blue. 1/8 oz. 50 c ..
medium. Double Rose. $1 / 8 \mathrm{oz} .50 \mathrm{c}$.
medium. Double White. 1/8 oz. 50c .50c..... 10
calycanthema. Mixed. (Cup-and-saucer). 1/8 oz. 40 c .
alycant
Blue. 1/8 oz. 50c.............
calycanthema. White. $1 / 8 \mathrm{oz} .50 \mathrm{c}$
Rose. 1/8 oz. 50c.

## Candytuft

Free flowering, showy annuals; excellent for borders and valuable for cutting.
$1 / 4 \mathrm{oz}$. Pkt.
Giant Hyacinth Flowered. Pure white. . . $\$ 0.25 \$ 0.10$
Lilac. Shading to purple
10
Rose. Attractive
$25 \quad .10$
Flesh Color. Very delicate.
Crimson. Very beautiful
$\square$
Mixed. Annual
.25
.10

Hardy Perennial. Pure white. 1/8 oz. 50c. . .. . 15
CARDINAL CLIMBER. A rapid growing annual climber with deeply laciniated leaves and numerous small glowing scarlet flowers. $1 / 8 \mathrm{oz} .25 \mathrm{c} .$.
CANNA. Very showy foliage and brilliant flowering plants, desirable for large beds.
Crozy's Large Flowering Dwarf. Mixed.......

## Carnations

Excellent for pots and open border culture.
Marguerite. This variety blooms in four months from sowing of seed; flowers large and fragrant. Finest mixed. $1 / 8 \mathrm{oz} .30 \mathrm{c}$

CINERARIA hybrida. Ornamental plants


Chrysanthemum carinatum ${ }_{4}^{6}$ for greenhouse or conservatory. Seed should be sown from July to September.
Improved Dwarf Large Flowering. In excellent range of colors.
Improved Dwarf Cactus Flowered. Very fine colors; petals narrow and twisted..
grandiflora Mixed. Half high; beautiful colors..
maritima (Dusty-miller). Silver foliage
COBAEA. Rapid growing climbing vines with handsome dark green foliage and bell-shaped flowers. 20 ft .
scandens. Blue. $1 / 4 \mathrm{oz}, 25 \mathrm{c}$.
scandens. White.
COLEUS. Ornamental foliage plants.
New Hybrids. Mixed. Very choice colorings.
Fine Mixed................................... . . . . . 10
CYCLAMEN persicum giganteum. Excellent for pot plants; foliage is very beautiful.
Mixed Colors


Double Bachelor Button

## Cosmos

A hardy and rapid growing annual with feathery green foliage. Flowers have long, graceful stems and attractive for cutting. Thrives best in light soil and not too rich.
Early Flowering Mammoth. Sow in April or May in the open ground where they are to grow and thin out but do not transplant. Pinch out tops when 2 to 3 feet high to force plant to branch. Should bloom profusely from August until frost.
White. $1 / 4 \mathrm{oz} .25 \mathrm{c}$
Rose. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.
Crimson. $1 / 4 \mathrm{oz} .25 \mathrm{c}$
Finest Mixed. $1 / 4 \mathrm{oz} .25 \mathrm{c}$
Mammoth Perfection. Flowers are of large size, often 5 inches in diameter. Late blooming.
White. 1/4 oz. 25 c
Pink. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.
.10
.10
New Double Crested. Extra early flowering. Entirely new class, producing a very double flower crested by an outer row of petals, making a very attractive appearance. A good percentage come true from seed.
Double Crested White. Snow white. $1 / 8$ oz. $75 \mathrm{c} . .$.
Double Crested Rose. Rosy pink. $1 / 8$ oz. 75 c ..
Double Crested Malmaison Pink. A soft shade. $1 / 8 \mathrm{oz}$. 75 c
Double Crested Crimson. $1 / 8$ oz. 75 c
Double Crested Mixed. $1 / 8 \mathrm{oz} .50 \mathrm{c}$.
CONVOLVULUS (Morning Glories). Free flowering annual for trellis, rockwork, etc.
major Mixed. Quick growing climbers. Oz. $20 \mathrm{c} ., 1 / 4 \mathrm{lb} .50 \mathrm{c} ., 1 \mathrm{lb} . \$ 1.00$.
CYPRESS VINE. Climbing annual of great beauty; foliage is extremely attractive.
Finest Mixed. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.
DAISY, Shasta. Hardy perennial, blooming abundantly the first year from seed. Flowers pure white with yellow center.
DATURA. Mixed. Hardy annuals producing large, showy plants with handsome trumpetshaped flowers.

10
DAHLIA. Half hardy perennials of value for cutting. Blooms first season from seed sown in March or April.
Cactus. Double flowering mixed. $1 / 8 \mathrm{oz} .35 \mathrm{c}$.
Double. Large flowering mixed. $1 / 8 \mathrm{oz} .35 \mathrm{c}$.
Single. Large flowering mixed. $1 / 4 \mathrm{oz} .35 \mathrm{c}$.


Delphinium


Cosmos, Double Crested

## Delphinium (Hardy Larkspur)

One of the most desirable hardy perennials. Flowers produced on long spikes in shadings of white and blue. Pkt.
Belladonna. Light blue. $1 / 8$ oz. $50 \mathrm{c} . . . .{ }^{2} . . . . . . .$.
Bellamosa. Dark blue. 1/8 oz. 50c.................. . . . 15
Blackmore \& Langdons Prize Strain. One of the finest collections in the world.
Formosum coelestinum. Azure-blue. 1/8 oz. 50c...
Formosum. Dark blue, white center. 1/8 oz. 50c.... . 15
Gold Medal Hybrids. Special strain from selected plants. Colors range from pale lavender to deep blue. $1 / 8 \mathrm{oz} .35 \mathrm{c}$.
DOLICHOS lablab. Mixed. (Hyacinth-bean.) Climb-
ers. Oz. 25c.

## Dianthus

Excellent plants for beds and borders. Flowers cover a wide range of colors and are very fragrant.
Chinensis. Fine mixed. (China Pink.) Doubleflowering popular sort. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.
Heddewigi f. pl. Double flowering Japan Pinks. . . . . . . 10
Heddewigi fl. pl. Single mixed. Splendid large flowering.
Plumarius. Double flowering, hardy garden or June Pink.
DIDISCUS coeruleus (Blue Lace Flower). Easily grown garden annual, popular for cut flowers. Plants 2 ft. high, umbel shaped bloom, heavenly blue. $1 / 8 \mathrm{oz} .35 \mathrm{c}$.
DIGITALIS. Desirable plants for backgrounds, borders and among shrubbery. Handsome, spotted flowers.
alba. Pure white. $1 / 8 \mathrm{oz} .35 \mathrm{c}$
rosea. Rose color. $1 / 8$ oz. $35 \mathrm{c} . .$. . . . . . . . . . . . . . . . . . . . . . 10
Yellow. 1/8 oz. 35c................... . . . . . . . . . . . . . . . . . . . 10

DIMORPHOTHECA aurantiaca hybrida. New hybrids of African Daisy. Annual free blooming in many colors, white to red and blush, sulphur, lemon, orange, etc. $1 / 4 \mathrm{oz} .50 \mathrm{c}$.
DRACAENA indivisa. Decorative plant with long narrow green leaves.
ECHINOCYSTIS lobata (Wild Cucumber). A very rapid growing annual climber. Oz. 25 c
ESCHSCHOLTZIA (California-poppy). Profuse blooming hardy annuals bearing poppy-like blooms from June until frost.
aurantiaca. Rich orange true California-poppy. $1 / 2$ oz. $25 \mathrm{c} .$.
Rose Cardinal. Rose colored. $1 / 4$ oz. $25 \mathrm{c} . . . . . . .$.
Carmine King. Rosy-crimson. $1 / 4$ oz. $25 \mathrm{c} . .$. .... . 10
Bush (Hunnemannia). Bright yellow on long stems, excellent for cutting, hardy annual. $2 \mathrm{ft} .1 / 4 \mathrm{oz} .25 \mathrm{c} . \quad .10$
EUPHORBIA. Very pretty, quick growing annuals.
variegata. White and green foliage. $1 / 4 \mathrm{oz} .25 \mathrm{c} .$.

## Gaillardia

Showy bedding and border plants blooming the first season from seed and among the gayest blooms in the garden in Summer and Autumn. Combinations of yellow and red predominate; flowers 2 inches or more in diameter on long stems. Desirable for cutting.
Lorenziana Mixed. Superb annual sort. 1/4 oz. 25c.. . $\$ 0.10$
Grandiflora. Mixed. Perennials of great beauty. $1 / 4 \mathrm{oz} .35 \mathrm{c}$.
GILIA capitata. Erect habit; 2 ft . high; lavender-blue. Desirable for borders or cut bloomer. $1 / 4 \mathrm{oz} .25 \mathrm{c}$. .
GERANIUM. Finest mixed.
GERANIUM. Finest mixed. ............................
GEUM atrosanguineum. Handsome plants for shrubbery borders. Hardy perennial.
GLOXINIA erecta. Mixed. Splendid pot plants
GLOBE AMARANTHUS, Mixed. Showy, everlasting.
GODETIA. Free-flowering annuals for beds and borders. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.
GOURDS, Ornamental. Rapid growing climbers with odd-shaped fruits. Small sorts, mixed. Oz. 30c.
Dipper, or Calabash. Oz. 30c.
Dishcloth, or Sponge. Oz. 30 c
Apple-shaped. Oz. 30 c
Eor-shaped. White Oz 30c
Pear-shaped Oz 30 .
10
GYPSOPHILA. Fine for bouquets. Free blooming. paniculata. Perennial; fine, feathery white flowers. $1 / 4 \mathrm{oz} .25 \mathrm{c}$
elegans grandiflora alba. Large flowering, pure white; hardy annual. Oz. 25c.

## Helichrysum (Strawflower)

Valuable everlastings with beautiful colorings.
Fireball. $1 / \mathrm{oz} .35 \mathrm{c}$

................. . . 10
Silver Globe. $1 / 4$ oz. 35 c . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10 .10

Violet. $1 / 4 \mathrm{oz}$ 35c....... .10
Mixed colors. $1 / 4 \mathrm{oz} .25 \mathrm{c}$


Helichrysum (Strawflower)
HELIOTROPE. Finest mixed. Popular for pots Pkt. or bedding.
HUMULUS. Quick growing annual climbers for covering arbors, etc. the first season from seed,
japonicus. Green foliage. $1 / 2 \mathrm{oz} .25 \mathrm{c}$.
japonicus variegatis. Variegated green and white

## Hollyhock



Hollyhock
Very ornamental perennials, attractive in mixed borders, making an attractive background. Flowers about 3 inches across set as rosettes around strong growing flower stalks.
Chaters Double Prize Strain. Pure white, crimson, yellow, Newport pink, deep rose, salmon, finest mixed. Each, $1 / 8$ oz. 35 c. $\$ 0.10$
Single Mixed. All colors. $1 / 4 \mathrm{oz} .25 \mathrm{c}$
Double Annual Mixed. All colors. $1 / 4$ oz. $25 \mathrm{c} . . . . . . . . . . . . . . .$.
HONESTY. Hardy biennial treated as an annual. Admired for its silvery seed pouches.
HELIANTHUS (Sunflower). Hardy annuals; flowers attractive.
annuus purpurea (Red Sunflower). Some flowers chestnut-red, others tipped yellow, others washed with red. $1 / 4 \mathrm{oz} .25 \mathrm{c}$
californicus. Large, double, orange color. $1 / 2 \mathrm{oz} .25 \mathrm{c} . . . . \mathrm{I}^{2}$.
cucumerifolius (Miniature Sunflower). Single flowering height 3 ft . $1 / 2 \mathrm{oz} .25 \mathrm{c}$.
globosus fistulosus. Double, globe-shaped; height 6 ft....... . . 10
ICE PLANT. Trailing plants for rockeries, baskets, etc. . . . . . . . . 10
IMPATIENS sultana (Sultans-balsam). Beautiful decorative
plants................................................................. . . . 15
IPOMOEA grandifiora (Moonflower). Rapid growing climbers with large, white flowers.
Imperial Japanese Morning-glory. Very attractive blooms, rapid climbers. Oz. 25c
KOCHIA childsi (Summer-cypress, Burningbush). An easily grown annual, 3 ft . high. Makes an excellent hedge or fine specimen. Compact, pyramidal growth, light green turning to blood-red early in Autumn. 1/4 oz. 25c.
KUDZU VINE. Perennial climbing vine, rosy-purple, pea-shaped flowers. $1 / 2 \mathrm{oz} .25 \mathrm{c}$

LANTANA hybrida. Mixed. Rapid growing, small, bushy shrubs. ..... 10

LATHYRUS latifolius (Perennial Pea). Mixed. Climbers. 1/4 oz
25 c .
LINUM (Flax). Annuals of graceful habit. grandifforum. Scarlet .....  10
LOBELIA. Graceful plants for vases, edgings, etc. gracilis. Trailing sort. Light blue ..... 10
Crystal Palace compacta. Erect sort, dark blue ..... 10
LINARIA cymbalaria (Kenilworth-ivy). Trailing plant for vases, etc ..... 10

[^0]
## Larkspur

Quick growing, free-flowering annuals. Seed sown early in Spring produce beautiful spikes of bloom from Midsummer until frost. Tall, stock-flowered sorts are desirable for cut blooms.

Dwarf Rocket. Mixed. Oz. 35c
Tall Stock-flowered. Mixed. 1/4 oz. 25c
80.10
.10
Tall Stock-flowered. Dark blue. $1 / 4 \mathrm{oz} .25 \mathrm{c}$
Tall Stock-flowered. Dark rose. 1/4 oz. 25c
Tall Stock-flowered. Flesh color. 1/4 oz. 25c
Tall Stock-flowered. Light blue. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.
Tall Stock-flowered. White. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.
LYCHNIS chalcedonica (London Pride). Bright scarlet, 2 to 3 ft high. Hardy perennial
MALOPE (Mallow). Free blooming annuals, with large, showy flowers. 3 ft .
grandiflora. White and pink. Pkt.
MAURANDIA. Mixed trailing plants for baskets.

.10
Well-known garden annuals with rich showy flowers. Very easy of culture.
African Tall. Mixed. Large flowering. Orange and lemon shades. $1 / 2$ oz. $25 \mathrm{c} . . . . . . .$. Orange Prince. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.... . 10
Lemon Prince. $1 / 4 \mathrm{oz} .25 \mathrm{c} \ldots$... 10
French Dwarf. Mixed. A very beautiful type. Golden and maroon sorts. $1 / 2 \mathrm{oz} .25 \mathrm{c}$.
French Dwarf, Gold Striped. Brown and golden yellow. 1/2 oz. 25 c .
Legion of Honor. Single. Golden yellow with purple. $1 / 2 \mathrm{oz}$. 25 c .

Mignonette


Larkspur

## Mignonette

Well known, sweet-scented annuals. Pkt.
Grandiflora. Large-flowering. Oz. 25c.. . . . . . . . . . . . . . . . . . . . . . . . $\$ 0.10$
Machet. The best Mignonette for all purposes, indoor or outside.
1/8 oz. 25c.. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10
MIMULUS moschatus (Muskplant). Yellow, sweet-scented........ . . . . . 10
MIMOSA pudica (Sensitiveplant) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10
MYOSOTIS (Forget-me-not). Charming, half-hardy perennials, producing small, blue flowers.
alpestris Victoria. Stout, bushy habit. 1/8 oz. 40c
palustris (True Marsh Forget-me-not). Blue with white eye. $1 / 8 \mathrm{oz} .75 \mathrm{c}$.
NEMESIA strumosa suttoni. Hardy annual. A fine plant for small beds; leaves whorled, terminal racemes whito and purplish-tinted flowers. 18 in . $1-16 \mathrm{oz} .50 \mathrm{c}$.
NEMOPHILA. Mixed. Pretty annuals adapted to garden culture. 1/2 oz. 15
NICOTIANA affinis. A species of tobacco, very decorative. $1 / 4 \mathrm{oz} .25 \mathrm{c}$. 10
NIGELLA, Miss Jekyll. Easily grown annual. Double, bright blue, excellent for cutting. $1 / 2 \mathrm{oz} .25 \mathrm{c}$.
OENOTHERA lamarckiana (Evening Primrose). Large yellow flowering hardy annual. $1 / 4 \mathrm{oz} .25 \mathrm{c}$
PLATYCODON grandiflora. Hardy perennial, bright blue, bell-shaped flowers.
POL YANTHUS. Popular hardy perennial. Finest named sorts, mixed. 18 oz. 75 c .
PRIMULA sinensis (Chinese Primrose). Excellent pot plants for Winter decorations.
Choice Fringed. Mixed.
PRIMULA obconica. A profuse blooming primrose with pale lilac flowers. .
malacoides. Flowers delicate lavender, borne in whorls on tall, delicate stems. Desirable for pot.


## Nasturtiums-Dwarf

For Summer flower beds nothing can surpass them; plants form perfect mounds about 1 foot high by 1 foot across. Seed sown in open ground early in Spring produces blooming plants in early Summer and continues until frost Oz Pkt.

|  | Oz. | Pkt. | King Theodore. |  | \$0.10 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Aurora. Salmon and pink | \$0.25 | \$0.10 | Lady Bird. Orange red, | . 25 | . 10 |
| Beauty. Yellow, striped red | . 25 | . 10 | Pearl. Creamy white. | . 25 | . 1 |
| Chameleon. Variable. | . 25 | . 10 | Prince Henry. Light yello | . 25 | . 1 |
| Cloth of Gold. Scarlet. | . 25 | . 10 | Ruby King. Rose shaded. | . 25 | . 1 |
| Crystal Palace Gem. Sulphur, spotted ma- |  |  | Scarlet. | . 25 | . 1 |
|  | . 25 | . 10 | Spotted. Red and yellow | . 25 | . 10 |
| Empress of India. Crimson | . 25 | . 10 | Vesuvius. Salmon rose. | . 25 | . 1 |
| Golden King. Golden yellow | . 25 | . 10 | Queen of Tom Thumbs. Mixed, varie- |  |  |
| King of Tom Thumbs. Scarl | 25 | . 10 | gated leaved sorts. $1 / 4 \mathrm{lb} .75 \mathrm{c}$. | . 30 |  |
|  |  |  | Mixed. Extra quality, our own mixture, from named varieties. $1 / 4 \mathrm{lb} .50 \mathrm{c}$., lb. $\$ 1.50$ | . 20 |  |

## Nasturtiums-Tall or Climbing

For covering trellis, fences, rockeries, etc., or trailing from vases, they are unexcelled; of easy culture and rapid growth; 12 to 15 feet high.

Oz. Pkt
Scarlet.
$\$ 0.25 \$ 0.10$
Chocolate....................................................... . $25 \quad$. 10

## Yellow.

Hemisphericum. Yellow, blotched pink......... . . . 25 . 10
Jupiter. Giant flowering, yellow.................. . . 25 . 10
Regelianum. Purple violet........................... . . 25
Pearl. Creamy white..
.25 .10
Prince Henry. Cream spotted; tipped red....... . 25 . 10
Vesuvius. Salmon rose.............................. . . . . 25 . 10
Von Moltke. Ruby rose.................................... . . 25 . 10
Orance................................ 10
Mixed. Extra quality. Our own mixture
from named varieties. $1 / 4 \mathrm{lb} .50 \mathrm{c} ., \mathrm{lb} . \$ 1.50 \ldots$. 20
. 10

## Pansies

Seed should be sown in July and August for early Spring blooming, or if sown in May will make excellent plants for late blooming.

Pkt.
Pino's Special Mixture. In this mixture we offer all
the choice fancy sorts, and we believe nothing better
can be procured. $1 / 8$ oz. 75 c ..
English Show. Large flowering English sorts............. . . $\$ 0.25$
Bugnot's Stained. Superb blotched varieties......... . 25
Cassier's Giants. Splendid, large flowering, blotched.. . 25
Masterpiece. Curled, wavy petals, new and distinct... . 25
Orchidæflora. A large flowering class, comprising many
new and novel shades.................................... 25

Good Mixed. Fine bedding varieties. 1/8 oz. 35c..... . 10
$\underset{\text { growth }}{\text { Trimardeau Giant. The largest and most robust in Pkt. }} \begin{gathered}\text { Pkt. }\end{gathered}$
White.................. $\$ 0.15$ Striped.................. $\$ 0.15$
Yellow.................. . . 15 Lord Beaconsfield..... . 15
Purple................... . 15 Mized. 1/8 oz. 50c...... . 15

Pansies

## Petunia

General favorites of easy cultivation, blooming continuously from early Summer till frost. Favorite for massing in beds and bordering walks and drives; also used in vases and window boxes
Large-flowering Special Formulae. This mixture is selected for size and brilliancy of color, making it far more desirable than the fine mixture for bedding. $1 / 8 \mathrm{oz} .35 \mathrm{c}$.
Fine Mixed. Single bedding sort. $1 / 4$ oz. 35 c
Alba. Pure white. $1 / 4 \mathrm{oz} .35 \mathrm{c}$.
General Dodd's. Dark crimson
Rosy Morn. Clear pink with white throat. Bushy, compact and a constant bloomer. . $1 / 8$ oz. 50 c .
Violacea. Compact, free flowering. Beautiful steel blue or deep violet. $1 / 8$ oz. 50 c .
Snowball. Compact free flowering. Pure white. $1 / 8$ oz. 50 c . Striped and Blotched. Splendid varieties. $1 / 4 \mathrm{oz} .35 \mathrm{c}$ Dwarf Striped and Blotched. Excellent for vases... California Ruffled Giants. Extremely large flowers with ruffled edges; exquisite colorings and markings.
Double Fringed Mixed..

## Phlox Drummondi

Hardy bush-like annuals with many clusters of brilliantly colored flowers. Attractive in clumps and massed beds and desirable for combining in mixed bouquets. Grandiflora alba. Pure white.

Coccinea. Brilliant scarlet.
Rosea. Bright rose....
\$0 10
Atropurpurea. Deep blood red
Grandiflora Mixed. Choice, large flowering sorts. $1 / 4 \mathrm{oz} .50 \mathrm{c}$.
Cuspidata. Splendid star-shaped varieties.
Decussata Mixed. Perennial sorts. $1 / 8$ oz. 50 c
PERILLA nankinensis. Splenfoliage
PHYSALIS francheti (Chinese Lanternplant). An attractive plant forming red, lantern-like pods retaining their color for months; excellent Winter decorations
PYRETHRUM aureum (Goldenfeather). Golden-leaved plant for edging. $1_{4}$ oz. 20 c


Pkt. $\$ 0.10$

Portulaca


Petunia

## Portulaca

Very brilliant dwarf annuals, suitable for warm, dry situations. Should not be sown until hot weather. Pkt. Single. Fine Mixed. 1/2.oz. 30c. . $\$ 0.10$ Single. Pure white................ . . 10 Single. Golden yellow............. . . 10
Single. Flesh..
.10
Single. Scarlet...................... . 10
Double. Choice mixed. $1 / 8$ oz. 35 c . 10

## Poppies

Splendid plants for borders, etc., producing a profusion of bloom throughout the Summer. Flowers are remarkable for large size, delicacy of tissue, and bril-
liancy of dazzling colors. Keep blooms cut regularly for long
blooming season. Pkt.

Carnation-flowered. Splendid double-fringed varieties. Mixed. Oz. 25 c . .
White Swan. Pure Lilac-white. $1 / 2 \mathrm{oz} .25 \mathrm{c}$. 10 white. $1 / 2$ oz. 25 c ... . 10
Cherry-red. $1 / 2 \mathrm{oz} .25 \mathrm{c}$. 10
Salmon-pink. $1 / 2 \mathrm{oz}$.
25 c
Shell-pink. $1 / 2$ oz. 25 c . 10 Heliotrope. $1 / 2$ oz. 25 c . .10
Pæony Flowered. Mixed. Double varieties. Oz. 25c. . 10
Glaucum (Tulip Poppy). Dazzling scarlet, single.Oz.50c. . 10
American Legion. Single, brilliant orange-scarlet, yellow anthers. $1 / 2 \mathrm{oz}$. 35 c .
Shirley. Single. Mixed. Very dainty colored, with rich satin appearance. $1 / 2$ oz., $30 \mathrm{c} . . . . . . . . .$. ... . 10
Orientale. Enormous deep scarlet flowers. Perfectly
hardy.
$1 / 8$ oz, $35 \mathrm{c} . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . ~ . ~$ 10
Orientale.
shades.
Hybrids mixed. Hardy perennial. Finest
$1 / 8 \mathrm{oz} .35 \mathrm{c} . \ldots . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . ~$ 10
Iceland. Mixed, hardy perennial, blooming first season from seed. 1/4 oz. 35c.
PYRETHRUM hybridum grandiflorum. Flowers large, Aster-shaped, colors pink to deep red with bright yellow centers.
Double Choice Mixed. $1 / 8$ oz. $\$ 1.00$
RICINUS (Castor Oil Plant). Highly ornamental plants; excellent for large groups.
Bourboniensis. Dark green, 15 ft . Oz. 25 c

Gibsoni. Dark purple stems and foliage. Oz. 25c..
Sanguineus. Blood red foliage, 6 ft . Oz. 25c..
Zanzibariensis. Mixed. Very large growing sort, extremely attractive. Oz. 25 c .
ROCKET, SWEET. Hardy perennial, 2 ft . high, white and purple, mixed. $1 / 2 \mathrm{oz} .35 \mathrm{c}$. .
RHODANTHE. A charming annual everlasting. Valuable dried for Winter bouquets. Mixed. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.
Salvia (Scarlet Sage)
Easily grown, free-flowering and extremely showy Pkt. Splendens. Vivid scarlet, 2 ft . $1 / 8 \mathrm{oz} .35 \mathrm{c} . . . . . \$ 0.10$
Bonfire. Early flowering scarlet, $11 / 2 \mathrm{ft} .1 / 8 \mathrm{oz} .50 \mathrm{c} . \quad .15$ America, or Globe of Fire. Dwarf, bushy, compact growth, uniform in height and shape. Spikes large, brilliant scarlet and very early. $1 / 8 \mathrm{oz} .75 \mathrm{c}$.
Patens. Rich deep blue.

## Salpiglossis

One of the most attractive annuals. Blooms tubeshaped, much like the Petunia, but more beautiful in color display. $21 / 2 \mathrm{ft}$.

Pkt.
Emperor. Finest mixed. $1 / 8$ oz. 25 c
$\$ 0.10$

## Scabiosa (Mourning Bride)

Flower stems long and keep well in water. The soft shades predominate. Give plenty of room and keep seeds picked regularly. Will bloom the entire season. $21 / 2 \mathrm{ft}$. Pkt. Ageratum-blue. $1 / 8$

Rose. 1/8 oz. 25c..... $\$ 0.10$
oz. 25 c . . . . . . . . . . $\$ 0.10$ White. $1 / 8 \mathrm{oz} .25 \mathrm{c} . .$. . 10
Finest mixed. $1 / 4 \mathrm{oz} .25 \mathrm{c} . \cdot$. . . . . . . . . . . . . . . . . . . . . 10
SCHIZANTHUS. Free blooming annuals, excellent
for bedding. Finest mixed. $1 / 8 \mathrm{oz} .25 \mathrm{c} . . . \mathrm{c}^{2}$.
.10
wisetonensis. Delicate shades, excellent for cut-
ting. $1-16$ oz. 50 c
SMILAX. Beautiful climber. . . . . . . . . . . . . . . . . . . . . 10
SOLANUM (Cleveland-cherry). More compact than the ordinary Jerusalem-cherry, and produces the scarlet fruits in greater profusion.

## Stocks

Often called Gilliflower; unexcelled for beauty and fragrance. Give good, rich soil, and they will produce full spikes of double blooms; very valuable for cutting.

## EXTRA EARLY FLORISTS MARKET

Branching habit, 2 to $21 / 2$ feet high; very early blooming, and produces a high percentage of double blooms. Pkt. White . . . . . . . . . . . . $\$ 0.20$ Lavender . . . . . . . . . . $\$ 0.20$ Rose.

## LARGE FLOWERING, DWARF GERMAN

Produces pyramidal spikes with a good percentage of double. Pkt. Pkt.
Pure white ......... . $\$ 0.15$ Brilliant rose . . . . . . $\$ 0.15$
Canary-yellow . . . . . . . 15 Lavender............ . . . . 15
Blood-red ...
Finest Mixed
Dark purple . 10

## EARLY, LARGE-FLOWERING NICE

One of the most desirable types. Flower trusses long and very double.

Pkt.
Beauty of Nice. Flesh-pink
$\$ 0.15$
Victoria. Pure white
.15
Queen Alexandra. Rosy-lilac

GIANT PERFECTION (Cut-and-come-again)
Pkt.
Rose. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $\$ 0.15$
Empress Augusta Victoria. Silvery-lilac........ . . . . 15
Princess Alice. White....... . . . . . . . . . . . . . . . . . . . . 15
SWEET WILLIAM. Popular, old-fashioned, hardy perennials for beds or borders. Easily grown from seed, forming fine clumps which produce brilliant colored flowers the second season.
Dark crimson.

Pink Beauty. $1 / 8$ oz. $50 \mathrm{c} \ldots . .$.
Scarlet Beauty. $1 / 8 \mathrm{oz} .50 \mathrm{c}$
Single. Mixed. $1 / 2$ oz. 25c....................... . . . . 10
Double. Mixed. $1 / 4 \mathrm{oz} .25 \mathrm{c}$ . 10

## Statice (Everlasting)

Free-flowering, valuable cut flower either fresh or dried.

Sinuata rosea superba. $1 / 4 \mathrm{oz} .25 \mathrm{c}$

Sinuata, True Blue. Extra deep. 1/4 oz. 25c..... . 10
THUNBERGIA. Mixed ornamental climbers.
TROPAEOLUM lobbianum. Climber, dark foliage, bright colored flowers
canariensis ((Canarybird-flower). A rapid growing, half-hardy annual climber. Foliage profuse green, and the curiously formed yellow flowers producing a charming contrast. Desirable for shady locations. $1 / 2$ oz. 25 c .

## Verbena

Popular, free-blooming plants, excellent for garden culture. Pkt.
Mammoth. White. $1 / 8$ oz. $50 \mathrm{c} . .$. . . . . . . . . . . . . . . $\$ 0.10$
Mammoth. Scarlet. $1 / 8$ oz. $50 \mathrm{c} . . . . . . .$. . . . . . . . . . 10
Mammoth. Pink shades. 1/8 oz. 50c . . . . . . . . . . . . 10
Mammoth. Blue shades. 1/8 oz. $50 \mathrm{c} . . . . . . . .$.
Mammoth. Mixed. $1 / 8$ oz. 35 c . . . . . . . . . . . . . . . . 10
Lemon-scented. Scented leaves .................. . . . . 10
VINCA. Fine for pots or borders.
alba, pure white; rosea, rose; mixed. Each ..... . 10
VIOLA odorata (Sweet Violet). Fragrant bedding plant.
VIRGINIAN STOCKS. Hardy annuals for beds and borders. $1 / 4 \mathrm{oz} .15 \mathrm{c}$
WALLFLOWER. Favorite sweet-scented flower.
Earliest Paris. Flowers first season.
Single Mixed
.10
Double Mixed

## Wild Flower Garden Mixture

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides, alongside of fences, and on untidy bare spots which, if properly cared for and kept free from weeds, can bloom during the Summer. Pkt. 10c., oz. 25c., $1 / 41 \mathrm{~b} .75 \mathrm{c}$.


Verbena


Stocks


Scabiosa

## Sweet Peas

During the last ten years great improvement has been made in size and beauty of this popular flower and the development is still in progress. New colors, forms and types are being brought out by the Sweet Pea growers every year, but we will confine our list here to the best tried sorts, and we feel confident that we can take care of the wants of our customers with the stock we carry.

The proper time to spade garden for Sweet Peas is in the Fall, as the longer the soil remains in the rough state the better. Give a liberal dressing of well rotted stable manure, ground bone and a dusting of lime. Spade to a depth of 6 or 8 inches and allow soil to remain in the rough without chopping down. When sowing seed see that the soil is firmly trodden down, as Sweet Peas require not only a deep soil but a firm one. Seed should always be sown early in Spring 1 inch deep and when plants are well up thin to 2 to 4 inches apart. Many thin 6 to 9 inches apart and when 3 or 4 inches high pinch out tops to start branching. Support should be given early before plants get twisted. When hot, dry weather begins, see that the plants are well mulched and well watered. Look out for green aphis and keep clean by spraying with solution of tobacco extract. Care must be taken to keep flowers picked, as the forming of seed pods will stop blooming.

In giving a list of the Sweet Peas we have confined ourselves to those sorts that have been tested as the strongest growers, and from the various shades and colors have selected those which are the clearest and the truest.

## Giant Spencer-Waved Varieties

Spencer Sweet Peas are the largest and most beautiful of all known Sweet Peas, the individual flowers measuring frequently 2 to $21 / 2$ inches across; they are also remarkable for their profuseness and continuous bloom. On strong stems 9 to 12 inches long, the beautiful flowers are borne three to four on a stem. The standards are open, well rounded and exquisitely waved and often serrated.

Packet 10c., oz. 25c., $1 / 4 \mathrm{lb} .75 \mathrm{c}$.
Asta Ohn. Pinkish lavender, large and wavy.
Blanche Ferry Spencer. Bright rose standard, wings white, flushed pink.
Blue Picotee. Pure with narrow edging of blue on standards and wings.


Spencer Sweet Peas

Constance Hinton. Black seeded white Spencer, splendid form and substance.
Countess of Spencer. Pure pink, very large open form. Elfrida Pearson. Large shell-pink.
Flora Norton. Bright blue.
George Herbert. Bright rose-carmine.
Hercules. Mammoth rosy-pink
King White. Produces gigantic flowers, pure white. King Edward Spencer. Pure red. A very popular variety.
Lavender George Herbert. Bluish-lavender.
Primrose Spencer. Pure primrose. The best yellow variety.
Royal Purple. The best purple.
Warrior. Deep maroon.
Wedgwood. Blue.
White Spencer. Pure white, select strain.

## Giant Spencer Mixture

Well selected mixture containing only true Spencer types. We can recommend this as a superior mixture.
Pkt. 10c., oz. 25c., $1 / 4 \mathrm{lb} .60 \mathrm{c} ., \mathrm{lb} . \$ 2.00$.

## Giant Spencer, Early Flowering OR GREENHOUSE VARIETIES

Pkt. 10c., $1 / 2 \mathrm{oz} .60 \mathrm{c} .$, oz. $\$ 1.00,1 / 4 \mathrm{lb} . \$ 3.00$.
The following are specially adapted to growing under glass but may also be grown in the open and bloom several weeks in advance of the regular Spencer sorts and if not allowed to seed will continue equally as long.
Glitters. Bright cerise, one of the best.
Mrs. Chas. Zvolanek. Lavender.
Snowstorm Improved. Pure white.
Snowflake. Pure white, splendid form, borne in profusion on long stems.
Song Bird. Pale pink, large, well waved blossoms, usually four on a stem.
Songster. Very attractive shade of lavender, large and nicely waved..
Yarrawa. One of the most popular early Spencer varieties.
Zvolanek's Rose. Giant rose-pink.

## Grandiflora Varieties

Blanche Ferry. Rose and white. . .
Dorothy Eckford. Large white.... .
Flora Norton. Bright blue. $\qquad$ Price, Katherine Tracy. Pink............ King Edward VII. Bright red..... Lady Grisel Hamilton. Lavender. . . Lovely. Deep, shading to light pink... Othello. Deep maroon.

## Pino's Perfection Mixture

A carefully prepared mixture of the finest Grandiflora varieties. Oz. 10c., $1 / 4 \mathrm{lb} .25 \mathrm{c}$. , 1b. 75c.


Zinnia
Robust growing annuals, very free flowering. No flowers are more easily grown from seed in the open ground and few blooms so continuously through the entire Summer. Those acquainted only with the old-time Zinnias will be surprised at the perfection to which the newer strains have attained.

Pkt.
Pino's Giant Double. In size of bloom and brilliancy of coloring, after the new Dahlia Flowered, this is undoubtedly the finest strain of Zinnia in cultivation. Very robust in growth.


One package each 9 Pino's Giant Double Zinnias, as above, $75 c$.


Zinnia. Pino's Giant Double

## DOUBLE GIANT DAHLIA FLOWERED. Pkt

These flowers have a very marked distinction from the ordinary giant class, being true Dahlia flowered type and when picked and placed with Dahlias it is difficult to tell one from the other. Very free blooming. Finest Mixed
$1 / 4$ oz. $75 \mathrm{c} . \$ 0.15$
Buttercup. Deep creamy yellow.. $1 / 8$ oz. 75c. . 20
Crimson Monarch. The largest and best of the red shades.................... . $1 / 8$ oz. 75 c .
Dream. Fine deep lavender turning to purple. . . . . . . . . . . . . . . . . . . . . . . . $1 / 8$ oz. 75 c .
Exquisite. Light rose, deep rose center
1/8 oz. 75 c
Golden State. Pure golden yellow. $1 / 8 \mathrm{oz} .75 \mathrm{c}$. Old Rose. Real old rose shade. . $1 / 8 \mathrm{oz} .75 \mathrm{c}$. Oriole. Immense orange and gold bicolor
$1 / 8$ oz. 75 c .
.20
. 20
.20
.20
.20
Polar Bear. Very large, the best white sort 1/8 oz. 75c. . 20
Scarlet Queen. True scarlet. . $1 / 8$ oz. $75 \mathrm{c} . \quad .20$
One package each 9 Giant Dahlia Flowered Zinnias, as above, \$1.50.

Victory Quilled Type. Flowers large and petals Pkt. evenly quilled in different shades of color, such as bronze, cerise, yellow and white. .....1/8 oz. 50c. $\$ 0.15$
Curled and Crested. Petals beautifully curled and twisted $\qquad$ $.1 / 4 \mathrm{oz} .35 \mathrm{c}$.
Zebra. Striped sorts.................... . $1 / 4 \mathrm{oz} .35 \mathrm{c} . \quad .10$
Dwarf Double. Mixed. Height $11 / 2 \mathrm{ft} .$. . $1 / 4 \mathrm{oz} .25 \mathrm{c}$.
Liliput Double Mixed. Small flowering and very
double, $1 \mathrm{ft} . .$. . . . . . . . . . . . . . . . . . . . . $1 / 4 \mathrm{oz}$ oz. 35 c .
.10

## Ornamental Grasses

Avena sterilis (Animated Oats). Hardy annual. . . $\$ 0.10$
Briza Maxima (Quaking Grass). Hardy annual,
pretty for bouquets... . . . . . . . . . . . . . . . . . . . . . . . . . 10
Bromus Brizæformis. Hardy perennial, fine for
Winter bouquets.
Coix Lachryma (Job's Tears). Hardy annual. .. . . 10
Eragrostis elegans (Love Grass). Hardy annual;
very attractive; excellent for bouquets.
. 10
Erianthus Ravennæ (Plume Grass). Tender peren-
nial, stately growth.
Gynerium argenteum (Pampas Grass). Tender perennial, bearing beautiful plumes. . . . . . . . . . .10Zea japonica. Hardy annual, beautifully striped. .10

## DAHLIAS

## Pino's Leading Novelties, 1926

JUNIOR. This is one of, if not the largest dahlia grown. The color is a pure lavender-pink. The flowers when fully out, look like a large waterlily. Its keeping quality is wonderful..... $\$ 2.00$
EARLE WILLIAMS. Exceedingly large, brilliant crimson, with white distributed through each petal. The flowers stand erect on long, stiff stems. I consider this one of the most attractive of modern dahlias.
DAKOTA. Large, free-blooming, glossy tango-red, with large, stiff stems.

MARIPOSA. Large pink on good long stems, deepening to lavender and pink.

SET FOR \$10.00

## Decorative Dahlias

Margaret E. Millis. A large, wonderful bloomer, on good stems. The coloring is amaranth-pink, slightly splashed with white. Each petal inclined to twist, giving a beautiful effect.
Purple Manitou. Large, deep purple, blooming; very free
Wm. Slocombe. A very large, pale yellow, one of the best.
W. W. Pollamus. A broad, thick-petaled dahlia, color a deep yellow, suffused to pink and white..
Albert Manda. One of the largest dahlias grown; clear lemon, mixed white and pink, very delicate color.
Bonnie Brae. Cream, shaded blush pink. A true, decorative form of immense size, rather too heavy for the stem.
Halloween. An exceedingly large, stiff stem dahlia with dwarf habits. Color a light cream overcast with pink and orange-bronze. .
John Lewis Childs. The best fancy decorative novelty. Yellow, splashed, and striped with brilliant scarlet; and generally with tips of white. Immense size and stiff stems. A leader in this class. . .
Millionaire. One of the largest grown; color, lav-ender-pink, slightly shaded white.


Earle Williams


Billy Burke. Large, attractive, pale lemon, white, slightly tinged with pink. The flowers are gracefully held on long stems, petals slightly twisted..
Maryan. A neat and attractive dahlia. The color is a rich shade of lcopper overlaid with gold and amber shadings.
Mrs. Carl Salbach. A sensational decorative dahlia of large size and perfect form. The color is an attractive shade of mauve-pink; stems long and erect.
Inspiration. Extra large, stiff stem, tango shade, tinged to pink and cream. .
The Mahdi. A large, deep golden bronze, tinged with rose and carmine
Lillian Grinnell. This new white dahlia no doubt is as good or better than any produced. Plants are dwarf and bloom profusely with flowers 8 to 10 in . in size.
Catherine Wilcox. A large white, tipped cerise and carmine-rose.
Rainbow. An unusual color, old gold suffused oriental-red; large and perfect.
F. C. Burns. A lovely shell-pink of striking form on good stem; very desirable for all purposes
Madonna. One of the best white, each petal shaded to pearl, with slight pink marking.
Sunbeam. This dahlia has a fern leaf foliage, flowers large and free; color a rich red, tips of petals old gold.

## Hybrid Cactus

Snowdrift. A dwarf growing dahlia. Pure white, stems long and stiff; flowers exceedingly large..
George Walters. I have never seen a more all-round dahlia, a most wonderful bloomer, always produces a large flower. Color a salmonrose shaded silvery-pink.
Whang Shang. A large pink, deepening to
red, overcast bronze and old gold. . . . . . . . . . .
Lady Helen. A beautifully-formed dahlia of immense size on long, stiff stems. A deep shade of pink, with slight veins of white and cream; one of the best
Kalif. The best bright scarlet, large cactus dahlia. Flowers on long, stiff stems, and a profuse bloomer.
The Eagle. A large, broad-petaled cactus with full center, blooming as free as any dahlia in my fields; a cream-yellow.
Washington City. A gigantic pure white on extra long stems, the immense flowers well above the foliage. A greatly admired dahlia
Gee Whiz. Very large, soft buff, shaded with salmon; very perfect in form and a very stiff stem

## Cactus Dahlias

A. E. Storey. A free-blooming, broad-petaled white.
Bridal Veil. One of the best, fine-petaled white, slightly tinged at base of petal.
F.W. Fellows. Large pointed petaled, bronze-red

Snowden. A medium size white cactus dahlia, extra good bloomer.
Salome Jane. Deep golden bronze, shaded to deep glossy red
Mrs. Charles Sherbrooke. This is a large, incurved petal cactus of a scarlet shade with reverse of old gold; one of the freest of bloomers and attractive flowers.
Mrs. Seal. Large, deep red shaded and tipped carmine.

## Show Dablias

Dreers White. Large, pure white, excellent bloomer Fine for garden and exhibition.
A. D. Livoni. One of the largest bloomers in all the show dahlias. Fine garden dahlia
Elsie Davidson. The very freest lemon-yellow dahlia in this type; makes a fine showing all the season.
Vivian. A large rose-pink, overlaid carmine and white; flowers are borne on long stems; a very attractive dahlia.
A. E. Johnson. A large, clear pink, tinged with white, on long, stiff stems; a fine exhibition dahlia.

## Giant Single Dahlias

Bride. Large, pure white petals, even and glossy; best white grown.
Blackbird. A very deep maroon, nearly black; blooming very free.
Home, Sweet Home. Hejght $41 / 2 \mathrm{ft}$. The flowers average $31 / 2 \mathrm{in}$. in size; rose-pink, edged carmine, on long stems and blooming very freely .
Marguerite Perkins. A lovely cream, splashed carmine-rose; a very free bloomer.
Parable. A striking shade of rich purple, each petal tipped white, blooming in profusion.
Sensation. Scarlet tipped white.
J. Forbes. A large, deep rich red, tipped caminerose; flowering on long, stiff stems.

## Pompons

Achille. Pale pink; a great bloome
Douglass Tucker. Yellow, orange tipped
Elsie. White, slightly tinted pink
Kleine Gretchen. Orange-buff. One of the best flowering pompons. .
Little Beauty: One of the leading bright pinks. A free blooming pompon.
Snowclad. Free blooming, pure white


Elsie Davidson

## Peony Dahlias

Autumn Queen. Large, tango yellow, shaded to Price crean
G. E. Verner. A large, long stem pink, shaded to rose and old gold35

Glory of Holland. Large, free-blooming lavender
pink, slightly shaded white ..... 50

Hugh Dickson. Large, deep wine-red . . . . . . . . . . 50
Tekia. A large, deep red blooming freely. Each flower perfect and on long, stiff stems
Oriana. A new shade of delicate deep pink, petals
attractively arranged; extra long stems........ .35
Forest Loma. Deep cerise-pink, blotched and streaked canary-yellow, petals slightly twisted. Flowers large, on good stem

Rose Mawr. Lovely shade of deep rose-pink; flowers of fair size, on long stems. Blooms profusely
Liberty. This I consider the best all-round dahlia of its class I grow; a rich orange-red, shaded bronze. Flowers very large
Purity. The best white peony dahlia for the home garden; blooming freely on good stems

## Giant Collarettes

Cocarde Espagnole. Decidedly interesting, both petals and collar are gold; very large.
Louis Blackman. Cardinal, tinted white, with white collar, very free bloomer
Pink Beauty. A delicate shade of rose-pink with prominent white collar, very pretty
The Queen. A pure white with white collar; long stems; a great bloomer
Directeur Girard. Rich purple, shaded lighter, with large white collar.15

## Special

12 nicely assorted named dahlias, catalog value $\$ 15.00$, our selection
12 assorted unnamed dahlias, good sorts........ 2.00
12 assorted unnamed dahlias, choice varieties...

## Summer Flowering Bulbs



Begonias

## Amaryllis

Vittata Hybrids. Our bulbs are from the finest collection in America. The size of bloom, range of colors and markings surpass any former offerings. Extra large bulbs, 85c. each, $\$ 9.00$ per doz.

## Begonias <br> Tuberous Rooted

Begonias are indispensable for shady places in the garden or lawn, also desirable for pots or piazza boxes. Start in the house in March or April and remove to the open ground as soon as danger of frost is past. They will bloom freely from July until cut down by the frost. Dry tubers may also be planted in the open ground in May. Care should be taken to keep constantly moist.
Single. White, yellow, rose, scarlet, crimson, salmon.
Price, extra fine bulbs, 35c. each, $\$ 3.50$ per doz. Double Flowering. Flowers perfectly double. Mixed colors, 35c. each, $\$ 3.50$ per doz.

## Caladium

Esculentum. This is one of the most beautiful and striking of the ornamental foliage plants, for growing in pots, for planting on the lawn, or mass in beds. It is of the easiest culture in any good garden soil.
Dry Bulbs. Medium, 10c. each, $\$ 1.00$ per doz. Extra large, 25c. each, $\$ 2.50$ per doz.

## Cannas

City of Portland. $31 / 2 \mathrm{ft}$. Glowing pink, large size, green foliage. 15 c . each, $\$ 1.50$ per doz.
Gladiator. Bright yellow spotted crimson; robust grower. $41 / 2 \mathrm{ft}$. 10 c . each, $\$ 1.00$ per doz.
Souv. de Antoine Crozy. 3 ft . Red with broad border of golden yellow. 10 c . each, $\$ 1.00$ per doz.
King Humbert. 4 ft . Orange scarlet bloom, purple bronze foliage. The grandest Canna ever offered. 15c. each, \$1.50 per doz.
Crimson Bedder. $31 / 2 \mathrm{ft}$. Intense crimson bloom, green foliage. Excellent bedder. 10c. each, \$1.00 per doz.
President. 4 ft . Foliage dark green. Flowers large, bright red and borne in profusion. 15c. each, $\$ 1.50$ per doz.
Richard Wallace. 4 ft . Light yellow flowers, large clusters, green foliage. 15c. each, $\$ 1.50$ per doz.

## Calla Elliottiana (Yellow Calla)

Foliage spotted and flowers golden yellow, making a beautiful contrast; excellent for pots.
Extra large bulbs, 50c. each, $\$ 5.00$ per doz.

## Gloxinias

Should be grown in pots in the house or on the veranda, in boxes or little frames outside and will flower all Summer. Their green leaves are surmounted with a cluster of lovely, trumpet-shaped flowers. The coloring is exquisite; the groundwork of many is pure white, with throats of blue, scarlet, rose or crimson; or the tubes are of bright colors with white throat. The bulbs should be started in a warm place-greenhouse, hotbed or sunny window. Extra strong bulbs, each 40 c ., doz. $\$ 4.00$.
CINNAMON VINE. Dark green, dense foliage; small cinnamon scented flowers. Each 15c., doz. \$1.50.
HYACINTHS Candicans (Summer Hyacinth). Excel-
lent for clumps or used among shrubbery. Each 15c.,
doz. \$1.50.

## Lilies

LILIUM Auratum (The Golden-Rayed Lily of Japan). The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. First size bulbs, each 35c., doz. \$3.50.
Album. This is a pure white and very fragrant variety, with beautifully recurved petals. A very fine sort. Each 40c., doz. \$4.00.
Rubrum. White ground, with bands and spots of rose or crimson on each petal. One of the best Lilies. We have a splendid stock of this very hardy and beautiful kind. Each 35c., doz. \$3.50.
Regale (Myriophyllum). White, fragrant flowers shaded pink outside, lower inner surface primrose-yellow. Hardy, 3 to 5 ft . high. Strong bulbs, 75c. each, $\$ 8.00$ per doz.
MADEIRA VINE. A rapid growing vine with fragrant white flowers. Each 10c., doz. $\$ 1.00$.
OXALIS. These Summer flowering bulbs should be planted out early in May about 2 inches deep. Extra large bulbs, white or pink, 35c. per doz., 100 for $\$ 2.50$.


Canna


Gladiolus America

## Gladiolus

Bulbs planted in open ground in Spring produce plants long, rush-like foliage and magnificent flower spikes early in the following Autumn.
America. One of the finest varieties; color soft flesh pink; Orchid-like in color and texture. Doz. 60c., 100 for $\$ 4.00$.
Anna Eberius. Dark lavender shading to purple throat: fine, long well set spike. Each 15c., doz. $\$ 1.50$, 100 for $\$ 10.00$.
Baron Hulot. Royal violet-blue. Arranges beautifully in combination with yellow sorts. Each 15c., doz. $\$ 1.50,100$ for $\$ 10.00$.
Byron L. Smith. Lavender-pink on white ground. Each 15c., doz. $\$ 1.50 ; 100$ for $\$ 10.00$.
Crimson Glow. Large brilliant crimson. Each 15c., doz. $\$ 1.50$, 100 for $\$ 9.00$.
E. J. Shaylor. Deep rose-pink, tall, straight grown. Each 15c., doz. $\$ 1.50,100$ for $\$ 9.00$.
Empress of India. Brownish-black. One of the best dark sorts. Each 15c., doz. $\$ 1.50,100$ for $\$ 9.00$.
Evelyn Kirtland. Pale pink with scarlet blotches Each 12c., doz. $\$ 1.25$, 100 for $\$ 8.00$.
Flora. Light yellow, very fine. Each 15c., doz. \$1.50, 100 for $\$ 9.00$.
Halley. Salmon-pink. Each 10c., doz. 75 c ., 100 for $\$ 5.00$.
Herada. Blooms large, spikes tall and straight. Pure mauve with deeper markings at throat. Each 12c., doz. $\$ 1.25$, 100 for $\$ 8.00$.
Lily White. Pure snow white; early. Each 10c., doz. $\$ 1.00$, 100 for $\$ 6.00$.
Louise. The orchid Gladiolus. Lavender-pink shading to mauve. Each 15c., doz. \$1.50, 100 for $\$ 10.00$.
Mary Pickford. Delicate creamy white with sulphur throat. Each 12c., doz. $\$ 1.25,100$ for $\$ 8.00$.
Mrs. Dr. Norton. Cream center shading to pink, lower petal blotched sulphur. A superior variety. Each 12c., doz. $\$ 1.25,100$ for $\$ 7.50$.
Mrs. Francis King. Beautiful light scarlet. Each 10c., doz. 75c., 100 for $\$ 5.00$.
Mrs. Frank Pendleton. Large, well expanded flowers, light pink, blotched blood-red in throat. Each 10c., doz. $\$ 1.00,100$ for $\$ 7.00$.

Mrs. Watt. Glowing American Beauty, red. Nearly all flowers open at one time. Each 10c., doz. \$1.00, 100 for $\$ 6.00$.
Neoga. Dark garnet red, deeper throat. Each 20c., doz. $\$ 2.00,100$ for $\$ 12.00$.
Orange Glory. Tall, straight growth, large blooms, many opening at one time. Clear orange color. Each 15c., doz. \$1.50.
Panama. Rose, extra fine spike. Each 10c., doz. 90c., 100 for $\$ 5.00$.
Peace. White with pale lavender pencilings on two lower petals. An exceptional flower and very strong stem. Each 10c., doz. $\$ 1.00,100$ for $\$ 5.00$.
Prince of Wales. Orange salmon, large bloom, early. Each 12c., doz. $\$ 1.25$, 100 for $\$ 6.00$.
Ruffled Glory. Delicate pink with crimson stripe in center of each lower petal. Beautifully ruffled edges. Each 10c., doz. $\$ 1.00,100$ for $\$ 7.00$.
Scarlet Princeps (Virginia). Most pleasing soft red, particularly attractive under electric light. Each 25c., doz. \$2.50.
Schwaben. Rich orange-yellow with carmine blotch; extra long spike. Each 10c., doz. $\$ 1.00$, 100 for $\$ 6.00$.
Wilbrinck. Flesh-pink, creamy white blotch on lower petal. Each 10c., doz. $\$ 1.00$, 100 for $\$ 6.00$.
1910 Rose. Beautiful deep rose-pink, very large flowers. Each 12c., doz. $\$ 1.25$, 100 for $\$ 8.00$.
Pino's Special Mixture. Selected to cover a wide range of types and we have given special attention to the selection of the lighter and more desirable shades. All bulbs strictly first-class. Doz. 50 c., $\mathbf{1 0 0}$ for $\$ \mathbf{3 . 5 0}$.
Alice Tiplady (Primulinus). One of the most popular of this type; large flowering; a most beautiful orange saffron color. Each 12c., doz. $\$ 1.25,100$ for $\$ 8.00$.


TUBEROSES. In this latitude May 1st is ample time to plant in the open ground, but the bulbs can be started in pots much earlier if desired. Select a warm soil and a sunny spot. The soil should be rich, but no especial preparation is necessary. Place the bulb so the top will be covered about 1 inch with soil.
Excelsior Pearl. Extra fine, large flowering bulbs. Per doz. 60c., 100 for $\$ 4.00$.

## Garden Tools and Requisites

Baskets. Verbena. Size $10 \times 5,3$ inches deep, $\$ 2.50$ per 100 Wire Handles, 50c. per 100.
Dibbles. Used in transplanting Cabbages, etc. Steel points. Each 70c.
Forks. Digging or spading, each \$1.75. Manure, long or short handles, $\$ 1.75$ to $\$ 2.25$.
Hoes. Draw, with handles, each $\$ 1.00$ and $\$ 1.10$. Hoes, scuffle or Dutch. Each 90c. to $\$ 1.10$


Garden Hose. "U. S." Mogul, $5 / 8$ in size only; recommended as the most convenient and economical size; 25 ft . length $\$ 4.25,50 \mathrm{ft}$. length $\$ 8.00$.
Hose Menders. Cooper's. Made of heavy brass. Requires no wire or pliers to adjust them. For $1 / 2$-inch or $3 / 4$-inch hose Each 10c., doz. $\$ 1.00$; 1 -inch, each 10 c. , doz. $\$ 1.00$.
Hose Nozzle. Boston rose spray. Copper face, flat. One of the best nozzles for greenhouse, flower garden or lawn \$1.25.
Hose Nozzle. New Boston Spraying. Coarse or fine spray large or small stream. 75 c .
Garden Lines. Cotton, braided, 48 feet, 60c.
Glazing Points. Zinc, will not rust; three sizes, $5 / 8,3 / 4$ and $7 / 8 \mathrm{in}$. long. Lb. 50 c .
Grafting Wax. $1 / 4 \mathrm{lb}$. pkg. 15c., $1 / 2 \mathrm{lb} .25 \mathrm{c} ., \mathrm{lb} .45 \mathrm{c}$
Grass Hooks (Sickles). English, each 80c. and \$1.00.
Grafting Chisels. 75c.
Hose Couplings. Set, 20c.
Knives. Budding and pruning. $\$ 1.00$ to $\$ 2.00$.
Knives. Asparagus. For cutting Asparagus under the surface. 60c. each.
Edging Knife. Handled. \$1.35.
Lawn Rakes. Wooden, best quality. Each \$1.15.
Potato Digger, 6 tine, $\$ 1.30$.
Pruners. Water's Tree. This pruner never fails to cut the slightest twig. It is the cheapest and most practical pruner on the market. $6 \mathrm{ft} . \$ 1.50,8 \mathrm{ft} . \$ 1.75,10 \mathrm{ft} . \$ 1.85,12 \mathrm{ft} . \$ 2.00$.
Pruners. Telegraph, without handle. Each \$1.75.
Rakes. Garden, steel, 12 teeth, 85c.; 14 teeth, $\$ 1.00 ; 16$ teeth $\$ 1.15 ; 18$ teeth, $\$ 1.25$.
Scythes. Cast steel. Best quality. American \$1.90, English \$2.75 Scythe Stone. Talacre, oval. Each 25c.
Shears. Grass border. English. 9-in. $\$ 5.75$; with wheel, $\$ 6.50$. Shears. Hedge. 8 -in. $\$ 1.75$; 9 -in. $\$ 2.15 ; 10-\mathrm{in} . \$ 2.50$; with notch, 50c. extra.
Shears. Hand pruning. American. Each \$1.50 to \$2.75. French. 8 -in. $\$ 2.25,9-i n . \$ 2.50$.
Shears. Lopping. American. \$1.70.
Shears. Sheep. Used for trimming grass borders. \$1.00 to \$1.50.

## Duster Brown Dry Powder Gun


ery practical duster of new design, especially adaptable for use in applying insect powders. It is simply constructed and works on : new principle recently discovered. The extension is of sufficient length to enable the operator to spray ordinary field crops without bending over. Uses-For spraying dust on tobacco, small garden plots, rose bushes, or in any place where dust is to be applied. It is especially adaptable for use in applying insect powders.
No. 2 B, 1 pint
$\$ 1.00$
No. 2 C, 1 quart
1.25

## Norcross Cultivator Hoes and Weeders



The prongs are spring steel, are spring steel, attached to malleable head by
four bolts. Loosening the nuts releases one or more prongs without removing bolts. Extremely popular implements.
. \$1.00
5 -prong Cultivator Hoe, 4 -foot handle
3 -prong Cultivator Hoe, 4 -foot handle
3 -prong Midget Weeder, 9 -inch handle.

## Brown's Sprayers

Auto Spray No. 1B. The strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about 15 strokes on the plunger will discharge the contents under high and constant pressure. After pumping the operator has nothing to do but release and direct the spray. Solution tank holds about four gallons, the air pump is made of seamless brass tubing located inside tank, protected from injury, and is provided with a cam locking device which closes the filler opening air-tight with a half turn of the pump handle. Our compressed air sprayers are all equipped with the Auto Pop nozzle; by a pressure of the fingers on the handle the spray is turned on and releasing pressure automatically shuts off. Complete, with brass tank and Auto Pop nozzle, $\$ 9.50$.
Auto Spray No.1D. Same equipment as above. Galvanized tank, each $\$ 6.50$. Extension pipe, 2 ft . hrass. each 50 c .; elbow, brass. 35c.


Auto Spray No. 5. A double acting general purpose hand pump. All working parts brass and interchangeable; easily taken apart for cleaning. Pump may be used in any receptacle or in connection with the galvanized knapsack as offered
Pump, Hose, Nozzle and Strainer. Complete, $\$ 4.50$
Galvanized Knapsack. \$3.00.
Auto Spray No. 6. Probably the most powerful bucket pump made; can easily generate a pressure of 200 lbs. Double Acting, spraying perfectly on both the up and down stroke, requiring about half the energy required for the ordinary pump. Valves made completely of brass; also suction strainer and strainer in nozzle of brass. Foot rest 16 inches high, which will clear almost any bucket. Can be taken down or put together without aid of tools and is as easily cleaned as a gun barrel. Price, complete, $\$ 4.50$.
Auto Spray No. 26C. All brass continuous atomizer, using half liquid and half air under pressure; easily dismounted and cleaned. Straight and angle nozzles. \$1.50.
Auto Spray No. 22. All tin, single acting hand sprayer. 50c.
Nozzles, Non-Clog Junior, 75c.; Auto Spray, 60c.; Auto-Pop, $\$ 1.50$.
Saws, Pruning. 18 -in. $\$ 1.00,20-\mathrm{in} . \$ 1.25$.
Shovels. Ames' square and round pointed, long or short handles. $\$ 2.00$.
Shovel. Steel. Each \$1.50.
Spades. Steel. $\$ 1.50$ to $\$ 2.00$.
Thermometers. Tested and guaranteed. Japanned, tinned case 50 c . each, $\$ 5.00 \mathrm{doz}$.
Thermometers. Incubator. Various patterns. Each 50c.
Thermometers. Brooder. Each 35c.
Thermometers. Hotbed and Mushroom bed. Boxwood, brass tip, made for plunging. \$1.00.
Trowels. Garden. Forged steel. English. 75c.
Trowels. Garden. Common, steel blade. Each 20c.
Trowels. Garden. Solid steel. Each, 6-in. 35c.

## Watering Pots, Galvanized

Made from the best quality iron and galvanized after being made. The strongest watering pot made. The joints are brass. Two copper face roses go with each pot for fine and coarse watering. $6-q t . \quad \$ 4.50,8-q t$. $\$ 4.75,10-\mathrm{qt} . \$ 5.00,12-\mathrm{qt} . \$ 5.50$.
Watering Pot, French Pattern. Same as above in quality, oval in shape, with brass handle. 6-qt. $\$ 5.00$; 8-qt. $\$ 5.50 ; 10-q t . \quad \$ 5.75$; 12-qt. \$6.50. Extra Roses 50 c . each. Watering Pots. Galvanized iron, short spout. 4 -qt. 75c.; 6-qt. 90c.; $8-q t . \$ 1.00 ; 10-q t . \$ 1.20 ; 12-q t$. \$1.40.


Watering Pots. Green painted, heavy and well made. 4-qt. 80c.; 6-qt. 90c.; 8-qt. \$1.10.
Watering Pots. Painted. For window gardening, without rose. Assorted colors, 2-qt. \$1.25.
Savo Steel Flower Boxes
Self-watering, for windows, porches, sun parlors, etc.

Size A, 23 in . long. $\qquad$ Each Size B, 29 in. long. $\qquad$ 4.25
Size C, 35 in. long. 4.75
Size D, 41 in. long.

## Folding Plant Stand

Can be opened or folded in a few seconds. Finished in green and bronze. Compact and durable. Takes up very little space when not in use. 3-wire trays, $71 / 2 \times 30$, $\$ 5.75$.

## Weeders

Excelsior. Used for loosening the soil in borders and beds. Each 20c.
Hazeltine. Each 30c.
Magic. A very handy spring tooth hand weeder. Each 15 c . to $\$ 1.00$.


## Labels

| WOODEN POT AND GARDEN | 100 | 1000 |
| :---: | :---: | :---: |
| 4-in. Pot Labels, Painted. | \$0.25 | \$1.90 |
| 41/2-in. Pot Labels, Pain | . 30 | 2.15 |
| 5-in. Pot Labels, Painted | . 35 | 2.50 |
| 7 6-in. Pot Labels, Painted. | . 40 | 3.00 |
| - 8-in. Garden Labels, Painted | 1.00 | 7.50 |
| $10-\mathrm{in}$. Garden Labels, Painted | 1.25 | 9.00 |
| 12-in. Garden Labels, Painted. | 1.50 | 12.50 |
| $31 / 2$-in. Copper Wired Tree, Paint | . 35 | 3.00 |

## Adjusto

 Plant SupportThe most simple and easily adjusted plant supporter on the adjusted plant supporter on the about the plant, is hooked together and placed at any desired height on the stake to accommodate the plant growth. An ideal support for Tomatoes, Pæonies, Dahlias, etc. Each Doz.
$\qquad$

18-in., for pot plants . .............................. . 10 1.20

## Gleaner Lawn Trimmer

Adapted to trimming edges of walks, dirives, beds. etc., which cannot be reached with the regular mower and have required tedious hand labor.

8 -inch cut, $\$ 10.00$.

## "Victory" Ball Bearing Lawn Mower

The ball bearing in lawn mowers is the latest and probably the greatest improvement in their manufacture. The "Victory" is constructed with 10inch skeleton rim $\begin{array}{ll}\text { driving } & \text { wheels, } \\ 61 / 4 \text {-inch } & \text { cutting }\end{array}$ $61 / 4$-inch cutting
cylinder with five cylinder with five knives. Is a strong and powerful, easy running
For those who mow their lawns frequently we advise the use-of five blade machines, as they leave the lawn in a very smooth condition. 16-inch $\$ 20.00$, 18 -inch, $\$ 22.00$, 20 -inch $\$ 24.00$.

## Roller Lawn and Golf Mowers

On lawns where exceptionally fine cutting is a necessity, there are no mowers equal to these. They cut smoothly, effectually doing away with that wavy appearance so often seen on a freshly cut lawn. They will also roll down a new lawn and protect it against upheavals caused by dampness, ants and other insects. These are the only mowers that will cut borders properly and without danger of cutting the sod. Price, 18 -inch, $\$ 31.00$.

## Derby Lawn Mower

## A Superior, Medium-Priced Machine.

This mower is built to accommodate those who have only limited city lots to mow. And while of lighter construction than our "Victory," in quality of materials we consider it equal.

14 -inch, $\$ 15.00$; 16 -inch, $\$ 16.50$; 18 -inch, $\$ 18.00$.
Basketry Supplies


## REED

 No. 1 Reed... $\$ 0.12 \$ 0.85 \$ 1.50 \quad$ No. 5 Reed... $\$ 0.10 \$ 0.50 \$ 0.85$ No. 7 Reed... $.10 \quad . .40$. 75
 No. 4 Reed... . 10 . 60 1.00 Flat Reed... . 10 . 50 . 75

RAFFIA
Oz. $1 / 2 \mathrm{Lb} .1 \mathrm{Lb}$.

| Natural. |  | \$0.05 |  |  | 0. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| olored |  | . 10 | . 75 |  | 1. |

Colored. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10 c. and 25 . 10 . 75 per pkg.

Needles. 0c. and 25c. per pkg.
Pine Needles........................................... . . 75 c. per lb.


## WOOD BEADS

Round and Oval.... . . . . . . . . . . . . ..... . . . . .5c. doz., 35c. per 100

## JOHNSON'S WOOD DYES

Mission Oak, Light Oak, Dark Oak, Golden Oak, Weathered Oak, Fumed Oak, and Gray
$\$ 0.45$
Walnut, Early English
Brown Mahogany, Light Mahogany, Dark Mahogany, Forest
Green, Moss Green, Green Weathered, Bog Oak, Flemish
Oak Lac ( Shellac Substitute) $1 \%$ pt

## Plant Stakes

| PLANT | STAKES-PAINTED | GREEN—SQ | $\begin{array}{r} \text { UARE } \\ 100 \end{array}$ |
| :---: | :---: | :---: | :---: |
| ft . |  | \$0.30 | \$2.00 |
|  |  | . 50 | 3.50 |
| $21 / 2 \mathrm{ft}$ |  | . 75 | 5.00 |
|  |  | 1.00 | 7.00 |
| $31 / 2 \mathrm{ft}$ |  | 1.20 | 8.50 |
|  |  | 1.50 | 11.00 |
|  |  | 2.25 | 16.00 |
| ft |  | 2.50 | 18.00 |
| Cane Stakes. Can be cut to any desired length; much used by florists for supporting Roses, Carnations, Lilies, etc. 6 ft., doz. $40 \mathrm{c} ., 100 \$ 2.50$; 8 ft ., doz. 60 c ., $100 \$ 3.50$. |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Cane Stakes, Green Doz. 100 |  |  |  |
| $11 / 2 \mathrm{ft}$ |  | \$0.15 | \$0.75 |
| 2 ft . |  | . 20 | 1.00 |
| $21 / 2 \mathrm{ft}$ |  | . 25 | 1.25 |
| 3 ft . |  | . 30 | 1.50 |
| 4 ft |  | . 35 | 2.00 |
| 5 ft |  | . 50 | 2.50 |

Pointed Match Sticks. Green, 12-in., doz. 5c., 10030 c .; 18-in., doz. 10 c ., 10045 c .

## Plant Trellis



## Flower Pot Brackets

Adapted to plain flower pots and saucers. Flat steel, perfectly strong. Can be fastened on narrowest moulding. Black finish. No. 1, for a 5 -in. pot, 50 c .; No. 2, for a 6 -in. pot, 60 c . ; No. 3 , for a 7 -in. pot, each 75 c .

## Cemetery Vases

Clay, green decoration. Each 50c.
Heavy tin, painted green. Each 20c.

## Standard Flower Pots



## Fern Pans



## Wall Pockets

Pottery, nicely finished. Each 90 c., $\$ 1.10, \$ 2.00$.

## Hanging Pots

7 -in., each 45c.; 8-in., each 60c.; 9-in., each 75c.; 10-in., each \$1.10; 12-in., each \$1.50.

## Decorated Hanging Pots

In assortment, attractive selection. $\$ 1.50$ to $\$ 4.50$ each. Chains for Hanging Pots, brass, 35c
Hooks for Hanging Pots, brass or nickle. 25c. and 35c. each.
Clay Flower Pot Saucers


## Waterproof Flower Pot Saucers

Made of clay and coated inside and out. Positively waterproof, durable and attractive.

| In. | Each | Doz. | In. | Each | Doz. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 4. | \$0.08 | \$0.80 | 12. | \$0.60 | \$6.00 |
| 5. | . 12 | 1.20 | 13. | . 80 | 8.00 |
| 6 | . 15 | 1.50 | 14. | 1.00 | 10.00 |
| 7. | . 18 | 1.80 | 15. | 1.35 |  |
| 8. | . 25 | 2.50 | 16 | 1.80 |  |
| 9. | . 35 | 3.50 | 18. | 2.25 |  |
| 10. | . 45 | 4.50 |  |  |  |

## Flower Vases

Made of clay and glazed inside, for displaying cut flowers.

| 10 in. high. |  |  | $\begin{gathered} \text { Each } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| 12-in. high. |  |  | . 60 |
| 14 in. high. |  |  | . 75 |
| 16 in. high. |  |  | . 00 |
| Attractiv | finish. |  |  |
| 8 in . high. | \$0.50 | 14 in. high | \$1.50 |
| 10 in. high. | . 75 | 16 in. high | 2.00 |
| 12 in . high. | 1.00 | 18 in. high | 2.50 |

Neponset Paper Flower Pots
Made from tough fibre paper; lasting and thoroughly waterproof


## Plant Tubs

Made of White Cedar, painted, light and attractive.

|  |  | Diam | Height | Each |
| :---: | :---: | :---: | :---: | :---: |
|  | No. 4. | 9 in. | 9 in. | \$1.10 |
|  | No. 5. | 10 in. | 9 in. | 1.35 |
|  | No. 6. | 11 in. | 10 in . | . 2.00 |
|  | No. 7. | 12 in. | 11 in. | . 2.25 |
|  | No. 8. | 13 in. | 12 in . | . 2.75 |
|  | No. 9. | 14 in. | 13 in.. | . 3.25 |
|  | No. 10. | 15 in. | 14 in . | 3.75 |
|  | No. 11. | 16 in. | 15 in. | 4.00 |
|  | No. 12. | 17 in . | 16 in.. | 4.50 |

## Insecticides

ANT DESTROYER. A non-poisonous powder which sprinkled around their haunts will drive black ants from lawns, etc. Pkg. $1 / 4 \mathrm{lb} .35 \mathrm{c}$.

ARSENATE OF LEAD (Dry). Cartons, $1 / 2 \mathrm{lb} .30 \mathrm{c} ., 1 \mathrm{lb} .50 \mathrm{c}$. ; bags, 1 lb. 40c., 4-lb. bags $\$ 1.40$.
BORDEAUX MIXTURE (Dry). Lb. 35c., 4-lb. bag, $\$ 1.00$.
BORDEAUX MIXTURE (Paste or Liquid). For all fungoid diseases, such as mildew and various rots of Grapes, etc. Lb. $30 \mathrm{c} ., 21 / 2 \mathrm{lbs} .60 \mathrm{c} ., 5 \mathrm{lbs} . \$ 1.15$, $10 \mathrm{lbs} . \$ 1.80$.

BORDEAUX MIXTURE WITH ARSENATE OF LEAD (Paste). An excellent combined insecticide and fungicide. Lb. 45c., 4-lb. bags $\$ 1.25$.
"BLACK LEAF 40" (Nicotine Sulphate). For destroying aphis, thrips, etc., without injuring the foliage. Oz. bottle 35c., $1 / 2 \mathrm{lb} . \$ 1.25,2 \mathrm{lbs} . \$ 3.50,10$ lbs. $\$ 13.50$.
COMMON SENSE RAT EXTERMINATOR. Destroys rats under all conditions. No stench. It dries up the carcass, leaving only the pelt. 25c.
CYANOGAS. Valuable for greenhouse fumigation, for destroying aphis, white fly, thrips, etc. Is scattered along walks and house closed for the night. Lb. 75c., 5 lbs. $\$ 2.50$.
FISH OIL SOAP. Commonly known as Whale Oil Soap. Makes an excellent wash for trees and plants; kills insects and eggs on the bark. $1 / 2 \mathrm{lb} .20 \mathrm{c} ., 1 \mathrm{~b} .35 \mathrm{c} ., 5 \mathrm{lbs} . \$ 1.50$.
LIME-SULPHUR SOLUTION. This preparation is scientifically prepared and is widely recommended and known as one of the best preparations for San José scale, oyster shell scale, etc. Apply Fall and Spring while leaves are off. One application is not sufficient, as many of the scales get under the rough bark and are difficult to reach. Ready for use by adding 16 to 20 gallons of water to each gallon of mixture. Qt. $35 \mathrm{c} ., 1 / 2 \mathrm{gal} .60 \mathrm{c}$., gal. 80c., 5 gals. $\$ 3.25$.
DRY POWDER. Lb. 35c., 5 lbs. $\$ 1.50$.
GRAPE DUST. A preparation to kill that destructive mildew that strikes the Grape vine; also for like use upon any other plants or trees affected with mold, mildew or rust mites, either in greenhouses or the open air. Lb. 30c., 5-lb. pkg. 85c.
HELLEBORE. Powdered White Hellebore for Rose slugs, Currant worms, etc. Dust on with gun or bellows while the foliage is moist. $1 / 2 \mathrm{lb} .30 \mathrm{c} ., 1 \mathrm{lb} .50 \mathrm{c}$.
KEROSENE EMULSION. For aphis on all plants. Ready for use by simply adding water. Pt. 30c., qt. 50c., gal. cans $\$ 1.50$.
KAYSO. A spray spreader and adhesive for use with Arsenate of Lead, Lime, Sulphur, Bordeaux Mixture, etc. Trial pkg. 30c.


MELROSINE. The only remedy, endorsed by leading authorities. The general contact insecticide that kills Rose bugs and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use. Guaranteed effective when used according to directions on can. Gal. $\$ 6.00$, $1 / 2$ gal. $\$ 3.25$, qt. \$1.75, pt. \$1.00.
NICO-FUME (Tobacco Paper). For fumigating greenhouses. The strongest tobacco paper on the market. 24 sheets $\$ 1.25$, 1 gross $\$ 5.50,2$ gross $\$ 10.00$.
NICO-FUME LIQUID. 1/4-lb. tin 75c., lb.-tin \$2.25, 4-lb. tin $\$ 8.00,8-\mathrm{lb}$. tin $\$ 15.00$.

PARIS GREEN. Superior quality. $1 / 4 \mathrm{lb} .15 \mathrm{c} ., 1 / 2 \mathrm{lb} .25 \mathrm{c} ., \mathrm{lb} .45 \mathrm{c}$.
PYROX. Insecticide and fungicide for all leaf-eating insects. Lb. 50c., 5 lbs. $\$ 1.75,10$ lbs. $\$ 3.15$.
SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. Equals Paris Green when used liberally, without the danger from poison. Lb. 25c., 5-lb. pkg. 60c.
SCALECIDE. The latest and best spray for San José scale. A mechanical preparation of petroleum oil that instantly mixes with cold water. One gallon of Scalecide to 20 gallons of water sprayed on your trees and bushes will kill every scale that it reaches without injury to tree or fruit bud if applied in late Fall, Winter or early Spring while the foliage is off. Qt. 60c., gal. $\$ 1.40,5$ gals. $\$ 6.25,10$ gals. $\$ 10.60,30$ gals. $\$ 26.00,50$ gals. $\$ 38.00$.

SULPHUR, FLOWERS OF. A staple preventive for mildew on Grapes, Roses, etc. Lb. $15 \mathrm{c} ., 10 \mathrm{lbs} .75 \mathrm{c}$.

SEMESAN. For treating seeds; hastens germination, stimulates growth, controls disease. 2 ozs. 60c., 4 ozs. $\$ 1.00,8$ ozs. \$1.60, lb. \$2.75.

SULPHUR CANDLES. For fumigating sick rooms, greenhouses, hen houses, etc. $1 / 2 \mathrm{lb}$. size, each 20 c ., doz. $\$ 2.25$.

TOBACCO SOAP. Makes an excellent wash for plants and trees infested with green fly, lice and eggs of insects. Dissolve 2 ounces in gallon of water. Pkts. 15 c . and 25 c .
TOBACCO DUST. If dusted on while the foliage is moist it destroys Rose lice, Cabbage and Turnip fleas, etc. Spread upon the ground, it keeps off earth insects and acts as a fertilizer. $1 \mathrm{lb} .25 \mathrm{c} ., 5 \mathrm{lbs} .50 \mathrm{c} ., 10 \mathrm{lbs} .75 \mathrm{c}$.
RED WING POWDER. For destruction of roaches, fleas, bedbugs, lice and certain other insects. Price, small size, 10c. each.

## Fertilizers



This is a pure natural manure and the most nutritious food for plants. It is excellent as a top dressing for lawns. There is nothing better for mixing with the soil for greenhouse plants; one part manure and six parts soil. For use in the vegetable garden, place directly in hills or drills, it promotes a rapid and steady growth. 2-1b. pkg. 20c., 5 lbs. 35 c ., $10 \mathrm{lbs} .60 \mathrm{c} ., 25 \mathrm{lbs} . \$ 1.00,50 \mathrm{lbs} . \$ 1.75$, $100 \mathrm{lbs} . \$ 3.25,500$ lbs. $\$ 15.00,1000$ lbs. $\$ 28.50$, ton $\$ 55.00$.
CATTLE MANURE. Heat dried and shiedded. Suited to mixing in soil, mulching or liquid manuring. 100 lbs. $\$ 3.25$.
UNLEACHED HARDWOOD ASHES. As a fertilizer for lawns, gardens and fruits, Hardwood Ashes are unequaled; they are not a mere stimulant, but supply natural plant food, permanently enriching the soil. Price, 100 lbs. $\$ 2.25$.
SPECIAL HIGH GRADE FERTILIZERS. For farm, garden and lawn. Standard brands at market prices.

SPRINGFIELD ROSE FOOD. A properly balanced rose food. It stimulates the plant and produces more perfect blooms. 10 lbs. $\$ 1.00$, 25 lbs. \$2.00, 100 lbs. $\$ 5.00$.
LAND PLASTER. Used for preventing bugs from destroying cucumber, melon and squash vines. Price, pkg. 25c., bag $\$ 2.00$.
LIME, AGRICULTURAL. To rectify some soil. Pkg. 25c., 100 lbs. $\$ 1.75$.
SALT, AGRICULTURAL. Used for top dress-
 ing asparagus beds. About one-half ton per acre applied early in spring. Bag, about 200 lbs. $\$ 3.00$.

PLANT LIFE. Desirable fertilizer for house plants; odorless and convenient. Pkg. 25c.
BON ARBOR. A complete plant food, immediately soluble and applied directly to roots of all plants, giving healthy, lasting growth. 8-oz. pkg. 35c., lb.-pkg. 60c., 5-lb. pkg. \$2.50.

STIM-U-PLANT. A powerful fertilizer in tablet form; odorless and suitable for house or garden use. Pkgs. 15c., 25c., 75c., pail 1000 tablets $\$ 3.50$.
PURE GROUND BONEMEAL. This finely pulverized ground bone is excellent for Rose culture, top dressing for lawns and for potied plants. 5-lb. pkg. 40c., $10 \mathrm{lbs} .75 \mathrm{c} ., 25 \mathrm{lbs} . \$ 1.50$, 50 lbs . $\$ 2.25,100 \mathrm{lbs} . \$ 4.00$.
FLORANID. Highly concentrated nitrogen fertilizer for vegetables, flowers, shrubs, lawns, etc. $1 / 2$ lb. 50c., 1b. 75c.
NITRATE OF SODA. This is valuable solely for the nitrogen it contains, equal to $181 / 4$ per cent. of ammonia. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 500 lbs. per acre. Lb. $15 \mathrm{c} ., 5 \mathrm{lbs} .50 \mathrm{c}$., $10 \mathrm{lbs} .85 \mathrm{c} ., 25 \mathrm{lbs} . \$ 1.75,100 \mathrm{lbs} . \$ 5.50$.

## Poultry

## Pratts Buttermilk Baby Chick Food

Packages 25c., 50c.
A largely predigested baby food for baby chicks. Guaranteed to raise every livable chick. Costs a cent a chick for three weeks. Prevents leg weakness, white diarrhoea, "pasting up" and other chick diseases.
PRATTS BUTTERMILK GROWING


MRATTS VICTORY CHICK SCRATCH FEED. 5 and 10 lb. packages. PRATTS INTERMEDIATE SCRATCH FEED. 10 lb . packages.

## Pratts Poultry Regulator

## Packages, $\$ 1.10,50 \mathrm{c}$. and 25 c .

It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting birds in condition for heavy egg laying or winning blue ribbons. Pratts is the original Poultry Regulator of America and is in use by the most successful poultry gisers everywhere

## Pratts Powdered Lice Killer

## 50 c . and 25 c .

Effective, non-poisonous, non-irritating. May be used wherever a powder is suitable. A plendid deodorizer.
It quickly and thoroughly kills all lice on little chicks, big chicks, setting hens and incubator chicks. It rids horses, cattle, hogs, dogs and cats of lice, and destroys ticks on heep.


PRATTS CONDITION TABLETS. 25c. and 50c.
PRATTS SORE HEAD CHICKEN POX REMEDY. 35c.
PRATTS ROUP REMEDY. Tablets or Powder. 50c. and 25c PRATTS POULTRY DISINFECTANT. Qt. 60c., gal. $\$ 1.75$ PRATTS WHITE DIARRHOEA REMEDY. 25 c . PRATTS CHOLERA REMEDY. 30c. PRATTS HEAD LICE OINTMENT. 30c.
PRATTS SCALY LEG OINTMENT. 35c
PRATTS CHICKEN BRONCHITIS TABLETS. 50c. PRATT'S WORM POWDER. 25c.


With a bag of Conkey's Buttermilk Starting Food on hand you are always sure that you have enough good buttermilk ready for your chicks. It contains pure buttermilk reduced to dry powdered form, with its valuable lactic acid that helps the delicate digestive organs of the little chick. Mixed with it is a combination of clean, wholesome grains, a ration balanced just right for baby chicks. $21 / 2 \mathrm{lb} .20 \mathrm{c} ., 5 \mathrm{lb} .40 \mathrm{c} ., 10 \mathrm{lb} .75 \mathrm{c} ., 25 \mathrm{lb} . \$ 1.75$.
CONKEY'S BUTTERMILK GROWING MASH. It is not enough simply to start a chick right-it is equally essential to help it to maturity if you want to make money. After the eighth week the necessity for a bone-and-muscle building diet becomes paramount. Conkey's Buttermilk Growing Mash was prepared with this in mind-to avoid losses from underfeeding or overfeeding improperly-balanced rations. Bag, 10 lbs., 65c.

## Conkey's Remedies

POULTRY TONIC. 25c. and 50c.
ROUP REMEDY POWDER. 30c., 60c. and $\$ 1.20$.
ROUP PILLS. 30c. and 60c.
WHITE DIARRHOEA REMEDY. 30c., 60c. and $\$ 1.20$
CANKER AND BRONCHITIS REMEDY. 50c.
IICE POWDER. 35c.
LICE LIQUID. $60 \mathrm{c} ., 90 \mathrm{c}$. and $\$ 1.50$
HEAD LICE OINTMENT. 15c.
GAPE REMEDY. 25c.
SOREHEAD REMEDY. 25c. and 50c.
POULTRY LAXATIVE. 25c. and 50c.
POULTRY WORM REMEDY. 25., and 50c
NOX. POULTRY DISINFECTANT. 25c. and 60c.
Y-O YEAST AND COD LIVER OIL. $1 \mathrm{lb} . \$ 1.00$.
SERGEANT'S DOG REMEDIES

## Supplies

CHARCOAL (Granulated). Aids digestion and corrects many of the poultry ills. Pkg. 15c, and 25 c
MICA CRYSTAL GRIT. For Chickens, Geese, Turkeys, Pigeons and Birds. It makes thorough digestion of food possible. Two grades, for chicks and poultry. Price, pkg. 15c. and 25c. 100-1b. bag, $\$ 1.35$.
GROUND OYSTER SHELLS. Furnishes one of the best sources for shell-making material. Thoroughly washed and dried. Price, pkg. 10c. and 25c., 100-lb. bag, $\$ 1.35$.

## Feeders and Hoppers

MOE'S SANITARY FEED TROUGHS. No sharp or rough edges. Top slides off. $12-\mathrm{in} .35 \mathrm{c}$. 18-in. 40c.; 24-in. 55c.
MOE'S DOUBLE FEEDING TROUGHS. Double, with sliding top; easily filled and cleaned. 12-in. 45c., 18-in. 60c., 24-in. 70c.


MOE'S ROUND BABY CHICK FEEDERS. Top fits snugly yet easily taken off for filling and cleaning 6 -in. 15 c ., $81 / 4-\mathrm{in}$. 25 c .

VEGETABLE RACK. For holding roots, beets, cabbage, sprouted oats, etc. Round bottom, easily cleaned 75 r.

STAR FOUNTAIN and FEEDER. Fits any Mason jar. Suitable for feed or water. Metal Star only. Each, 10c.
MOE'S DRY MASH HOPPERS. Strictly high quality hopper, properly designed. $81 / 2$-in wide $\$ 1.50$, $12-$ in. wide $\$ 2.00,24$-in. wide $\$ 2.80$.
MOE'S GRIT and SHELL BOXES. Thoroughly made, 3 compartment,
 90c., 4 compartment $\$ 1.25$.


## Drinking Fountains

DROP BOTTOM FOUNTAIN. Easy to fill, has wire handle and may be hung on wall. 1-gal \$1.15, 2-gal. $\$ 1.35$.
BOTTOM FILL FOUNTAIN. Round tapering shape, made in two pieces, easily filled and cleaned. 1 qt .35 c . 2-qt. 45c., 1-gal. 60c.
IMPROVED TOP FILL FOUNTAIN Double wall construction retards treezing; keeps water cool in sum mer. 2-gal. \$2.50, 4-gal. \$3.25.
INSULATED DOUBLE WALL FOUNTAIN. Walls packed with efficient insulating material; keeps water warm in Winter and cool in Summer. 3-gal. \$4.00.
KEYSTONE FOUNTAIN. Hinged bottom held in place by a galvanized hook; has swing handle and eye to hang on wall. $1 \mathrm{qt} .50 \mathrm{c} ., 2-\mathrm{qt} .75 \mathrm{c}$., $4-\mathrm{qt}$. $\$ 1.00,8-\mathrm{qt}$. \$1.50.
MOE'S FOUNTAIN ${ }^{\text {F }}$ HEATER. Fits any size or style fountain; keeps water from freezing in any temperature. Capacity 7 days. $\$ 1.90$
POULTRY PUNCHES. Each 25c. and 50c.
LEG BANDS. Aluminum. Doz. 15c., 50 for 50c., 10075 c
LEG BANDS. Celluloid, assorted colors. Doz. 15c., 50 for 50 c ., 100 75 c .


INSECT POWDER GUN. $\$ 1.00-\$ 1.25$
NEST EGGS. Chalk. Price, 3 for 10 c., doz. 35 c.
NEST EGGS. Medicated. 3 for 25 c ., doz. 75 c .
EGG TESTERS. Made of tin; will fit any small lamp. Each 35c. EGG BOXES. Doz. 20c., 25 for 35c. 50 for 65c., 100 for $\$ 1.25$ CARBOLA COMBINED DISINFECTANT AND PAINT. 5 lbs. 75 c ., 10 lbs . $\$ 1.25$.
THERMOMETERS, INCUBATOR, 50c.; BROODER, 35c.

## "OLD TRUSTY" DOG BISCUITS



We plan yearly to produce a great quantity of seedlings comprising the following, well-grown healthy plants at prices ranging from 50 c . to $\$ 1.50$ per doz., $\$ 3.00$ up per 100 :

Aster, Semples Branching, mixed colors.
Ageratum, Blue Perfection.
Antirrhinum, (Snapdragon), mixed colors.
Calendula (Pot Marigold), Orange Giant.
Calendula, mixed colors.
Calliopsis, mixed colors.
Carnation, Marguerite, mixed.
Celosia (Cockscomb), dwarf comb variety, mixed.

Celosia, tall plume variety, mixed.
Chrysanthemum, Carnation double mixed.
Cleome gigantea (Spiderplant).
Cosmos, early-flowering mammoth mixed.
Dianthus chinensis (China Pink), mixed.
Gaillardia lorenziana, mixed.
Helichrysum (Strawflower), mixed.
Larkspur, tall, stock-flowered, blue or mixed.

Lobelia, dwarf and trailing Lupinus, annual sorts.
Marigold, tall African mixed.
Marigold, dwarf French mixed.
Petunia, Rosy Morn.
Petunia, Violacea.
Petunia, California Ruffled Giant.
Phlox drummondi, mixed.
Salvia Bonfire
Salpiglossis, Emperor, mixed.
Scabiosa, tall, large-flowering.
Stock, dwarf German, 10 Weeks.
Verbena and Zinnia.

## FALL BULBS <br> FOR FALL PLANTING

HYACINTHS, TULIPS, NARCISSUS, CROCUS, SCILLAS, FREESIAS, SNOWDROPS, CALLAS, AMARYLLIS, LILIES. Large assortment ready about October 1st.


Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Legumes offer the best known means of maintaining soil fertility and rejuvenating over-cropped and wornout fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

|  | Mulford Cultures are prepared for |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Alfalfa (Lucerne) | Red Clover | Cow Peas | Vetch | Garden Peas | Lespedeza |
| Crimson Clover | Alsike Clover | Soy Beans | Velvet Beans | Garden Beans | Beggar Weed |
| Sweet Clover | Bur Clover | Peanuts | Sweet Peas | Lima Beans | and Others |

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

| For Small Seeds |  |  |
| :--- | :--- | ---: |
| $21 / 2$ | bushel size....... $\$ 2.25$ |  |
| 1 | bushel size....... | 1.00 |
| $1 / 2$ | bushel size....... | .60 |

## PRICES:

## For Large Seeds

$\begin{array}{llr}5 \text { bushel size.......... } \$ 2.25 \\ 2 \text { bushel size. . . . . . } & 1.00 \\ 1 \text { bushel size. . . . . . } & .60\end{array}$

## Garden Size

Composite culture for garden beans, garden peas, lima beans, sweet peas, 35c.


## SIX PACKAGES, As illustrated, $50 \underline{\mathrm{cts}}$


[^0]:    LUPINUS (Lupins). Well known annuals with long spikes of bright colored, pea- Pkt. shaped flowers. 2 to 3 ft . White, rose, dark blue, sky-blue, mixed annual. $1 / 2 \mathrm{oz} .25 \mathrm{c}$.
    \$0.10
    LUPINUS (Lupins). Perennial, hardy immense spikes of pea-shaped flowers. . . . . . . . . 10
    polyphyllus. Blue, rose, white. $1 / 4 \mathrm{oz} .25 \mathrm{c}$.
    Mixed perennial. $1 / 2 \mathrm{oz} .25 \mathrm{c}$.

