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KEEP THE HOME GARDENS GROWING

IN BUSINESS FORTY-EIGHT YEARS

1925

# CHAAPPEL'S SEED STORE

WILLIAMSPORT, PENNA.

Everything for the Farm, Garden  
and Poultry · Bee Supplies

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It's Easy to Find What You Want

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*Read Suggestions about Ordering* — **THIRD PAGE OF COVER**

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## THE HOME GARDEN

**No vegetables ever come to the home table like those gathered fresh from the home garden**

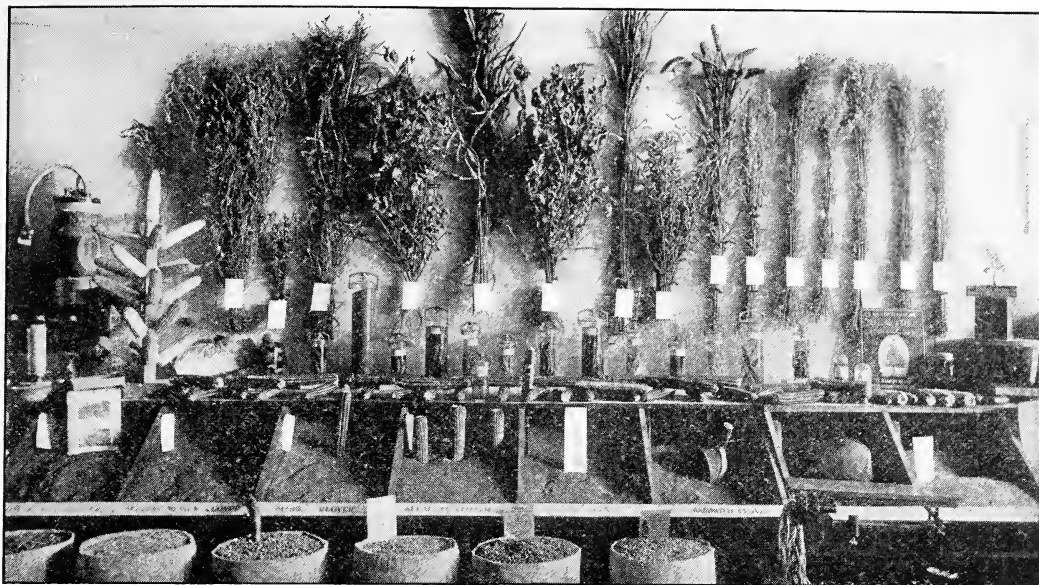
It's a common saying that a good garden furnishes one-half the food of a family. This is true or false as we interpret the term "good garden." A real garden is supposed to supply fresh vegetables in abundance during the growing season, a surplus for canning purposes, so that the home may have all the good, wholesome, canned tomatoes, beans, peas, corn, asparagus, etc., that are used during the winter season, and an extra surplus for the market. A good garden supplies something for the table every day in the year.

## SEEDS FOR MARKET-GARDENERS

The steady increase of our business with market-gardeners from year to year is due to the quality of Chaapel's Seeds and the personal service of the management. Our local gardeners profit by this service, and that they appreciate it is evidenced by our increasing business with this critical trade.

Many of our customers, especially those living in Lycoming and adjoining counties, are acquainted with us personally; it's an honor to us, and a pleasure, to have you visit our store. Come in and make yourself at home. Ask us for information and make our store your headquarters while in Williamsport; if you can't come, be friendly and write occasionally.

We solicit your continued patronage on our service, the merit of our seeds, and the fairness of our prices.



This picture, taken in our store, shows the arrangement of our Farm Seed bins, a display of Legumes, Grains, etc., and jars containing vegetables preserved in alcohol

*The aim of this store is to be of real service to the public,  
and it has adopted as its slogan: "QUALITY AND SERVICE"*

In offering you our 1925 Catalogue, we do so feeling that, more than ever, we are offering you a greater variety of the things you desire, supplemented with our experience of supplying your needs for the past 48 years.

**Our Vegetable and Flower Seeds** are of the best quality experienced growers can produce. We observe the utmost caution in the handling of these seeds.

**Our Field Seeds** are selected with special reference to their purity and germinating qualities and their adaptability to our customers' locations.

**Our Implements** are all standard makes which have been used extensively in this territory and have stood the test of time and use. Our service is unexcelled.

**Our Dairy Supply Department** includes a full line of the necessary equipment and supplies for the modern dairy.

**Our Poultry Supply Department** includes a full line of the latest improved requisites for poultry-raising, and an unsurpassed line of feeds and remedies.

**Our Bee Supply Department** is filling a long-felt want. We carry in stock a full line of A. I. Root Company's beekeepers' supplies.

**Our Fertilizer Department** is complete. We carry the raw materials such as acid phosphate, nitrate of soda, potash, and other chemicals, Royster's and Armour's brands of mixed commercial fertilizers, and Sheep Head brand of pulverized sheep manure.

**In Our Spraying Department** are found the latest scientific prepared and raw chemicals for the control of plant diseases and pests, and sprayers to suit the needs of the small gardener or the largest commercial grower.

We wish to express to you our appreciation of the generous patronage of the past year, and, assuring you of our earnest desire to serve you, we are,

39 E. Third St. }  
40 E. Willow St. } Williamsport, Pa.

Yours truly, **CHAAPEL'S SEED STORE**  
January, 1925

# Making the Most of the Home Garden



**T**HERE is no greater pleasure, once you start a garden, than to grow your own vegetables and to gather them crisp and fresh for your own table every day, for the greater part of the year, and have them during the winter as well. You will not only find it a pleasure, but a profitable one at that.

Moreover, these vegetables will be far superior to any that can be purchased in the market, because they will be fresh. That is an important item. Sweet corn loses a large percentage of its sugar in half a day. Peas deteriorate rapidly after they are picked, and so do other vegetables. Moreover it is often impossible to buy the best varieties in the market, because they are tender and hard to handle. The coarser kinds are easier to ship, and so the market-gardeners grow those kinds.

Yet, if the amateur is to make the most of his vegetable garden, he must prepare the ground well and make a little study of such matters as intercropping and succession cropping, which simply means keeping all the ground occupied all the time. He must use plenty of fertilizer and buy his seeds of a reliable seedsman rather than at the corner store.

## PLAN YOUR GARDEN

Upon receiving this catalogue it is well to consider your garden for the coming year. In the late winter and early spring evenings it is a pleasant and profitable pastime to take a seed catalogue, study and order the kinds of seed you want to grow, and **mark on the order sheet** the amount of each kind of vegetable and flower seeds you require. This "indoor farming" is great sport and can be enjoyed by the whole family, including the "kiddies."

Talking over and studying the cultural methods and habits of plants, the time to plant them, whether they require starting indoors or under glass, or can be planted in the open ground early or, as with some of the tender sorts, after all danger of frost is past—all help to make the garden a success.

## THE SEEDS

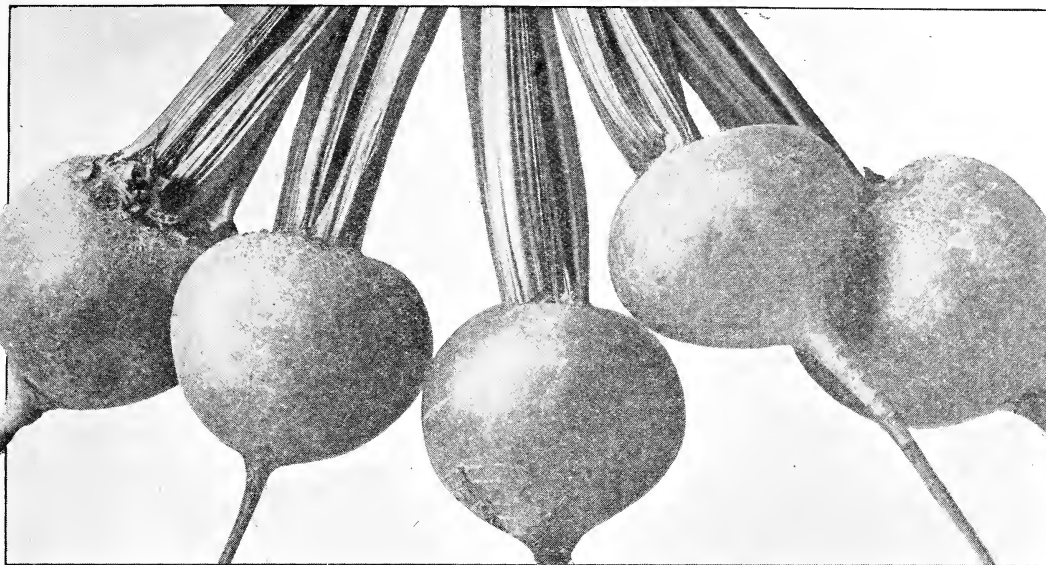
The seeds for the vegetable garden should be selected with care and purchased only from reliable seedmen who make it a business to supply seeds that are true to name, fresh, and reliable. We of **Chaapel's Seed Store** pride ourselves upon our knowledge of the seed business and the quality of our seeds, the service and information we are able to give our customers. Our long and continuous experience as seedmen gives us information as to the varieties best suited to your location, the amounts and kinds of fertilizers to use, the amounts and kinds of spray, and when to apply them. This we offer you free of charge.

## PREPARING THE SOIL

After the seeds have been selected and ordered, the next important operation for the successful garden is the preparation and fertilizing of the soil, the supplying of sufficient plant-food and humus to insure vigorous growth, by the application of farmyard manure or commercial fertilizers. The ground for the vegetable garden should be well plowed or spaded, harrowed, or raked. The seed-bed should be made as fine as possible, and, after the seeds are planted, cultivation should be thorough and regular so as to conserve the moisture and keep the weeds in control and the plants growing.

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**USEFUL INFORMATION ABOUT FERTILIZERS AND HOW TO APPLY THEM. PAMPHLET FREE ON REQUEST**



Boston Crosby Beet. An Improved Type of Crosby's Egyptian

## CHAAPEL'S SPECIALS FOR 1925

**N**EW VARIETIES of tried and tested merit which we are listing for the first time. It is our custom never to offer our customers freak varieties, but to be satisfied in knowing that in this catalogue are only the sorts that have proven satisfactory and have stood the test of time. In listing these specials we do so, feeling confident that we are offering our customers varieties that have stood the experimental stage, varieties which we **personally can guarantee and recommend.** We believe no garden can be complete without these sorts. To introduce them we are offering the collection at special prices.

### Special Introductory Offer

1 pkt. Bountiful Bush Beans.....	\$0 15	1 pkt. Golden Acre Cabbage.....	\$0 25
1 pkt. Boston Crosby Beet.....	10	1 pkt. Whipple Early Sweet Corn.....	15
1 pkt. Coreless Half-Long Carrot.....	10	1 pkt. Harris' Earliest Pepper.....	15
1 pkt. Fordhook Emperor Celery.....	10		

Complete collection postpaid, 75 cts.

\$1 00

### Boston Crosby Beet

A good selection from Crosby's Egyptian

with smaller tops and tap-roots, globular in shape, early, remarkably uniform, color black-red with deep purplish red flesh, almost free from lighter colored rings or zones. For the grower who objects to the lighter colored Crosby's, Boston Crosby Beet is the best introduction of a marketable size Beet of the highest quality. (See illustration, page 13.) Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.25.

### Coreless Half-Long Carrot

A half-long, cylindrical, blunt-pointed early, table Carrot, with a small tap-root and top. The roots are medium size, 6 to 8 inches long, being practically the same size from crown to bottom, and of a bright orange color. The flesh is of fine texture, tender, almost coreless, sweet and mild flavored of a rich orange-red color.

Being of attractive appearance, uniform in size and color and earliness, makes it an ideal Carrot for the market and home gardener. We strongly recommend this Carrot and urge its planting. Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.

### Whipple's Early (White) Sweet Corn

A new Corn as early as Cory and as large as Evergreen

The kernels are like Evergreen, deep and narrow and they are tender, very sweet, and delicious. The ears are 7 to 8 inches long, with 16 to 20 rows of good-sized kernels. They look like Evergreen—they taste like Evergreen. Pkt. 15 cts., ½pt. 20 cts., pt. 30 cts., qt. 50 cts., 4 qts. \$1.50, pk. \$2.75, bus. \$9.



Coreless Half-Long Carrot

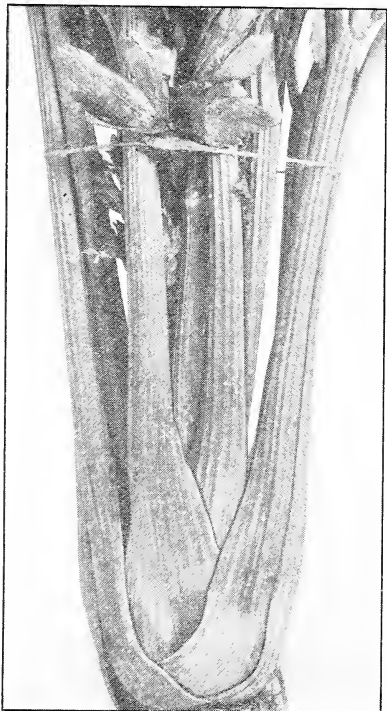


Golden Acre Cabbage

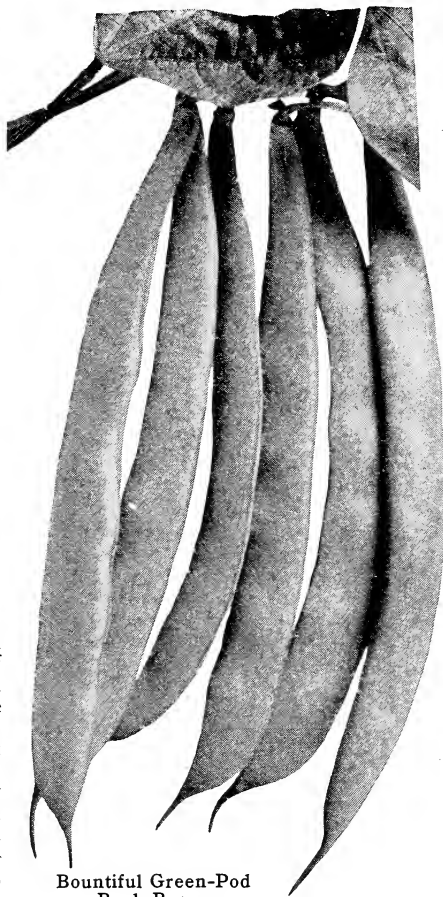
### Golden Acre Cabbage

This is an extra-early strain of Copenhagen Market, which it resembles in every respect except size. The heads are of medium size, weigh 4 to 5 pounds, are as round as a ball, and very firm. The plant is of dwarf, compact growth, the average plant having but thirteen leaves, which allows close planting. Practically all the plants make perfect heads and mature at very nearly the same time, making it an **ideal crop to be followed by late celery**. Golden Acre matures earlier than any other variety, heading a week earlier than Jersey Wakefield and ten to fifteen days earlier than Copenhagen Market. Matures in

80 days from planting of seed. Pkt. 25 cts.,  $\frac{1}{2}$ oz. 75 cts., oz. \$1.25,  $\frac{1}{4}$ lb. \$4.50.



Fordhook Emperor Celery



Bountiful Green-Pod Bush Beans

### Bountiful Green-Pod Bush Bean

A Flat Green-Podded Variety

A prolific and continuous bearer, the first in spring—the last in fall—stringless, very tender and of delicious flavor. A green-podded Bush Bean of superior quality, hardy, prolific, and extremely early. The first Bean fit to pick in the spring, having rich green pods entirely free from strings, of immense size, thick broad and extra long, uniform in shape, meaty and of a distinct delicious flavor. Pkt. 15 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.

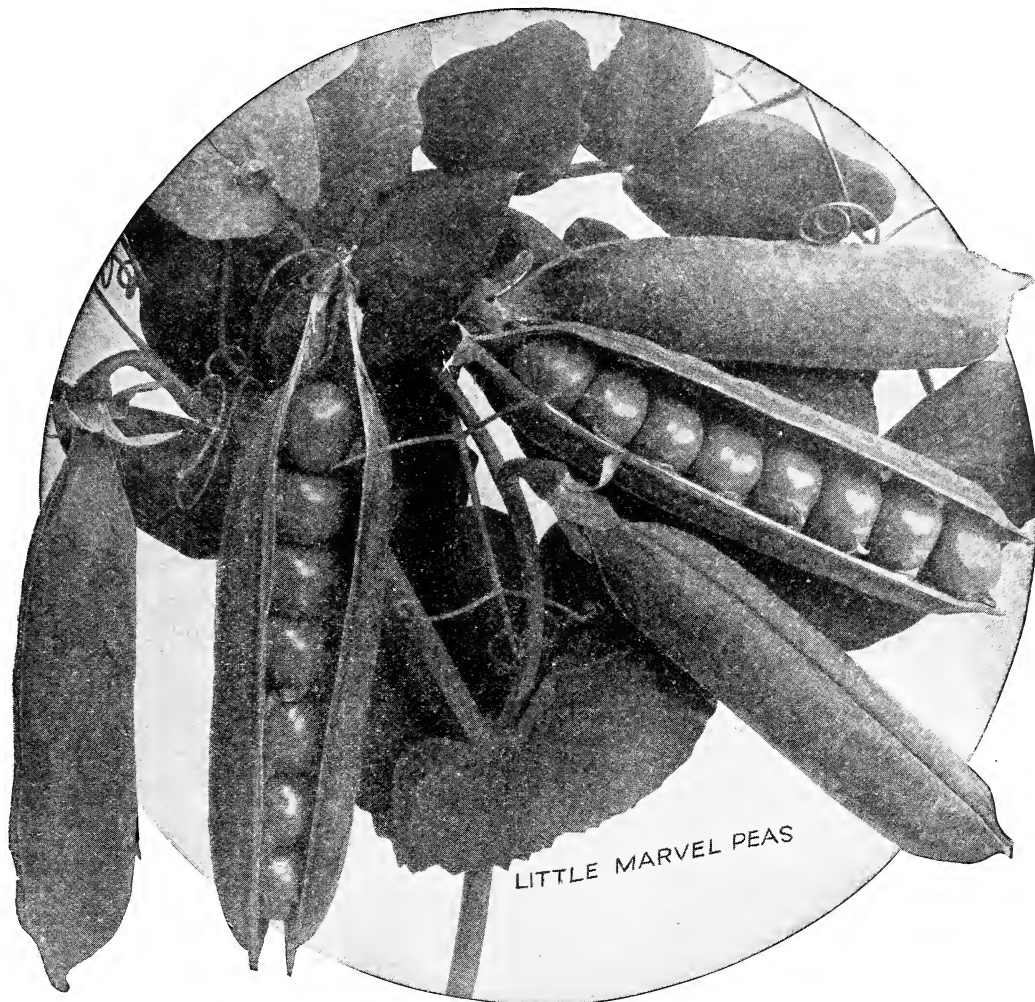
### Fordhook Emperor Celery

An acquisition of outstanding merit, and a Celery of unsurpassed quality, one that meets the exactions of the large and small grower for an extra-good sort. A dependable cropper and good keeper, Fordhook Emperor is of true dwarf type, having a rich dark green foliage with slightly savoyed leaves. It is not as subject to insect ravishes and plant diseases as other varieties and therefore easier to grow. It is of the same high quality as Giant Pascal but, unlike that and other quality Celeries, in less likely to produce hollow stalks. The stalks are smooth, brittle, very thick, solid and of a decided nutty flavor, blanching white with a heart tinged yellow. Fordhook Emperor has superseded most quality Celeries sold on the Williamsport market, and we join in recommending the variety to our customers. Pkt. 10 cts.,  $\frac{1}{2}$ oz. 35 cts., oz. 65 cts.,  $\frac{1}{4}$ lb. \$2, lb. \$7.50.

### Harris' Earliest Pepper

See description and prices on page 19.





## Little Marvel Dwarf Peas

As a large-podded, short-vined variety, Little Marvel stands at the head of its class

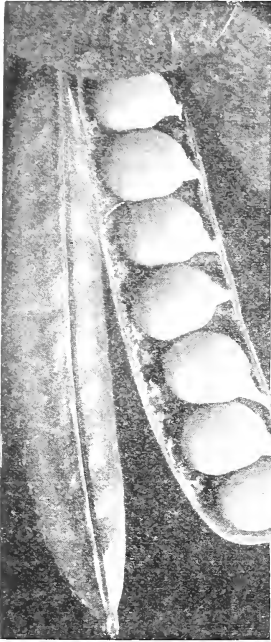
A new, dwarf, first-early Pea of unusual value, but recently on the market. The demand among market-gardeners for this variety is already enormous. The vines average 15 inches in height, and the pods  $2\frac{1}{2}$  inches in length, frequently borne in pairs. The pods contain six or seven large, dark green Peas, which remain in good eatable shape a week later than most other varieties. This variety is as early as Nott's Excelsior or American Wonder, but produces a much larger pod, and the vines produce a much heavier crop. Its dark green pods are a more attractive color than the light green sorts. A desirable Pea for both the home garden and market. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12. If wanted by parcel post, add postage, 10 cts. extra for first quart, 2 cts. for each additional quart.

## Thomas Laxton. The Popular Market Pea

Closely resembling but hardier than Gradus, and a more abundant yielder than the famous Gradus—as a long-podded extreme-early wrinkled Pea—and in some respects is even better! The growth is identical, but the pods are a deeper, richer green and square at the end. In the judgment of experts, Thomas Laxton is even sweeter and finer in flavor and as the large Peas are of a deeper green, they present a more attractive appearance. Thomas Laxton can be planted earlier than most wrinkled sorts. It is the first Pea of quality appearing in quantity on the markets.

*As a money-maker this Pea surpasses all others*

We highly recommend it for the market-gardener—our stock of this variety was especially grown for us. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.



Blue Bantam Peas

## Peas of Special Merit

### NORTHERN-GROWN

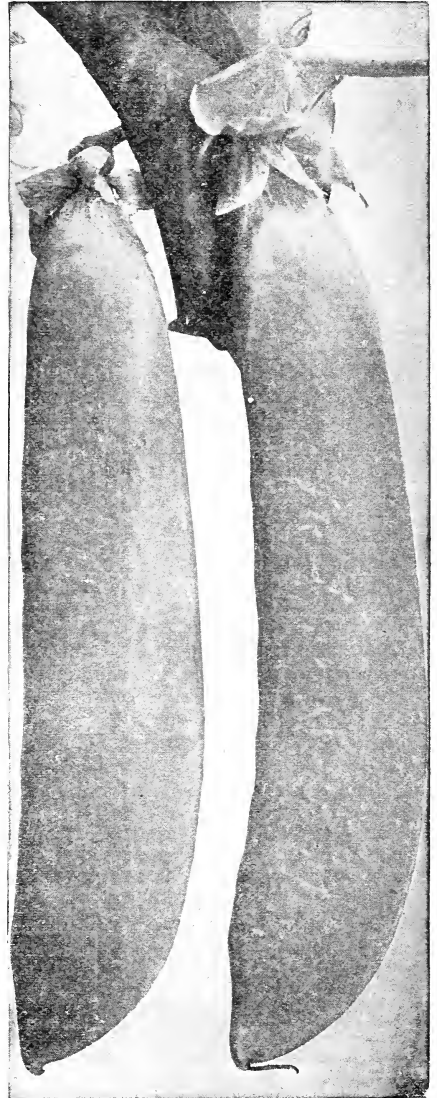
Sow the earliest varieties as soon as the ground can be worked in the spring. The wrinkled varieties are not so hardy as the smooth sorts and should not be planted quite as early. The rows must not be closer than 2 feet for the dwarf varieties, the taller Peas farther apart, sowing about 1 quart to 75 feet of row.

IF WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART

### Prizewinner. A New Main-Crop Pea

In this splendid variety, which comes to us from one of England's best Pea-breeders, we have an ideal dwarf, main-crop Pea, giving us as many and as large pods as the very tall varieties—in truth it is a fine "Dwarf Telephone." The vine is remarkably sturdy, reaching a height of 2½ feet, and the foliage is heavy and very dark green. The pods are from 4½ to 5 inches in length, very broad and heavy, straight, pointed, dark green and containing nine

very large deep green Peas of most excellent quality. We recommend the Prize-winner for a main-crop Pea where dwarf growth, productivity, and high quality are desired. Pkt. 10 cts., ½pt. 25 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.



Prizewinner Peas (Natural size)

### Blue Bantam, or Hundred Fold

#### A Telephone pod on a dwarf Pea

It is unequaled for combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large, deep bluish green pods. The handsome pointed pods, generally borne singly, measure 4 to 4½ inches long and are tightly packed with eight to ten large, deep bluish green Peas. These Peas are not only large in size, but of *most luscious flavor*. The pods are ready to pick as early as American Wonder, while double the size; in fact, they average fully as large as Gradus. Pkt. 10 cts., ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.

### New English Pea, Peter Pan

#### A Dwarf Gradus

This is the newest of the large-podded, extra-early, dwarf wrinkled Peas. The vines are dark green, extremely vigorous, growing 15 to 18 inches high. The pods are long and pointed and well filled with large, sweet, wrinkled Peas of most delicious quality. Pkt. 10 cts., ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.

### Alaska Earliest of all Peas

The earliest of all extra-early varieties. Can be planted as soon as the frost is out of the ground. Pods dark green, well filled and ripening uniformly. One of the best for the market-garden. Vines 2½ feet high. Pkt. 10 cts., ½pt. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.75, pk. \$3, bus. \$10.

Peas are different from all other vegetables—the seeds are large and only one stem grows from each seed. They do not tiller; the plant is not bushy. They must be planted close together—12 to 16 seeds to the foot.

While a 5-cent packet of lettuce or radishes might suffice for the family garden and yield sufficient portions for numerous meals, a like amount of Peas will not. It requires 1 pint to plant 40 feet of row. Peas form a profitable crop to grow. Plant all you have room for.

**OUR POLICY: RELIABLE SEEDS, REASONABLE PRICES**

## Garden Peas of Special Merit

*Wrinkled varieties are marked with a star (\*). The height is given after each variety*  
 Liberal packets, 10 cts., postpaid. If ordered by parcel post, add postage. See third page of cover

### Extra-Early Varieties

**Best Extra-Early.** Superior strain of the extra-early Peas; first to plant and most profitable. Height 2½ feet. ½pt. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.75, pk. \$3, bus. \$10.

**\*Sutton's Excelsior.** This is one of the most popular extra-early wrinkled varieties, especially with the market-gardener. Vines are dwarf and vigorous. Pods contain from six to eight large Peas, packed very closely together in the pod, making them more square than round. Pods average about 3 inches in length. Peas of superior quality. Height 15 inches. Pkt. 10 cts., ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

**\*Gradus (World's Record).** The best known of the large-podded early wrinkled Peas, maturing a few days later than the extra-early varieties. It is of superior quality in size and flavor, grows 3 feet high; a regular market-garden Pea. Pkt. 10 cts., ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.

**\*Premium Gem.** Extra early, prolific, and of delicious flavor. Height 15 inches. ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

### Second-Early and Late

**\*Everbearing.** Height 2 feet. ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

**\*Champion of England.** Height 5 feet. ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.

**\*Prince Edward, or PRODIGIOUS.** A new variety with pods even larger than Alderman. The pods often grow nearly 6 inches long and are well filled with large Peas of the very finest quality. Vines grow 4 feet tall and are fairly prolific. A grand variety for those who want the very largest and best Peas that can be grown. Season medium late. ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.

Inoculate  
 this seed with  
**NODULE-BACTER**

improves the land.

Inoculate your Peas with  
**Nodule-Bacter.** It helps  
 raise better crops and im-



Sutton's Excelsior Peas

**\*Horsford's Market-Garden.** Height 2½ ft. ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

**\*Telephone.** The most popular late tall Pea. Height 4½ feet. ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.

**Giant Luscious Sugar.** A new edible pod sort. Height 4 to 5 feet. ½pt. 30 cts., pt. 50 cts., qt. 75 cts.

**Mammoth Melting Sugar.** (Edible pods.) Large, broad pods; very brittle and stringless. Height 4 feet. ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.



Gradus or World's Record Pea

## Beans, Dwarf Wax or Butter

Liberal packets 10 cts. WE DO NOT PAY POSTAGE ON BEANS (EXCEPT PACKETS). IF ORDERED BY PARCEL POST, ADD 10 CTS. EXTRA FOR FIRST QUART, AND 2 CTS. FOR EACH ADDITIONAL QUART

We condense into the following list the best Wax or Butter Beans—sorts that yield and sell well in all sections

### Pencil-Pod Black Wax Dwarf or Butter Beans

The meatiest, crispest, most brittle, and entirely stringless Bean grown—the one "Best Bean." It is early, prolific, entirely stringless under all conditions, and can be grown for early spring, midseason, and late canning markets. It is of such superb quality that growers do not try to sell other wax varieties in competition with it. The seed is shining blue-black; the pods are large— $5\frac{1}{2}$  to 6 inches long—round, nearly straight and crease-backed, strictly stringless, free from fiber, fleshy and brittle, of the highest quality and of a clear yellow color, cooking with a delicious flavor. The bushes are dwarf, prolific, and sure croppers. This variety produces those beautiful, round yellow stringless Beans that are first to appear on our market stands each year. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12. Postage extra. See 3d page cover.

Inoculate  
this seed with  
**NODULE-BACTER**

### Bountiful or Webber Wax (Flat-Pod)

A high quality, flat-podded, stringless variety of the season of Wardwell's Kidney Wax. Pods 6 to  $6\frac{1}{2}$  inches long, quite broad and uniformly curved, fleshy, stringless and brittle, with little fiber. Plant more vigorous and productive than Wardwell's. Color of pod is a decided bright yellow. Seed yellow, kidney shaped. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12. Postage extra. (See illustration.)

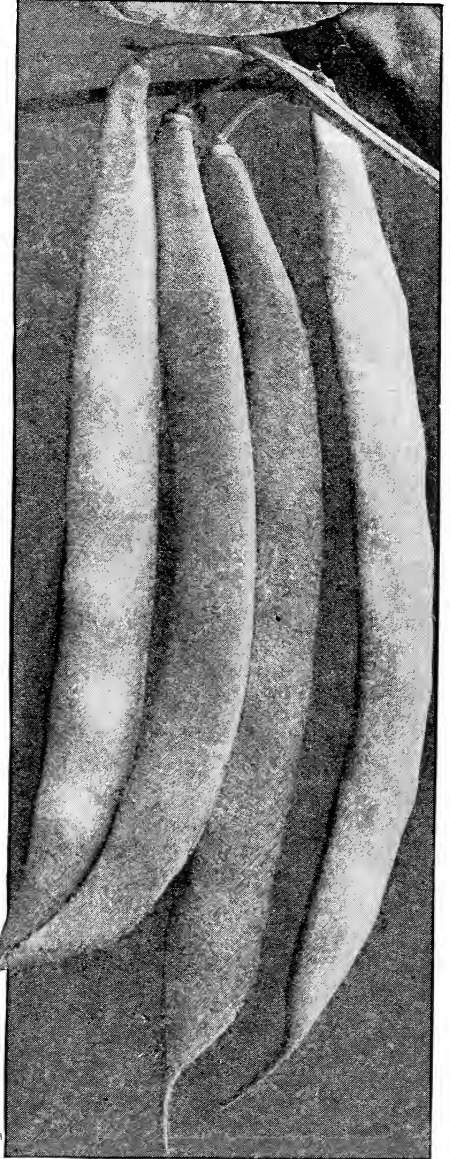
### Improved Rust-Proof Golden Wax

This Bean does well under almost all garden conditions, is always reliable and sure to produce a crop. It is one of the earliest of the popular six-weeks' dwarf Beans for the market and private home-gardens. The plants are erect, compact, and productive. The pods are of medium length,  $4\frac{1}{2}$  to 5 inches, nearly straight, broad, half-round, golden yellow, very fleshy, wax-like, and stringless. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12. Postage extra. See 3d page cover.

**DAVIS' WHITE KIDNEY WAX.** An early, productive, and attractive wax variety. Pods large and flat,  $6\frac{1}{2}$  to 7 inches long, very uniform, extremely straight, stringy, fibrous, and of fair quality. Color clear, bright yellow. Seed white and kidney-shaped. A market-gardener's sort. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12. Postage extra.

**WARDWELL'S KIDNEY WAX.** One of the best large-podded varieties. The medium-sized plant becomes loaded with long, broad, flat, beautiful waxy pods, which are stringless and exceedingly brittle; the dried Beans are of a distinct kidney shape. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12. Postage extra. See 3d page cover.

**HODSON WAX.** A vigorous grower and the yield of large, handsome pods is enormous. Their color is a clear creamy white; very long, straight, or slightly curved, flat but fleshy. While late in maturing, the remarkable vigor of the plant is an effectual safeguard against blight and other Bean diseases. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.



Webber Wax Bush Beans

Postage Extra.  
See Third Page Cover

## Green-Podded Dwarf or Bush Beans

IF BEANS ARE WANTED BY PARCEL POST ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART

**BURPEE'S STRINGLESS GREEN-POD.** Very hardy and extremely early sort of extra-fine quality. Vigorous; upright in habit; extremely early; handsome appearance; finest quality of pods. Stringless Green-Pod is the quickest to produce; pods of a rich green, very round and straight, 5 to 6 inches long, solidly meaty. The pods are brittle and of finest flavor, tender, always stringless even when fully matured; extra hardy. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.

**IMPROVED EARLY RED VALENTINE.** The healthy, vigorous plants are unusually hardy, successfully withstanding early frosts; it may therefore be planted very early. It will always yield a large crop of handsome, long, round, fleshy pods. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.

**BOUNTIFUL GREEN-POD.** Best of the flat-podded stringless varieties. Pods  $6\frac{1}{2}$  to 7 inches long, thick, flat and slightly curved, stringless, slightly fibrous, attractive and of fine quality; color light green. Very early, vigorous, hardy, and productive. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. \$12.



Burpee's Stringless Green-Pod Beans

## Bush Field Beans Shell, Soup, or Baking Varieties

**WHITE MARROW.** Everybody uses them. It is a good, profitable crop to grow. Pkt. 10c.,  $\frac{1}{2}$ pt. 15c., pt. 25c., qt. 50c., 4 qts. \$1.35, pk. \$2.35, bus. \$9.25.

**WHITE KIDNEY.** The Beans are white and larger than White Marrow. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.35, pk. \$2.35.

**BOSTON SMALL PEA or NAVY.** Produces small, white Beans, suitable for soup or baking. One of the best for this purpose. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.35, pk. \$2.35.

**RED KIDNEY.** An old variety; very popular. Seed is red; plant grows dwarf. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.35, pk. \$2.35.

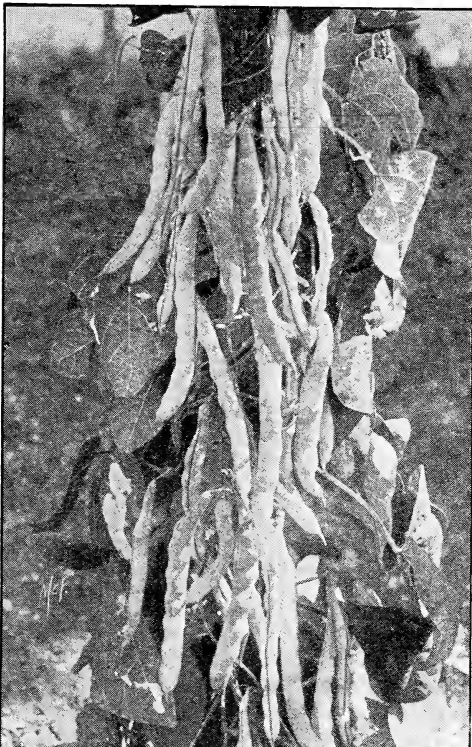
## Pole or Running Beans

These are of strong, running growth, and need stout poles on which to climb. They require a longer season in which to mature than do the bush varieties, but by reason of their stronger growth are more productive and, growing on poles, are more easily gathered. Several varieties are desirable as Shell Beans.

**EARLY GOLDEN CLUSTER WAX.** Very early; fine quality; stringless; very productive; remains tender long after pods are developed. Beautiful golden yellow pods, very broad and 8 to 12 inches long. Good both for snap and shelling. (See illustration.) Pkt. 10 cts.,  $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50.

**KENTUCKY WONDER, or OLD HOMESTEAD.** The pods, 7 to 9 inches long, are so fleshy that they are *greater in width than breadth*, being deeply creased or *saddle-backed*. They are solidly meaty, stringless when young, and of finest quality. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50.

**LAZY WIFE'S.** The pods, of medium dark green color, measure from  $4\frac{1}{2}$  to 6 inches in length. They are broad and retain their rich, tender, and stringless qualities until nearly ripe. Each pod contains from six to eight round white Beans, which make excellent winter Shell Beans. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.



Early Golden Cluster Wax Pole Beans

## Bush Lima Beans

**Burpee's Improved Bush Lima.** The best of the dwarf Limas, having enormous pods filled with Beans that are larger and thicker than the old Burpee's Bush Lima and fully a week earlier. The Beans are meatier and better flavored and retain their greenish appearance much longer than the old type and they are heavier croppers.

**BURPEE'S IMPROVED.** This is about the earliest maturing of the large-seeded Limas. The plants are vigorous and productive. The pods are medium green, very large, about 5 inches long, thick and usually contain four Beans, which are unusually thick, of largest size and of excellent quality. Seed very large, thick, and usually shows a greenish white tinge which is generally considered an indication of superior quality. One of the best and most extensively used Bush Limas for the market as well as home-garden. Pkt. 15 cts.,  $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 85 cts., 4 qts. \$2.75, pk. \$5, bus. \$18.

**The Fordhook Bush Lima** is superior in many respects, being a shorter and thicker Bean, more round than long. In Northern localities both the Bush and Pole Limas are difficult to get through the ground, due to their manner of growth and the desire of gardeners to plant before the soil and weather conditions are right. To obtain the best success in planting Lima Beans, do not plant too early, have the ground thoroughly worked and fertilized, and plant the Bean edgewise with the eye down; a good way is to just press them into the soil. Do not cover more than 1 inch,  $\frac{1}{2}$ inch is better.

**FORDHOOK.** An improved Dwarf Lima of the Kumerle type, but much more productive and matures earlier. It is sometimes called Potato Bush Lima. The plants are vigorous and erect, bearing well above the ground. The pods, which are produced in large clusters, are medium green, about  $4\frac{3}{4}$  inches long and each contains three to five large Beans of exceptionally fine quality. Seed large, irregularly oval in shape, very thick, white with greenish tinge. This sort is popular for home and market use, especially in the East. Pkt. 15 cts.,  $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 85 cts., 4 qts. \$2.75, pk. \$5, bus. \$18.

We supply liberal packets at 15 cts. each, postpaid

IF WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART

## Pole or Climbing Lima Beans

A good warm loam is required to grow the Pole and Bush Limas successfully. Put five or six seeds in hills 3 to 4 feet apart each way, placing them edgewise, with the eye downward, and covering 1 inch deep. Pole Limas require poles 7 feet high. Pinch back when the vine reaches top of the pole and the yield will be increased.

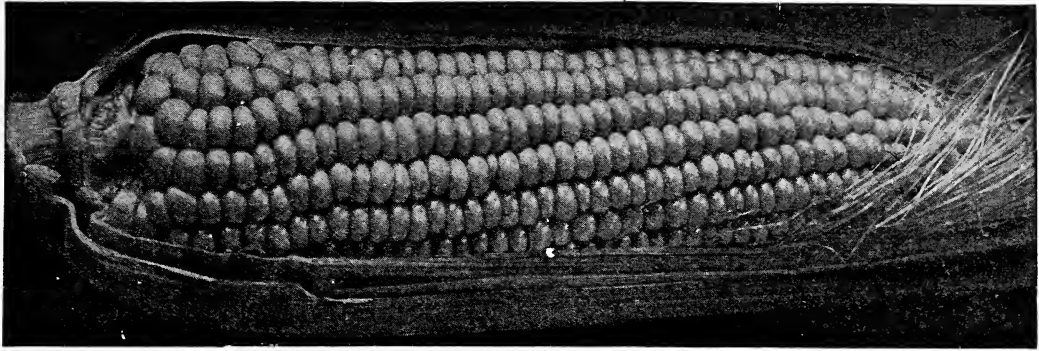
Burpee's Improved Bush Lima Beans

**GIANT PODDED.** The largest-podded Lima in cultivation and of extremely vigorous growth. The pods, which mature in midseason, are borne in clusters of six to eight, and measure about 7 inches long by  $1\frac{1}{2}$  inches broad; Beans extra large and of excellent quality. Undoubtedly the best of all the large-podded varieties. Pkt. 15 cts.,  $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4, bus. \$15.

**EARLY LEVIATHAN.** This is the earliest, large-podded Pole Lima that we know. Very large pods are produced in clusters and in great abundance, often containing five Beans which are of good size and of the finest quality. Pkt. 15 cts.,  $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4, bus. \$15.

**KING OF THE GARDEN.** The vines of this standard Pole Lima are very vigorous and productive. The pods are medium dark green, very large, 5 to 6 inches long, broad, flat, filled with four or five very large white Beans of finest quality. On account of its large pods it is a favorite with market-gardeners. It will come into bearing earlier and make larger pods if not more than two vines are left to grow on a pole. Seed very large, ovoid, flat, white, with slight greenish tinge. Pkt. 15 cts.,  $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4, bus. \$15.

King of the Garden Pole Lima Beans



Howling Mob

## Sweet or Sugar Corn

One quart plants 200 hills;  
1 peck to the acre

It is conceded by almost everybody that Golden Bantam is the finest extra early Sweet Corn, but you should try the New Golden Sweet Corn, Bantam Evergreen. Mammoth White Cory and Whipple's Early are the sweetest and most prolific of the extra-early white varieties.

Howling Mob and Kendel's Early Giant are the largest, finest early Sweet Corns, noted for their extreme earliness and large ears. Early Minnesota is the most popular of the second-early varieties; ears of fair size and good quality. Rice's Early Evergreen is about 10 days earlier, equal in quality and almost as large as Stowell's Evergreen; a most popular variety. Country Gentleman is entirely distinct; cob small, with deep, pearly white, pointed grains. Stowell's Evergreen, the standard main crop, is of the best quality; ears and foliage large; it is the best-known variety for the home and market-garden.

IF CORN IS WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART,  
2 CTS. FOR EACH ADDITIONAL QUART

**Howling Mob.** A Sweet Corn that produces, early in the season, a large ear possessing the paper whiteness and the sweet flavor of the late varieties. The stalks are strong, of vigorous growth—5 feet high—with abundant foliage, producing two good ears to the stalk. Ears measure 8 to 9 inches, with 12 to 14 rows of good-sized pearly white sugar-sweet grains. In size and quality Howling Mob resembles the later varieties; in earliness, the extra-early varieties, coming on but a week later than Mammoth White Cory. A great Corn for the home and market-garden. Pkt. 10 cts., ½pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8. Postage extra.

**Kendel's Early Giant.** Remarkably large in ear for a second-early sort and extensively grown in some localities for the market. The stalks are about 5½ feet high. The ears are about 8 to 9 inches long, 12-rowed. The grain is white, rather broad and shallow, and the quality is very good. Pkt. 10 cts., ½pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

**Country Gentleman.** (Shoe-Peg.) The exceptional quality and depth of grain make it one of the best eating varieties. Besides this, it remains tender and fit for use longer, perhaps, than any other sort. The stalk grows 6½ to 7 feet high; the ears are from 6 to 7 inches in length and are well filled at the ends. The eating qualities of this variety are very good, and the small cob allows room for full development of deep, sweet kernels. The stalks often bear two and three ears each. Pkt. 10c., ½pt. 15c., pt. 25c., qt. 40c., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

**Early Minnesota.** An early sort with 6-foot stalks bearing one or two ears. Ears 8 inches long, 8-rowed; kernels broad, sweet, tender. Pkt. 10 cts., ½pt. 15 cts., pt. 25c., qt. 40c., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

**Rice's Early Evergreen.** A variety possessing the good qualities of Stowell's Evergreen and maturing fully a week earlier—about August 1. Stalks about 7 feet high; ears 7 inches or over; kernels deep, narrow, tender, and very sweet. Stays in its prime a long time. A splendid home-garden or market type. Pkt. 10 cts., ½pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

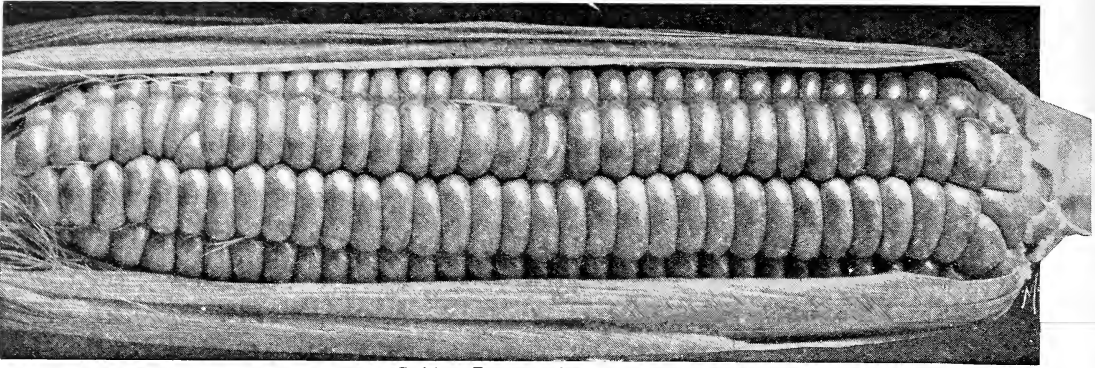
**Stowell's Evergreen.** This is considered the standard late or main-crop variety throughout the country. Our strain of this is extra choice and we spare no efforts to constantly improve it. The stalks grow 7 to 8 feet high. Ears average 8 inches long, are well-filled with numerous rows of slim, deep kernels of good quality. The standard for canners. Pkt. 10 cts., ½pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

## Pop-Corn

**Queen's Golden.** A smooth yellow variety that is very prolific and of excellent quality. The grains pop perfectly white and very large. Ears 6 inches long, well filled; kernels smooth, and a rich golden color; cob white. Usually bears two ears to a stalk. Pkt. 10 cts., ½pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

**White Rice.** An old standard variety that matures a little earlier than Queen's Golden. The ears are shorter; kernels deep, sharp and of a pale yellow color. Very prolific and of excellent quality when popped. Pkt. 10 cts., ½pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

IF WANTED BY PARCEL POST, ADD POSTAGE.  
See Third Page Cover



Golden Bantam Sweet Corn

## Sweet Corns of Special Merit

### Whipple's Early (White) Sweet Corn

A new Corn as early as Cory and as large as Evergreen. The kernels are like Evergreen, deep and narrow. They are tender, very sweet and delicious. The ears are 7 to 8 inches long, with 16 to 20 rows of good-sized kernels. They look like Evergreen, they taste like Evergreen, yet they mature three weeks earlier, a few days later than Cory and a week ahead of Howling Mob. Pkt. 15 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 30 cts., qt. 50 cts., 4 qts. \$1.50, pk. \$2.75, bus. \$9.

### Mammoth White Cory

#### THE EARLIEST SWEET CORN GROWN

One of the sweetest Corns grown. Our stock of this popular extra-early Sweet Corn has been bred for earliness, size, and sweetness, and we recommend it to all our customers who specialize in extra-early Sweet Corn. Usually produces two handsome ears on each stock, 7 to 8 inches long, having 10 to 12 rows of broad, pearly white grains, tender and sweet, of the best table quality. Pkt. 10c.,  $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8. If wanted by parcel post, allow for postage. See 3d page cover.

### Golden Bantam

#### THE EARLIEST AND SWEETEST YELLOW-GRAINED VARIETY

This variety is becoming each year more firmly fixed in popular favor because of its extremely early character and vigorous growth. It is actually the finest flavored of all Sweet Corns and is pronounced by thousands of planters the finest extra-early Sweet Corn ever grown. Golden Bantam is as distinct in flavor from that of the white varieties as in color, being almost literally "sweet as honey." It is, without doubt, the best variety of Corn we know of. Having once tasted the flavor of Golden Bantam Corn, to the connoisseur the taste of other varieties becomes commonplace. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8. Allow for postage, if wanted by parcel post. See 3d page cover.

### Bantam Evergreen

#### THE GREATEST SWEET CORN EVER INTRODUCED

Bantam Evergreen is a late introduction of the Golden Sweet Corn, a cross between Golden Bantam and Stowell's Evergreen—and now running nearly true to type; equal to both parents in rich sweetness and tender quality. The cob is just the right size for eating. People who regard Golden Bantam as "a wee bit too small" and Stowell's Evergreen as "a bit too large," find in Bantam Evergreen the long-sought-for Sweet Corn of the right size, golden color, and superior quality. The kernels are plump, nearly as broad as Golden Bantam, and not quite so deep as Stowell's Evergreen, cream-colored, tender, sweet, and delicious. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8. Postage extra. See 3d page cover.



Whipple's Early Sweet Corn



## Table Beets

Beets are so easy to grow you should plant at least a row or two in your garden. They may be cooked and sliced for salads; buttered beets are delicious; a few jars of pickled beets will be a treat in the winter. If you like greens you will appreciate Beets and swiss chard. Sow as early as the ground can be prepared. For fall and winter use make a later sowing. Sow 1 ounce to 50 feet of drill.

**BOSTON CROSBY.** A good selection from Crosby's Egyptian with smaller tops and tap-roots, globular in shape, early, remarkably uniform, color black-red with deep purplish red flesh, almost free from lighter colored rings or zones. For the grower who objects to the lighter colored Crosby's, Boston Crosby Beet is the best introduction of a marketable size Beet of this highest quality. Pkt. 10 cts.,  $\frac{1}{2}$ oz. 15 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.25. (See illustration below.)

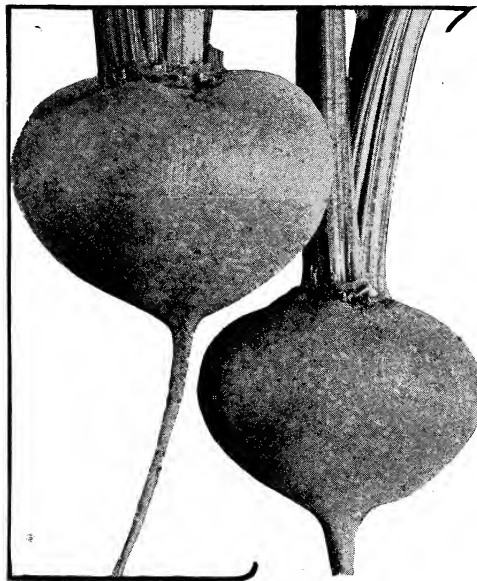
**Detroit Dark Red.** Form globular, smooth roots, with small tops; skin blood-red; flesh dark red, tender and sweet. Deservedly a popular favorite for canning, because of its extra-deep dark red color. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1, 10 lbs. \$7.50.

## Mangel-Wurzel Stock Beets

Greatest milk-producing root grown

Sow in May and June, 5 to 6 pounds to an acre in rows  $1\frac{1}{2}$  to 2 feet apart, and thin to 8 inches between plants

The value of Mangels for stock-feeding is clearly seen in the improved health and condition of the animals, the increased flow and quality of milk from cows, and the saving in fodder. They yield enormously and can be grown at trifling cost. About one-fourth of the daily rations should be of roots. They are also excellent feed for poultry. Read 3d page cover.



Boston Crosby Beets

**LARGE SILVER SWISS CHARD.** Grown for the leaves only, and cooked like spinach. The midrib is prepared like asparagus. It is hardy and productive, with broad green leaves and large white midribs or chards of excellent quality; can be sown at different seasons of the year, giving successive greens. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

DO YOUR SEED BUYING EARLY, FOR A SEED STORE IN APRIL OR MAY IS LIKE A TOY STORE ON THE NIGHT BEFORE CHRISTMAS.



Detroit Dark Red Beet

**Golden Tankard.** Yellow flesh; large and sweet; a heavy cropper. Considered best for poultry as it is less fibrous. Oz. 10 cts.,  $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., 10 lbs. \$4.

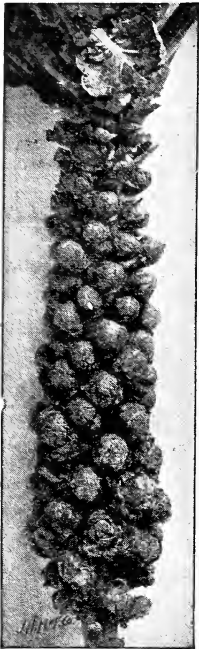
**Long Red Mammoth Prize.** The most popular variety; grows above ground. Attains enormous size, producing the largest tonnage per acre. Oz. 10 cts.,  $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., 10 lbs. \$4.

## Swiss Chard, or Spinach Beet

**GIANT LUCULLUS** (Crumpled-leaved Swiss Chard). A new variety with larger stems and closely crumpled leaves. The leaves, instead of being smooth, are deeply and closely crumpled, similar to a savoy cabbage. Yields a constant crop from July until winter. Rib can be used like Asparagus. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.



Giant Lucullus Swiss Chard



Brussels Sprouts

## Asparagus

### Washington Rustproof.

This new strain is the result of years of plant-breeding conducted by the Bureau of Plant Industry of the U. S. Department of Agriculture. It is a rust-resistant, vigorous, high-yielding strain of giant Asparagus, and by comparison with all other varieties which have been in standard use during recent years, the Washington strain stands in a class by itself. Pkt. 10c., oz. 45c.,  $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

### Asparagus Roots

Supplied after April 1. Use about 4,000 plants to an acre. Tied in bunches of 50 each.

**Martha Washington.** 2-year-old plants, 50 cts. per doz., \$1.75 per 100, \$15 per 1,000.

If by mail add postage as follows: Doz., 10c.; 100, 25c.

## Brussels Sprouts

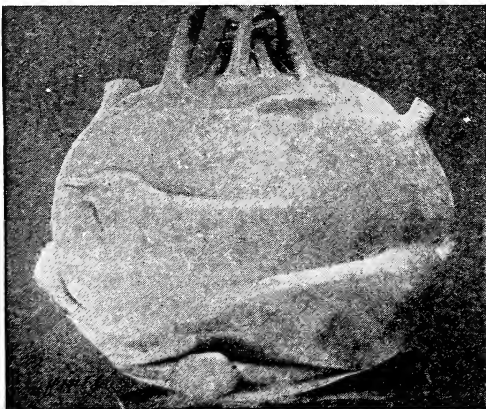
**Carter's Perfection.** A species of cabbage; cultivation is the same. A new variety of fine quality and compact growth. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$2.50.

## Corn Salad

**Large Green-Cabbaging.** Liked as a substitute for lettuce. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$ lb. 60c., lb. \$1.50.

## Kohlrabi TURNIP-ROOTED CABBAGE

It is regrettable that this splendid vegetable is not more widely used. We would suggest that you give it a trial and, if pleased with it, recommend it to your friends. The edible part is the turnip which grows above the ground. Prepared and served like turnips. Two varieties, **White** and **Purple Vienna**. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



White Vienna Kohlrabi

## Carrots

### TABLE VARIETIES

### Coreless.

This comparatively new variety is by far the earliest of its type, but its earliness does not affect in any way its size or quality. It is a half-long, cylindrical, blunt-pointed variety, with a very small tap-root and small, fine top. The shape and size are extremely uniform, averaging 6 to 7 inches in length and  $1\frac{1}{2}$  inches in diameter, clean-skinned, smooth, and easily pulled. The flesh is very fine-grained, absolutely without any woody heart or core, and entirely free from stringiness and coarseness. The color of the flesh is a rich red-orange, and its flavor is of the finest. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

**Danvers Half-Long.** The best sort for the family garden; grows 6 to 8 inches in heavy soil; roots dark orange in color. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$ lb. 35c., lb. \$1, 10 lbs. \$8.

**Chantenay Half-Long.** Medium early; roots smooth, bright orange and of fine quality; stub nose; excellent market sort. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1, 10 lbs. \$8.

**Improved Long Orange.** Excellent for stock or table use; roots deep orange, 12 to 15 inches long, in rich soil. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1, 10 lbs. \$8.

## Dandelion

**Improved Broad-leaved.** A new strain, highly recommended for market-gardens. Pkt. 10 cts., oz. 75 cts.,  $\frac{1}{4}$ lb. \$2.50, lb. \$8.

**Cultivated, or French Common.** Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.75, lb. \$6.

## Garden Cress

**Extra-curled, or Pepper Grass.** Its very desirable pungent taste is acceptable to most anyone who is fond of garden greens and garnishes. It is eaten as gathered, prepared with either a little salt and vinegar, or without; makes a very tasty salad. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$ lb. 35c.

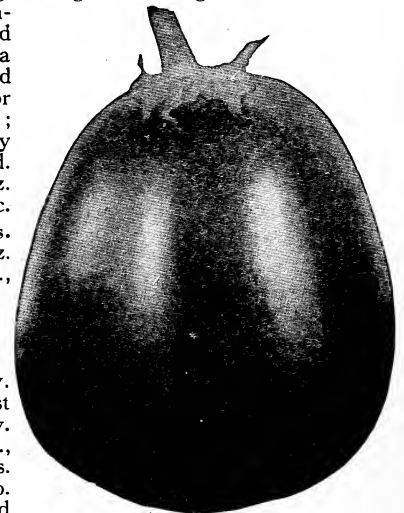
**Water Cress.** Pkt. 10c.,  $\frac{1}{2}$ oz. 20c., oz. 30c.,  $\frac{1}{4}$ lb. \$1.

## Eggplant

**Black Beauty.** The earliest large variety. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$ lb. \$1.40, lb. \$5.50. Read 3d page cover.



Danvers Half-Long Carrot



Black Beauty Eggplant

# Cabbage

## New Early Copenhagen Market



Copenhagen Market Cabbage

The type is thoroughly fixed, the heads maturing all at the same time, this being a great consideration to market-gardeners, entailing less labor in harvesting the crop, and allows the ground to be cleared at the first cutting. The heads average about 8 pounds each in weight, are very solid, with small core and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield to the acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. The plants can be set closer than other varieties of similar size. Pkt. 10 cts., 1/2oz. 20 cts., oz. 35 cts., 1/4lb. \$1, lb. \$3.50, 10 lbs. \$30.

## New Extra-Early Golden Acre Cabbage

Golden Acre matures earlier than any other variety, heading a week earlier than Jersey Wakefield and ten to fifteen days earlier than Copenhagen Market. Matures in 80 days from planting of seed. See special description and illustration on page 4. Pkt. 25 cts., 1/2oz. 75 cts., oz. \$1.25, 1/4lb. \$4.50.

### WELL-KNOWN STANDARD VARIETIES

Prices on Cabbage seed listed below, except where noted, pkt. 10 cts., oz. 25 cts., 1/4lb. 75 cts., lb. \$2.50

**Burpee's All-Head Early.** Flat heads; sure header.  
**Charleston Wakefield.** Large pointed heads.  
**Danish Ballhead.** Best winter sort, round head.  
**Danish Round Head.** Very hard, short stem.  
**Early Flat Dutch.** A good early variety.  
**Henderson's Early Summer.** Standard variety.  
**Premium Late Flat Dutch.** Flat head.

**Houser.** A large, solid heading, late sort, quite thickthrough. Pkt. 10c., oz. 50c., 1/4lb. \$1.50, lb. \$5.  
**Early Jersey Wakefield.** Extra early pointed.  
**Early Winnigstadt.** The heads are cone-shaped.  
**Rice's Surehead.** Finest late Cabbage.  
**Red Rock.** Best red sort.  
**Savoy Perfection Drumhead.** Best of the Savoy.

## Chinese Cabbage (Wong-Bok)

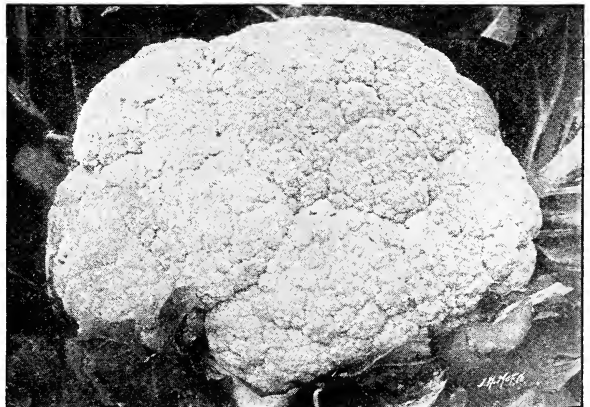
A NEW VEGETABLE WHICH SHOULD BE GROWN IN EVERY GARDEN

This delicious vegetable is also known as "Celery Cabbage," "Chinese Lettuce," etc. It is a species of Cabbage with a fine, delicate flavor, resembling a stalk of celery more than a Cabbage head. It is as tender as head lettuce, with a mild and delicate flavor; excellent as a salad or cole-slaw, and if cooked quickly (being very tender) it is much better than Cabbage or turnips.

It is a cool-weather plant, being sensitive to extremely hot weather and can be grown to best advantage in early spring and fall. The plants should be transplanted when small, same as late Cabbage, allowing 18 to 20 inches between plants. You should try it this year. Pkt. 10c., oz. 30 cts., 1/4lb. 90 cts.

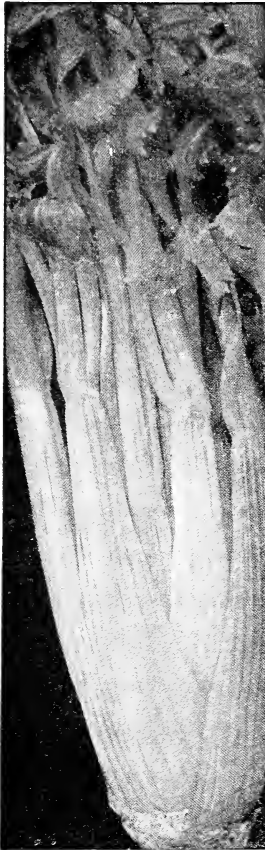
## Cauliflower, Henderson's Early Snowball

This is undoubtedly the finest variety ever introduced; it is the earliest, and produces beautiful snow-white heads of the most delicious flavor. A splendid market variety. The seed we offer is pure and genuine, and sure to prove satisfactory. The culture of Cauliflower is very similar to that of cabbage. It is best to select new ground, as it does not succeed where other vegetables have been grown year after year. Pkt. 15 cts., 1/8oz. 45 cts., 1/4oz. 75 cts., oz. \$2.



Henderson's Early Snowball Cauliflower

One ounce of Cauliflower or Cabbage Seed will make 3,000 plants



Giant Pascal Celery

## Fordhook Emperor Celery

An acquisition of outstanding merit, and a Celery of unsurpassed quality, one that meets the exactions of the large and small grower for an extra good sort. A dependable cropper and good keeper, Fordhook Emperor is of true dwarf type, having a rich dark green foliage with slightly savoyed leaves. It is not as subject to insect ravishes and plant diseases as other varieties and therefore easier to grow. It is of the same high quality as Giant Pascal but, unlike that and other quality Celeries, is less likely to produce hollow stalks. The stalks are smooth, brittle, very thick, solid and of a decided nutty flavor, blanching white with a heart tinged yellow. Fordhook Emperor has superseded most quality Celeries sold on the Williamsport market, and we join in recommending the variety to our customers. Pkt. 10 cts., 1/2oz. 35 cts., oz. 65 cts., 1/4lb. \$2, lb. \$7.50.

## Giant Pascal Celery

THE FINEST-FLAVORED CELERY GROWN

Giant Pascal is, without doubt, the best Celery for the home market. Has a fine, nutty flavor; is crisp, tender, and a good keeper. Unfortunately, this grand Celery requires careful attention during the growing season. It, as well as other Celery, must be sprayed early and often to prevent blight and keep in control the Celery beetle. This variety should not be transplanted to the field until the first of July. It is a winter Celery and not suited for summer or early fall use. The ground should be well prepared, fairly fertile and fertilized heavily with acid phosphate and potash. If the ground contains too much nitrogen, Celery will grow too rank and become hollow. Our stock of Giant Pascal is the best obtainable, high grade and pure bred, grown by the most careful Celery specialist in France. Our other varieties are equally well grown and pure bred. Pkt. 5 cts., oz. 30 cts., 1/4lb. 75 cts., lb. \$2.25.

<b>Garrahan's Easy-blanching.</b> A superior strain	Pkt.	Oz.	1/4lb.	Lb.
of easy-blanching Celery.....	1/2oz.	65 cts.	\$0 25	\$2 00
<b>Sanford's Easy-blanching.</b> A commercial strain of Easy-blanching Celery.	1/2oz.	40 cts.	10	65 \$2 00 7 50
<b>Dwarf Golden Heart.</b> An excellent variety.....	10	35	75	2 25
<b>Dwarf Golden Self-blanching.</b> French-grown.....	10	65	2 00	
<b>Improved White Plume.</b> Early; silvery white...	10	35	75	2 25
<b>New Rose.</b> Best of all red varieties; fine keeper..	10	35	75	2 25
<b>Winter Queen.</b> Winter variety; very reliable...	10	35	75	2 25

ONE OUNCE OF CELERY SEED WILL PRODUCE 7,000 PLANTS

## Cucumber

One ounce will plant 50 hills;  
two pounds will plant an acre

**Davis Perfect.** The long, even fruits are of fine form, with an intensely dark, rich green skin; has very few seeds; solid, white flesh, of superb quality for slicing. So handsome and regular are the fruits that they bring an extra price on market—often being taken for "hothouse-grown." Pkt. 10 cts., oz. 15 cts., 1/4lb. 45 cts., lb. \$1.25.

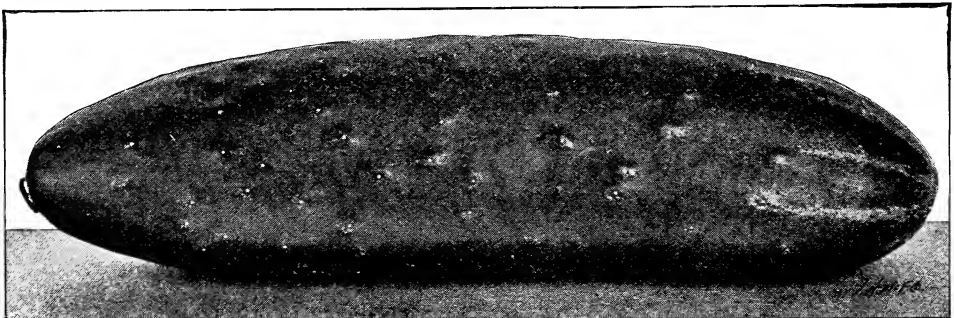
**Early Fortune.** The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits 8 inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance. Pkt. 10 cts., oz. 15 cts., 1/4lb. 45 cts., lb. \$1.25.

**Snow's Perfected Pickle.** The most symmetrical, best formed and productive pickling sort; early, small and dark green. Pkt. 10c., oz. 15c., 1/4lb. 45 cts., lb. \$1.25.

Prices of the following varieties, pkt. 10 cts., oz. 15 cts., 1/4lb. 45 cts., lb. \$1.25

**Long Green Improved.** Standard sort.  
**White Spine, Arlington Improved.** Very reliable for all purposes.

**Boston Pickling.** One of the best for pickling.  
**Fordhook Pickling.** Very prolific variety.  
**Early Cluster.** Fruit small; light green.



Davis Perfect Cucumber

## Endive

One ounce will sow a row about 200 feet long

**Giant Fringed** (Oyster Endive). A strong-growing variety with a large white heart and broad leaves, the heads frequently measuring 15 inches in diameter. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.

**Broad-leaved Batavian.** Heads large, leaves broad and slightly wrinkled. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.

**Green Curled Winter.** Hardest variety. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.

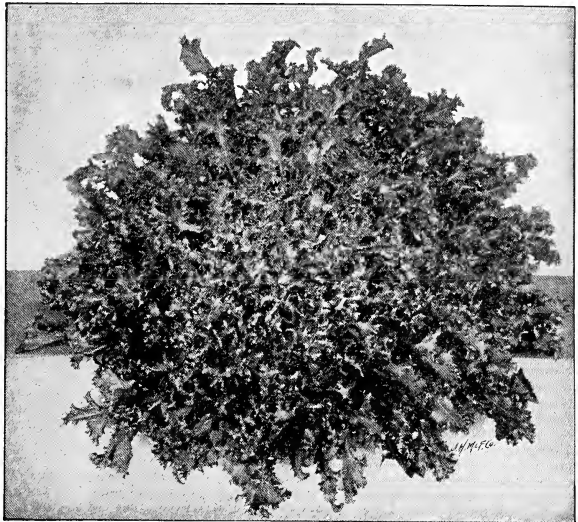
**White Curled.** For early use. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.

## Spinach

One ounce will sow a row about 100 feet long

**Savoy-leaved, or Bloomsdale.** Leaves are very curled and crumpled. It is early and very hardy, being splendid for fall use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 15 cts., lb. 50c.

**Victoria.** The leaves are very dark green and of the true savoy type. It winters over better than other varieties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 15 cts., lb. 50 cts.



Giant Fringed Endive



Hollow Crown Parsnips

## Hollow Crown Parsnip

Standard variety. A large cropper, sugary and popular for general cultivation; tapering roots, smooth and fine grained, excellent for winter use. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.

## Pumpkin

Liberal packets, 5 cts.

**Connecticut Field.** The popular field variety. Oz. 10 cts.,  $\frac{1}{4}$ lb. 30 cts., lb. 60 cts.

**King of the Mammoths.** The giant among Pumpkins. Oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$1.75.

**Livingston's Cushaw.** Mottled green and white-striped. Oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

**Small Sugar.** The New England pie Pumpkin. Oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

**Winter Luxury, or Sugar Pie.** Round, medium in size, with a golden yellow skin closely netted like a netted muskmelon; of fine quality and an exceptionally good keeper. A superior pie Pumpkin. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

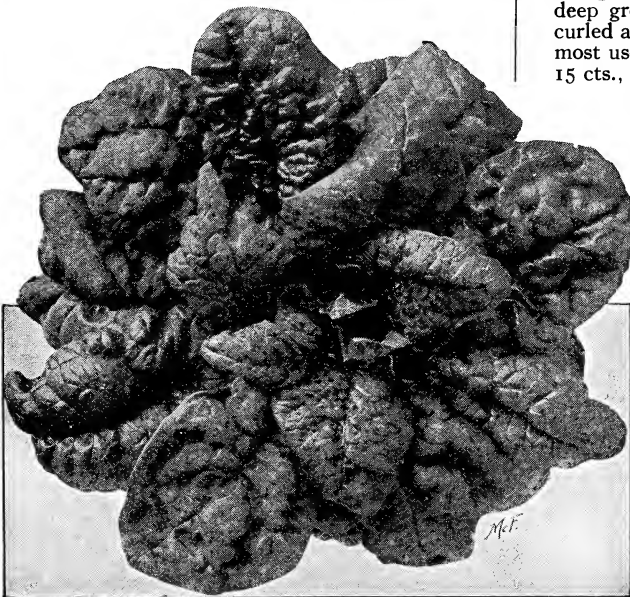
## Parsley

**Champion Moss Curled.** The leaves are a uniform deep green color, very finely cut and so closely curled as to resemble bunches of moss; one of the most useful and decorative sorts. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

## Salsify, or Oyster Plant

This plant is used as a substitute for oysters, and we like it fully as well as the oysters themselves. It is used either in soup or scalloped with best results. Before the ground freezes the roots should be dug and stored as you would other root crops. Light freezing greatly benefits the flavor.

**Mammoth Sandwich Island.** Pkt. 10 cts.,  $\frac{1}{2}$ oz. 15 cts., oz. 30 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



A perfect plant of Bloomsdale Spinach

Spray your Cucumber plants with Pyrox or Bordeaux Mixture and Arsenate of Lead as soon as they appear, then three or four times during growth. It kills the bugs and prevents blight.



May King and California Cream Butter Lettuce

Liberal packets,  
10 cts. each

## Lettuce

One ounce will produce  
1,500 plants

### Our Selected Stock of Big Boston.

This market variety is very popular for outdoor culture and is also in demand as a compact, large heading, forcing sort for coldframes. The plants are large, very hardy and vigorous. The leaves are broad, comparatively smooth but wavy at the edge, thin, very hard and crisp. In color they are bright light green, the head slightly tinged with reddish brown. The inner leaves blanch to an attractive greenish white, tinged with light yellow. It heads up under cold weather conditions better than any other variety. *Our selected stock of this variety is uniform and true to type. No better stock can be procured at any price.* Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

**Black-seeded Simpson.** The most popular and earliest Lettuce for the home or market-garden. It does not form a head but a compact mass of leaves, tender, crisp, and of excellent quality; stands heat and outdoor forcing. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1, lb. \$3.

**Early Prizehead.** This old standard variety is still the best of the large, thin-leaved, clustering sorts for the home-garden, but it is not a good kind to ship long distances, as the leaves are so tender that they are easily spoiled in handling. The leaves are very large, crimped, bright green, tinged with brownish red, and are exceedingly tender, crisp and sweet, forming a large, loose head. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1, lb. \$3.

**Grand Rapids Forcing.** This variety is especially adapted to greenhouse and hot-frame culture; it is of rapid, upright growth and may be planted close. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

**California Cream Butter.** Strictly cabbage-heading and very slow to seed. Head compact, firm and well blanched; color dark, rich, glossy green; quality excellent; very buttery, sweet and with thick, soft leaves of much substance. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1, lb. \$3. (See illustration.)

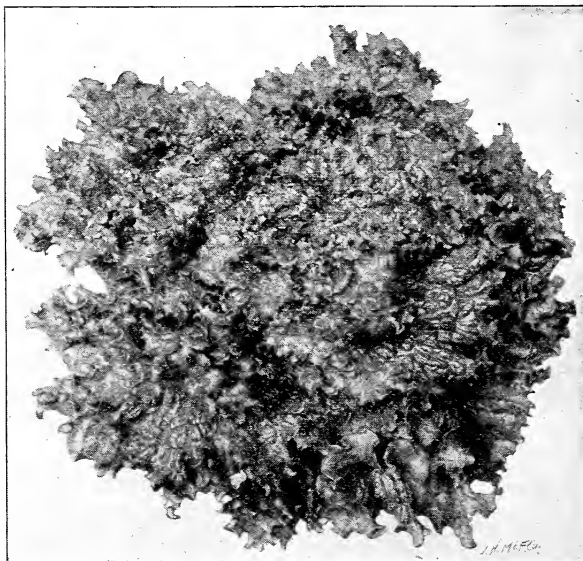
**May King.** Heads extra large and solid; green outside, but heart clear yellow; very desirable. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

**Crisp as Ice.** A slightly elongated, medium-sized, compact-heading variety; leaves very broad, somewhat blistered and crumpled, and very thick and stiff; outer leaves variegated dark brown and green, the brown predominating; quality excellent. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

**Hanson Improved.** Extensively grown by market-gardeners, as it is always sure to make large, handsome heads of excellent quality; inner leaves white. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1, lb. \$3.

**Iceberg.** Exceedingly crisp and tender, heads tightly folded and blanched to a beautiful white. Outer leaves crinkled and light green, growing closely up around the head. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

**Paris White Cos, or Romaine.** Blanches very nicely; upright grower. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.



Black-seeded Simpson Lettuce

## Extra-Early Osage Muskmelon AN EXTREMELY EARLY HIGH-QUALITY MELON

A PROFITABLE VARIETY TO GROW FOR MARKET AND A DESIRABLE MELON FOR THE HOME GARDEN

The Extra-Early Osage Melon combines all the excellent qualities of its parent, the Osage or Miller's Cream, with real earliness, being a week to ten days earlier than the original Osage. In fact, with the exception of the Knight Melon, is about the earliest variety in our trial-grounds. It is but a trifle smaller in size than its parent, has deeper colored flesh, a smaller seed cavity, and is more heavily netted. A handsome melon and as good as it looks, as the many visitors to our Grass Lake, Michigan, Seed Farms during melon season will testify. One ounce will plant about 80 hills. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Extra-Early Knight (Sweet Air).** An extremely early medium-sized melon of the Acme type. Fruit oblong, showing the neck tendency of its parent, distinctly ribbed and closely netted; flesh fairly thick and very sweet, color medium green blending to light pink near the center. The earliest high-quality melon for the Far North and a good shipper. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Burpee's Netted Gem, or Rocky Ford.** Flesh light green. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Emerald Gem.** Standard variety; skin emerald-green. Flesh luscious and tender. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45c., lb. \$1.25.

**Hackensack, or Extra-Early Improved.** Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Jenny Lind.** Extra early; small; green-fleshed. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Tip-Top.** Deep salmon-color; sweet and spicy. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

## Watermelon One ounce will plant 50 hills

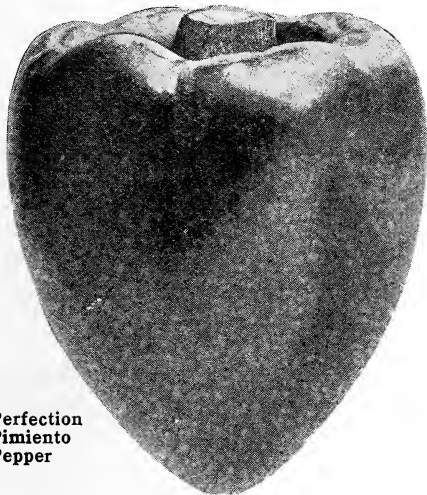
**Tom Watson.** Splendid, both for home-garden and shipping; shape long; color dark green; flesh bright red and very solid. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

**Kleckley Sweets, or Monte Cristo.** Oval shape. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

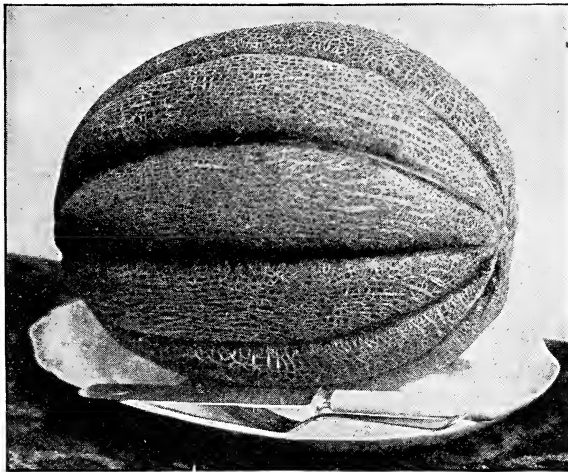
**Cole's Early.** Medium size, nearly round. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

**Fordhook Early.** Nearly round; flesh bright red. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

**Halbert Honey.** Skin dark green; very sweet. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.



Perfection Pimiento Pepper



Extra-Early Osage Muskmelon

## Pepper

One ounce will produce 1,500 plants

**HARRIS' EARLIEST.** A Pepper particularly adapted to northern growing conditions. The heaviest yielding large Pepper in cultivation—as large as Chinese Giant and three weeks earlier. Pkt. 15 cts.,  $\frac{1}{2}$ oz. 55 cts., oz. \$1,  $\frac{1}{4}$ lb. \$3.50.

**PERFECTION PIMIENTO (The Sweet Salad Pepper).** It is the mildest of all Peppers, deliciously sweet and free from all pungency. Pkt. 10 cts. oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.50, lb. \$5.

**Ohio Crimson Giant.** It is as large as Chinese Giant, and much earlier and more prolific. Pkt. 10 cts., oz. 75 cts.,  $\frac{1}{4}$ lb. \$2, lb. \$7.

**Chinese Giant.** The largest and finest mild red variety. Pkt. 10 cts., oz. 75 cts.,  $\frac{1}{4}$ lb. \$2.

**Large Bell, or Bull Nose.** Large, mild, and thick-skinned. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.50.

**Long Red Cayenne.** A small, long, bright red sort. Pkt. 10 cts., oz. 60 cts.,  $\frac{1}{4}$ lb. \$1.75, lb. \$6.

**Mammoth Golden Queen.** Pkt. 10 cts., oz. 60c.

**Ruby King.** Flesh is thick, sweet, and mild. Pkt. 10 cts., oz. 60 cts.,  $\frac{1}{4}$ lb. \$1.75, lb. \$6.

## Turnip

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 20 cts., lb. 60 cts., except where noted

**Purple-Top Strap-Leaf.** Best-known variety.

**Purple-Top White Globe.** A popular sort.

**White Egg.** Pure white; egg-shaped; early or late.

**White Globe.** White, round, large cropper.

**Extra-Early White Milan.** Probably the earliest of the flat Turnips. Both skin and flesh are pure white; flavor is mild and sweet. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

**Amber Globe.** Excellent for table. Flesh yellow, firm, and fine-grained. A good keeper and cropper.

**RUTABAGA, Improved American.** Purple top, yellow skin. Oz. 10 cts.,  $\frac{1}{4}$ lb. 30 cts., lb. 75 cts.

# Onion Seed

One ounce will plant 100 feet of drill; 5 to 6 pounds in drills for an acre. For sets, from 50 to 60 pounds should be sown to the acre, according to the richness of the soil

Liberal packets, 10 cts. each

**Yellow Globe Danvers, Our Finest Strain.** This is the product of years of careful selection, and is the most perfect type of the Yellow Globe Danvers Onion which intelligent, painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productiveness. This, our special strain, is all grown from selected, hand-picked bulbs, none but those perfect in size and shape being set for seed, and the product will be just as perfect in all points. Oz. 25c.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

**Yellow Globe Danvers.** Undoubtedly the best known and most popular of all Onions; the earliest yellow variety: is entirely free from stiff necks. Globular in shape; has a small top. It is the most productive, producing as high as 1,000 bushels to the acre, and will average on good soil, with proper culture, 700 to 800 bushels. Oz. 25 cts.,  $\frac{1}{4}$ lb. 65 cts., lb. \$2.

**Prizetaker.** This variety excels every Onion now existing in beauty, size and productiveness, and equals the best in quality. The color is a bright straw, and it always grows to a uniform shape, which is nearly a perfect globe. Our seed is the choicest American-grown, and not imported Spanish King as sold by some dealers at low prices under the name of Prizetaker. Oz. 25 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

**Large Red Wethersfield.** Onion-growers who prefer the red varieties will find our pedigree strain far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form; skin deep purplish red; flesh purplish white. Oz. 25 cts.,  $\frac{1}{4}$ lb. 65 cts., lb. \$2.

**Philadelphia Yellow Dutch, or Strasburg.** The sets of this variety grow round, plump and bright. Full-sized Onions are somewhat flattened; flesh pure white, mild-flavored and an excellent keeper; skin bright yellow. Oz. 25c.,  $\frac{1}{4}$ lb. 65c., lb. \$2.

**White Queen Pickling.** A very good early-maturing pickling Onion. Pure paper-white; from 1 to 1  $\frac{1}{2}$  inches in diameter; of very mild and delicate flavor; fine for bunching for the early market; also for pickling. Oz. 25c.,  $\frac{1}{4}$ lb. 75c., lb. \$2.25.

**Southport Large Red Globe.** Large and handsome, globe-shaped, and in color a purplish crimson. It is a good keeper and always realizes high prices. Oz. 25 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

**Southport White Globe.** A large, globe-shaped Onion; firm, fine-grained, of mild flavor; keeps well. This is one of the handsomest Onions grown, of beautiful shape, clear, white skin, and commands the highest market price. Oz. 30 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$3. (See illustration below.)

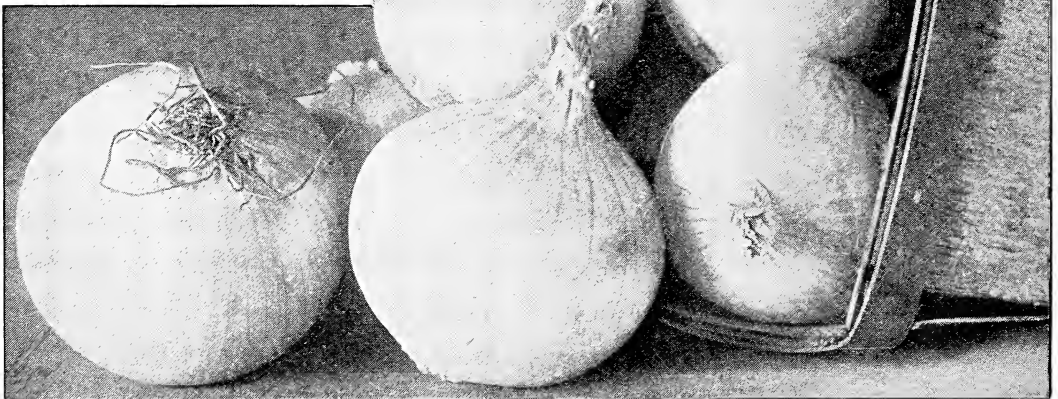
**Southport Yellow Globe.** Like the well-known White Globe except in color of skin; of large size. An excellent keeper; fine for market. Oz. 25 cts.,  $\frac{1}{4}$ lb. 65 cts., lb. \$2.

**White Portugal, or Silverskin.** A large, flat, white Onion of mild and pleasant flavor; hard and fine-grained, and a good keeper. Extensively sown for sets, and is also largely grown for pickling. Oz. 30 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$2.75.

## Onion Sets

### THE REASON FOR PLANTING ONION SETS

Our Globe Onion Sets will produce Onions much earlier than by sowing the seeds, which frequently permits the planter to sow another crop on the land the same year. For green or bunch Onions, sets will produce a crop in half the time it takes to raise them from seed. Plant Onion Sets and Tops near the surface in drills 12 inches apart and 4 inches in the rows. They require the highest culture to obtain the best results. Qt. 25 cts., bus. market price.



Southport White Globe Onions



## Radishes

One ounce will sow 100 feet of drill

The small, round, short-top Radishes of the red and white-tipped sorts are the quickest in maturing. Of the white varieties, Long Icicle is supplanting all other varieties because of its excellent, superior quality. French Breakfast is the ideal olive-shaped Radish. The summer varieties are the Long Chartier, White Strasburg and Lady Finger. The most popular of the winter varieties is the White Chinese (Celestial), producing large roots, clear white in color.

Radishes to be crisp and tender, must be grown quickly in rich, loose soil and gathered before reaching full size, as they soon become soft and pithy; this is especially so of the small, turnip-shaped varieties—the long varieties will "stand longer." Seed should be sown thinly in drills when the trees are starting in leaf, and successive plantings made one week apart.

Prices, except noted, pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.

**Scarlet Button** (Non Plus Ultra). Excellent forcing and open ground Radish.

**Long White Icicle.** The finest white variety.

**Early Scarlet Turnip, White-tipped.** Popular. Early, crisp and tender.

**Sparkler White-tipped.** The white extends further up on the Radish and on this account is more popular in some markets.

**White Strasburg.** One of the most popular summer sorts. Roots long, quite thick.

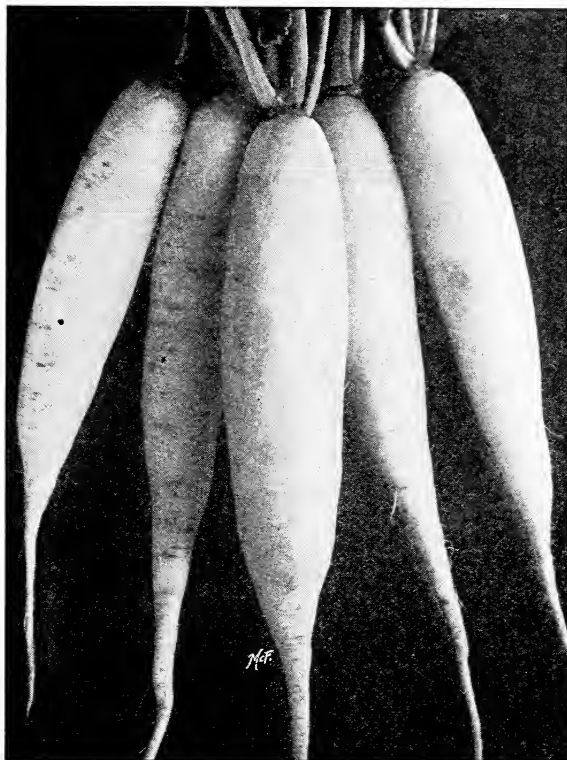
**Vick's Scarlet Globe.** We have an exceptionally fine stock of this superb variety. It is one of the very earliest of the forcing Radishes and does equally well outside; roots are of fair size, globe-shaped and with a small top; always crisp and tender; color a bright scarlet.

**French Breakfast.** Pink and white, olive shaped.

**Long Scarlet Short-Top.** Most popular, early.

**Long White Lady Finger.** Fine for summer.

**Long Chartier.** Tender and crisp, best for summer.



Long Icicle Radishes

**Crimson Giant.** Best Radish for hot-weather culture. Roots are 2 inches in diameter, hard and firm.

**Long Black Spanish.** For fall and winter.

**Rose China Winter.** For fall and winter use.

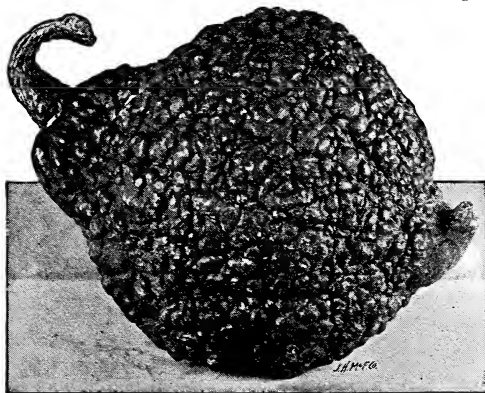
**White Chinese, or Celestial.** For fall and winter.

**Philadelphia White Box.** Beautiful, white, round.

## Squashes

The Squashes are a very desirable addition to the garden—those who love a tempting, luscious dish will find the Summer Squashes indispensable. A deeper conviction of the importance of growing our own winter vegetables has become emphasized since home gardening played such an important part in the successful termination of the war. The Hubbards and other varieties of Winter Squashes are easily stored and very palatable when cooked, and make delicious pies when the thermometer hovers around zero.

Liberal packets, 10 cts. each



Warty Hubbard Squash

**DELICIOUS.** A fall-winter sort, top shaped, dark green but sometimes of a lighter shade, flesh orange, very dry and delicious. Oz. 20c., ¼lb. 50c., lb. \$1.75.

**Boston Marrow.** Fine fall variety, flesh yellow and firm. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

**Mammoth White Bush, Scalloped or Patty Pan.** Early. Summer. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

**Golden Summer Crookneck.** One of the earliest summer varieties. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

**Warty Hubbard.** The standard Winter Squash. A superior strain. Oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

**Golden Hubbard.** Earlier than Warty Hubbard; equal in quality. Oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

**Fordhook.** Small, oblong, excellent for summer or winter; yellow; flesh very thick; extremely dry and sweet. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

**Mammoth Chili.** The largest variety, attaining under high cultivation an enormous size. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.50.

# Tomato

One ounce will produce 1,500 plants  
Liberal packets, 10 cts. each

**Earliana, Extra - Early.** (Selected Stock.) Our special strain of this well-known early Tomato has been selected by an expert for earliness, making it possible for the grower to take advantage of the highest market. Oz. 35 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50.

**Chalk's Early Jewel.** Within 2 weeks as early as the famous Earliana, it is even a heavier cropper, with Tomatoes of larger size and sweeter flavor, while its more robust growth makes it a sure cropper. Oz. 35 cts.,  $\frac{1}{4}$ lb. \$1.

**John Baer.** An early, productive, red Tomato on the order of Chalk's Jewel. We have a splendid, uniform stock of this variety. Oz. 35c.,  $\frac{1}{4}$ lb. \$1.

**Red Rock.** A very fine selection of the Matchless type; medium early, round, smooth, and bright red; makes a good canning variety. Oz. 35 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50.

**New Stone.** A great favorite with gardeners; the heaviest and most solid-fruited of the large Tomatoes of good quality. Oz. 35c.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50.

**Dwarf Stone.** As early and nearly double the size of Dwarf Champion. Oz. 40 cts.,  $\frac{1}{4}$ lb. \$1.25, lb. \$4.

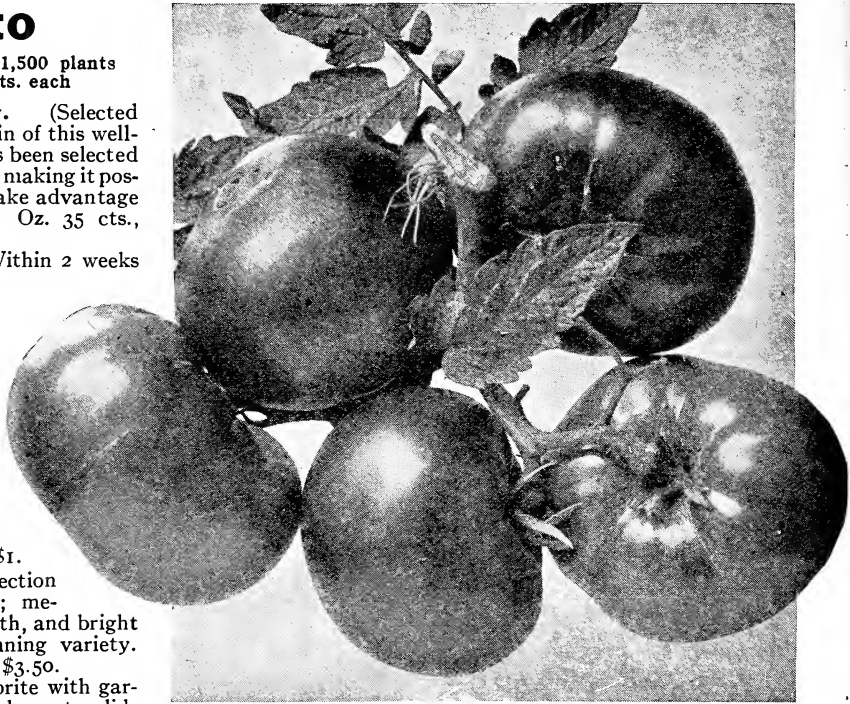
**Crimson Cushion, or Beefsteak.** Crimson; extra large. Oz. 60 cts.,  $\frac{1}{4}$ lb. \$1.75.

**Ponderosa.** Very large, solid and of good flavor; specimens have been grown to weigh 4 pounds; color bright red. Oz. 60 cts.,  $\frac{1}{4}$ lb. \$1.75, lb. \$5.

**Truckers' Favorite.** The finest, large, purple-fruited sort. Oz. 35 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50.

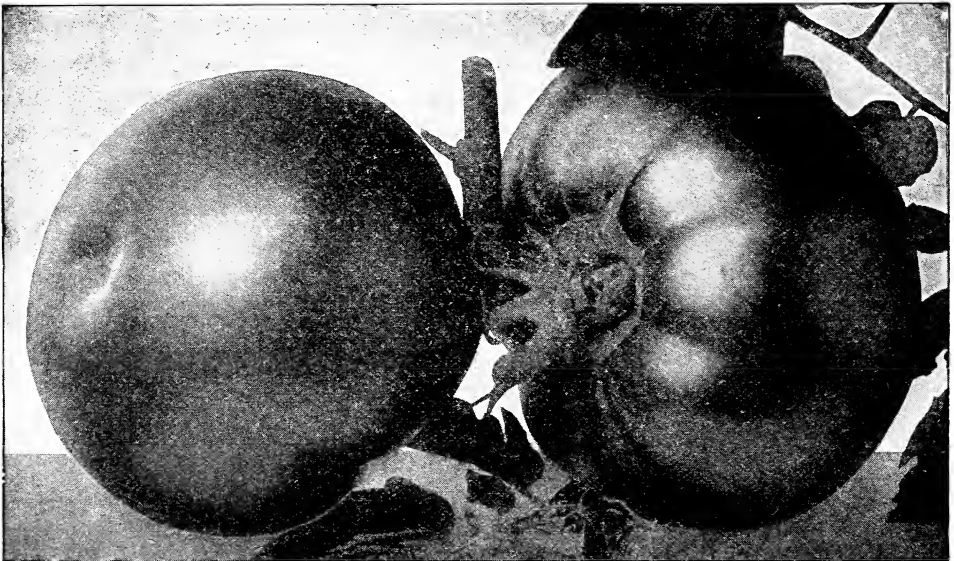
**Dwarf Champion.** Distinct in foliage and habit of growth, being compact and upright; fruit smooth; purplish red. Oz. 35c.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50.

**Golden Trophy, Pear-shaped Red and Pear-shaped Yellow, Red Cherry.** Oz. 35 cts.



**Bonny Best Early Tomatoes**

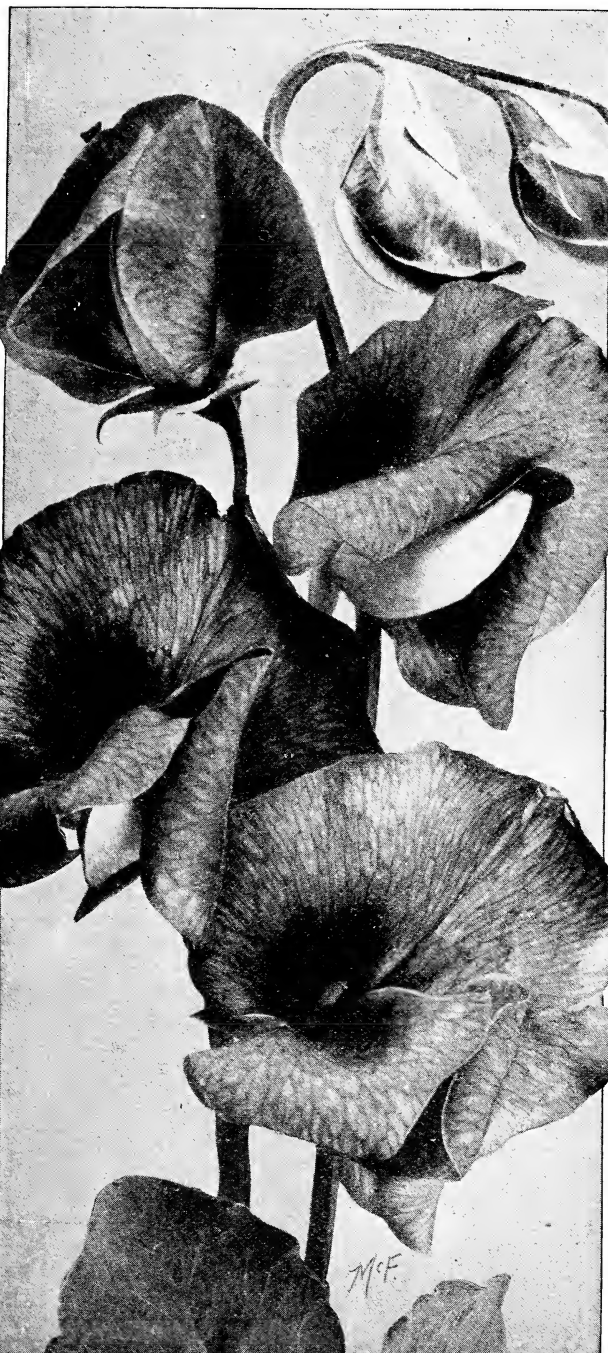
This variety is a vigorous grower; enormously prolific. In shape it is slightly flattened but thicker through than most other Tomatoes. In color it is a beautiful scarlet-red, setting its fruit in clusters of five or more at close intervals. Makes a magnificent variety for slicing. A good early red-skinned variety for all purposes. Oz. 40 cts.,  $\frac{1}{4}$ lb. \$1.25, lb. \$4.



**Red Rock Tomatoes**

## Spencer or Orchid-flowered Sweet Peas

The best of the old-fashioned or Grandiflora varieties are now quite overshadowed by this wonderful type, which are quite distinct, having large, round open flowers of extraordinary size, usually measuring 2 inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested and are just as easy to grow as the Grandiflora varieties.



Giant Spencer or Orchid-flowering Sweet Peas

**Asta Ohn.** Large, waved, lavender; suffused with pink.

**Austin Frederick.** A giant-flowered lavender.

**Constance Oliver.** Standard peach-blossom pink, wings bright rose; flowers very large, waved.

**Constance Hinton.** The largest and finest white. Long, strong stems.

**Dobbies' Cream.** The finest primrose-yellow.

**Hawlmart Pink.** Rose-pink shaded salmon—a striking color.

**George Herbert.** Very large, waved; carmine-rose.

**King Edward Spencer.** Bright crimson-scarlet; the best of its color.

**Margaret Atlee.** The largest and finest rich pink Sweet Pea.

**Picture.** Flesh-pink, suffused apricot. Flowers of great size and very wavy.

**Thomas Stevenson.** Rich orange-scarlet; very large, waved flowers.

**Wedgwood.** A beautiful silvery blue.

Large pkt. 10 cts., oz. 25 cts., ¼lb. 85 cts.

### Spencer or Orchid-Flowering Mixture

Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades. The flowers, which are borne on long stems, are large and wavy. Free flowering. We are sure this mixture will give absolute satisfaction. Large pkt. 10 cts., oz. 20 cts., 2 ozs. 35 cts., ¼lb. 60 cts., lb. \$2.25.

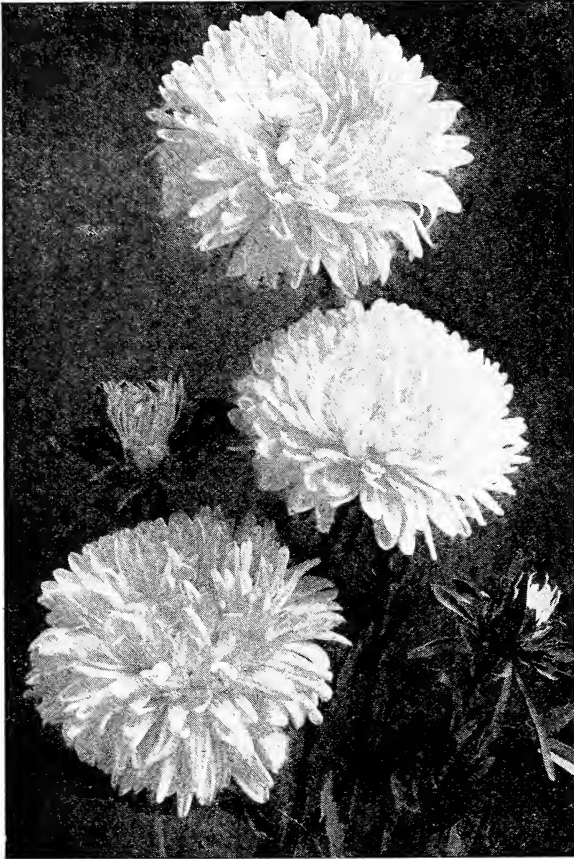
### Chaapel's Gilt-Edge Sweet Pea Mixture

Our customers usually prefer a mixture where all classes are represented, the lighter shades, including pink, white and lavender, being especially prominent. We secure this most satisfactory result by blending some of the choicest Grandiflora sorts with the Spencer varieties, embracing every desirable color and shade. No better Sweet Peas for general cultivation can be produced at any price. Large pkt. 10 cts., oz. 15 cts., 3 ozs. 35 cts., lb. \$1.25.

### Choice Mixed Colors

All bright colors, assorted in proper proportions to give splendid satisfaction. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. \$1.

## Chaapel's Superb Asters



Chaapel's Superb Long-branching Asters

### Special Long-branching Mixture

BRILLIANT FLOWERS IN GORGEOUS MASSES AND BEDS. BEAUTIFUL AS CUT-FLOWERS IN VASES

The Long-branching Asters are known wherever Asters are grown. The plants are large and vigorous, the stems long and strong, and the great fluffy flowers, as we now grow them, are double to the center. There are other Asters, exquisite in form and delicate in color; but the Long-branching Aster is still the leading Aster in all the flower markets in the country and still holds the first place in the garden of the amateur. Our Improved Strain has been secured after many years of careful selection. Seed that produces large, perfectly double flowers on long stems in profusion. Pkt. 10 cts., 3 pkts. 25 cts., 1/4oz. 50 cts., oz. \$1.50.

We offer 5 distinct and beautiful colors of the Long-branching Asters at same prices as the above Special Mixture.

Shell-Pink  
White  
Lavender

Rose-Pink  
Purple  
Crimson

Special prices to florists and gardeners who grow for market.

Of all the flowers in the garden, none will give more genuine satisfaction than the Aster. The early sorts begin in midsummer and the late varieties carry the garden well into chrysanthemum time.

### New Crego Aster

The twisted and curled petals give the flower the appearance of a huge, flat chrysanthemum. The flowers are very large, often measuring 5 inches in diameter. The strong, erect stems average 20 to 24 inches in length. Though the flowers are large, they are produced in abundance.

White            Rose-Pink    Purple  
Shell-Pink    Lavender    Mixed

Pkt. 10 cts., 3 pkts. 25 cts., 1/4oz. 50 cts.

### Queen of the Market

Largely grown by commercial florists for cut-flowers and for early market. The plants have an open, spreading habit, and the large, double flowers have a loose and graceful appearance. Seed should be sown quite early in the house.

White            Pink  
Light Blue    Mixed

Pkt. 10 cts., 3 pkts. 25 cts., 1/4oz. 35 cts., oz. \$1.25



New Crego Aster

# Popular Flower Seeds

That Bloom the  
First Season

These are all easily grown and will bloom freely and give you a great variety of color and delightful fragrance throughout the summer season.

Except where noted, all varieties, pkt. 10 cts., 3 pkts. 25 cts.

**ALYSSUM.** One of the most popular garden flowers; remaining in bloom the entire season; used for edging or in rockeries or vases.

**White Carpet.** Dwarf, compact plants, densely covered with large, pure white flowers. Height, 4 inches. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts., oz. 50 cts.

**Sweet.** The popular old-fashioned sort, the best for broad edges and vases; pure white. Height, 6 inches. Pkt. 5 cts.,  $\frac{1}{2}$ oz. 15 cts., oz. 25 cts.



Giant Antirrhinum

**ANTIRRHINUM (Snapdragon).** A splendid plant for beds or borders; easy to grow.

**Tall, Mixed Colors.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

**Giants, Special Mixture.** Embraces a magnificent assortment of the finest new varieties. Pkt. 10 cts., 3 pkts. for 25 cts.,  $\frac{1}{8}$ oz. 25 cts.

**BALSAM (Lady's Slipper).** An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliantly colored, double flowers in the greatest profusion; of easy culture. Choice mixed colors. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**CANDYTUFT, White Rocket.** Pkt. 10c., oz. 25c.  
**Mixed Colors.** Pkt. 10 cts., oz. 25 cts.

**CALLIOPSIS.** Showy and beautiful free-flowering annuals. Choice mixed colors. Pkt. 10 cts.,  $\frac{1}{2}$ oz. 20 cts., oz. 30 cts.

**CALENDULA, Orange King and Mixed.** Pkt. 10 cts.,  $\frac{1}{2}$ oz. 15 cts.



Sweet Alyssum

**CORNFLOWER (Centaurea).** These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet and Kaiserblumen.

**Cyanus, Blue.** The favorite dark blue so much in demand for cutting. Pkt. 10c.,  $\frac{1}{4}$ oz. 30c.

**Mixed.** Blue, white, rose, etc. Pkt. 10c., oz. 25c.

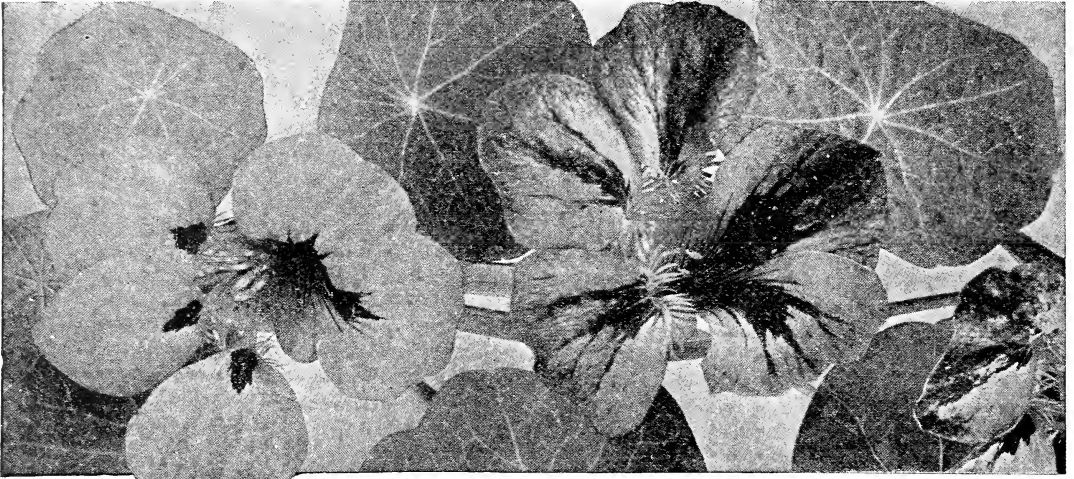
**COSMOS, Extra-Early Mixed.** Seed sown in the open ground early will produce plants completely covered with fine flowers two months before the late-flowering kinds. While the flowers are not so large as the late sorts, they are of good size and will undoubtedly perfect their blooms in the most northerly states. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.



Extra-Early Mammoth-flowering Cosmos, Mixed

## POPULAR FLOWER SEEDS

Except where noted, all varieties,  
pkt. 10 cts., 3 pkts. 25 cts.



Nasturtiums, Gilt-Edge Mixture. See page 27

**COSMOS, Mammoth-flowering, Mixed.** The flowers of this improved Cosmos grow very large, often measuring 3 inches in diameter, and are of the most delicate colors, shading from pure white to deep red and purple. The plants grow from 5 to 6 feet high, and the flowers have long, graceful stems. In order to get them to flower early in the fall in this latitude the seed should be sown in pots or boxes in March and the plants set out in the open ground in May. Large pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts., oz. 50 cts.

**CYPRESS VINE.** A very graceful, annual climber, with feathery foliage and beautiful, star-like flowers. Mixed colors. Pkt. 10 cts.

**CALIFORNIA POPPY (Eschscholtzia).** An elegant hardy annual with fine-cut foliage, and large, poppy-like flowers; in bloom from June until frost; fine for borders.

**New Hybrid, Mixed.** This mixture has been saved from a number of new sorts of wonderful colorings, including old-gold, fire-red, cream, and many other rich and unusual tones. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 20 cts.,  $\frac{1}{4}$ oz. 30 cts., oz. \$1.

**CARNATION, Marguerite.** These are deservedly the most popular Carnations with the amateur as they begin flowering in a few weeks from time of sowing. Mixed. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 20 cts.

**DIANTHUS, or PINKS.** A most satisfactory class of flowers, easily raised from seed, and which are in constant bloom the entire season; fragrant.

**Heddewigii (Single Japan Pink).** Finest single-flowered. Mixed. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Heddewigii fl.-pl. (Double Japan Pink).** Colors varying from the richest crimson to the most delicate rose. Mixed. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**DOLICHOS (Hyacinth Bean).** Rapid-growing climber, bearing a profusion of bean-like flowers. Choice mixed colors. Pkt. 10 cts., oz. 15 cts.

**GOURD, Ornamental.** Pkt. 10 cts., oz. 20 cts.

**HOLLYHOCK, Chater's Superb Double Mixed.** One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers. Height, 6 to 7 feet. Pkt. 10 cts.

**Single Mixed.** Probably the most showy of the many good old-fashioned flowers. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts.

**KOCHIA trichophylla (Summer Cypress, or Mexican Firebush).** An easily grown annual which grows into a cypress-like hedge, with feathery green foliage; at the approach of autumn the foliage turns to a deep red color. Height, 2 to 3 feet. Pkt. 10 cts., oz. 15 cts.



Eldorado Marigold. See page 27

**POPULAR FLOWER SEEDS**

Except where noted, all varieties, pkt. 10 cts., 3 pkts. 25 cts.

**LARKSPUR.** Well-known annuals of great beauty and noted for the richness of their colors, particularly in the blue shades. Pkt. 10 cts., ¼oz. 15 cts.

**MOONFLOWER** (*Ipomœa noctiflora*). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10 cts., 3 pkts. for 25 cts.

**MARVEL OF PERU, Choice Mixed** (Four-o'Clock). Bushy plants of easy culture, producing hundreds of flowers during the entire summer. Choice mixed colors. Height, 2 feet. Pkt. 10 cts., oz. 15 cts.



Morning-Glories

**MORNING-GLORIES.** One of the most popular annual climbers.

**Choice Mixed Colors.** Pkt. 10 cts., oz. 15 cts.

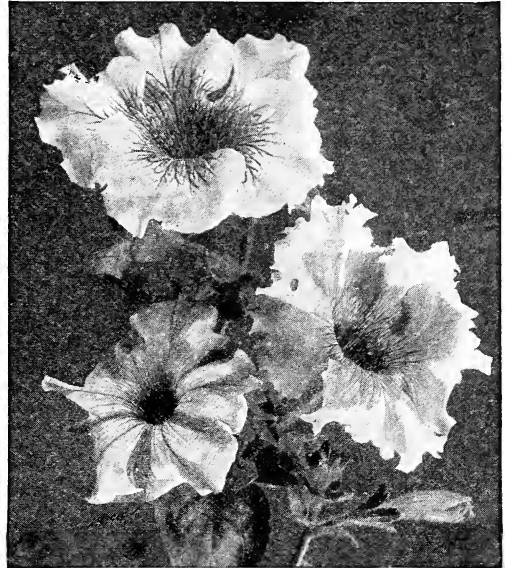
**Japanese Imperial.** Flowers of immense size; a great variety of colors. Pkt. 10c., ½oz. 15c.

**MYOSOTIS** (Forget-me-not). An everblooming variety, beginning in May and continuing till autumn. Large, clear blue flowers in pretty sprays. Pkt. 10 cts., 3 pkts. for 25 cts.

**MARIGOLD, Eldorado.** Popular free-blooming garden plants of the easiest possible culture. Flowers of immense size in all shades of yellow. Pkt. 10 cts., ¼oz. 25 cts.

**MIGNONETTE, Sweet-scented.** Valuable on account of its fragrance; sow in succession during the summer. Pkt. 10 cts., oz. 15 cts.

**NASTURTIUMS, Our Gilt-Edge Mixtures.** Are especially rich in brilliant colors, large flowers and free-blooming qualities. For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil



Petunia, Choice Mixed

**Nasturtiums, Our Gilt-Edge Mixtures, continued** in a well-drained, sunny position. They seem to flourish under the most trying conditions, and the more often the flowers are cut, the more profusely do they bloom. If you want large flowers and plenty of them, don't let them go to seed. (Mixed and special colors same price.)

**Tall or Climbing, Choicest Mixed Varieties. Tom Thumb Dwarf, Mixed.**

½oz. 10 cts., oz. 15 cts., 3 ozs. 35 cts., lb. \$1.25

**PANSY, Chicago Parks Bedding, Mixed.** Great diversity of colors. Pkt. 10 cts., ¼oz. 40 cts.

**Mammoth Mixed.** Pkt. 15 cts., ¼oz. 75 cts.

**PETUNIAS.** Finest striped and blotched. **Choice mixed colors.** Pkt. 10 cts., ¼oz. 40 cts.

**Rosy Morn.** Soft carmine-pink, white throat; very dainty border plant. Pkt. 10c., ½oz. 75 cts.



Phlox Drummondii. See page 28

## POPULAR FLOWER SEEDS

Except where noted, all varieties,  
pkt. 10 cts., 3 pkts. 25 cts.



Helichrysum (Straw Flower)

**POPPY, Shirley.** An improved strain of Poppies, varying in color from pure white to rosy carmine and deep crimson in mixture. Mixed colors. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 15 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Carnation-flowered.** Double fringed. Mixed colors. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts.

**PHLOX DRUMMONDII.** One of our finest hardy annuals, easily grown from seed; makes a brilliant display as a summer bedding plant. Mixed colors. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 35 cts.

**PORTULACA, Single Mixed.** Dwarf-growing plants of easy culture, thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**RICINUS (Castor-Oil Bean).** Very ornamental on lawns or as centerpieces in flowering beds, such as cannas, etc. Pkt. 10 cts., oz. 15 cts.

**SALVIA (Scarlet Sage).** This popular and showy bedding plant should be started either in the house from February to April, or in hotbeds.

**splendens.** Tall-growing plants. Height, 3 feet. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 60 cts., oz. \$2.25.

**Bonfire (Clara Bedman).** Compact, bushy plants, 2 feet high, producing erect spikes of brilliant scarlet flowers. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 50c.

**STRAWFLOWER, or Everlasting Flowers (Helichrysum).** Fine for winter bouquets. Choice Mixed. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 30 cts.

**Giant Mixed.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

**Fireball.** Bright red. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 30 cts.

**Golden Ball.** Golden yellow. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 30 cts.

**Rose Carmine.** Rich and glossy. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 30 cts.

**SWEET WILLIAM (*Dianthus barbatus*).** This is one of the finest hardy garden plants; of easy culture. Mixed colors. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

**SCARLET RUNNER BEAN.** A rapid climber, 10 to 15 feet high, flowering profusely. Oz. 10c.

**VERBENA.** An excellent annual for beds and massing, and for a gorgeous display during the summer months it cannot be excelled.

**Mammoth Mixed.** Pkt. 10 cts.,  $\frac{1}{8}$ oz. 25 cts.

**WOOLFLOWER, Chinese (*Celosia Childsii*).** This remarkable *Celosia* has plants 2 to 3 feet in height and very bushy, each branch terminating in an immense, roundish flowerhead of deep rich crimson, and having in addition numerous laterals with smaller heads of bloom, the whole forming an extremely ornamental object. None of the blooms fade in any way, until hit by frost. Pkt. 10 cts., 3 pkts. for 25 cts.

**ZINNIAS (Youth and Old Age).** The Zinnia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite.

**Tall, Mixed Colors.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Giant-flowering, Mixed.** Our strain of this magnificent giant-flowered type is unsurpassed. It produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet and bearing on long strong stems numerous semi-globular, mostly very double flowers, all of the largest size. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 25 cts.,  $\frac{1}{4}$ oz. 40 cts.

**Giant-flowering, Scarlet.** Pkt. 10 cts., 3 pkts. for 25 cts.,  $\frac{1}{8}$ oz. 25 cts.

## Wild Flower Garden

**Choice Mixed Flower Seeds.** A mixture of many varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season. Large pkt. 10 cts. oz. 25 cts.,  $\frac{1}{4}$ lb. 75 cts.



Giant-flowering  
Zinnia



## Chaapel's Selected Dahlias

We offer on this page a selection of the best Dahlias within their class at a moderate price. They are all of special merit and will be supplied in dormant, field-grown roots or in strong divisions of such roots of proper planting size.

It is not our wish or desire to offer novelties, and our customers, choosing from this list, can rest assured that they are choosing from a list of tested varieties.

### Decorative Dahlias

The Decorative Dahlias are an intermediate form between the Show and Cactus types. Many beautiful varieties have been introduced, some with flat petals, others reflexed, incurved or curiously twisted; but nearly all are without formality or stiffness, and practically all of them are leaders as cut-flowers.

**Earl Williams.** An exceptionally attractive fancy or variegated variety, one of the best of this type. The flowers are of largest size, splendid deep formation, a brilliant crimson-scarlet color, each petal tipped with white. An early and free bloomer that continues in good shape to the end of the season. \$2 each.

**Judge Marean.** A very large flower of perfect Decorative shape. The colors, changing as the flowers pass through different stages of development, are a combination of glowing salmon-pink, red, iridescent orange, yellow, and gold, all blending most harmoniously. An early and continuous bloomer on long, perfect stems. \$1.50 each.

**Paul Michael.** One of the sensational large exhibition flowers that always attracts attention and which has twice been awarded the prize as the largest flower in California shows. The petals are quilled at base, curled and twisted; color pure gold, shaded orange-buff at center; very free flowering. \$2 each.

**Patrick O'Mara.** This Dahlia, named in honor of one of America's noted horticulturists, has been one of the most prominent features at the shows of the American Dahlia Society, and has been awarded the Society's Gold Medal. It is of free-flowering habit. The flowers, supported on long stiff stems, are of good size, perfect form, and in color a rich chrome-yellow, with salmon-red suffusion. 75 cts. each.

**Insulinde.** A Hybrid Decorative whose flowers are borne on rigid, stiff stems and held in horizontal position like a zinnia, aster, or chrysanthemum, different from any other Dahlia. These flowers are large, 7 to 8 inches in diameter, with just sufficient broad, long curled and twisted petals to form a perfect and graceful flower of a beautiful golden ochre, with salmon-red suffusion, which deepens towards the center. \$1.50 each.

### Cactus Dahlias

The Cactus Dahlias come in many colors and petal formation. The petals are thin, sometimes straight, twisted, or curled, producing flowers that are magnificent and distinct.

**Etendard de Lyon.** Rich carmine-rose or royal purple. The flowers are distinct in shape from all others, with broad, curling, wavy petals which form a flower 6 inches in diameter and 4 inches deep, a large flower, yet without any stiffness or formality. 75 cts. each.

**F. W. Fellowes.** One of the very best Cactus varieties ever raised, with flowers of unusual size for the long narrow-petaled type of which this is one of the finest representatives. In color it is an intense coral-red with deeper suffusion at the center. No collection of Dahlias is complete without it. 75 cts. each.

**Jean Chazot (Gay Paree).** We consider this French introduction one of the very best all-around Hybrid Cactus varieties that has yet been produced. The habit of the plant is all that could be desired. A free upright grower, with long stiff, wiry stems that hold the flowers well above the foliage in such a manner as to display their full beauty. It is one of the most prolific to flower, coming into bloom early and continuing in good condition to the end of the season. In color it is a beautiful golden bronze, with just a faint suffusion of nasturtium-red that intensifies its brilliancy and adds to its charm. \$1.50 each.

**Kalif.** A truly majestic flower, frequently measuring over 9 inches in diameter, of perfect Cactus form, in color a pure scarlet. The gigantic flowers, produced very freely, are held erect on strong stiff stems, making it a most effective and useful variety for cutting as well as for garden decoration. 75 cts. each.

**Meesterstuck.** This new Cactus from Holland is one of the most distinct and attractive varieties of this type. The flowers are held erect on long, stiff stems in such a manner as to display their full beauty, which is a rich glowing French purple with brilliant aniline-red suffusion, which is intensified by the citron-yellow base of the petals which give the flower a bicolored appearance that is quite novel. \$1 each.

**Pierrot.** A unique and striking color, and of unusual grace, being composed of very long, narrow tubular petals, which are of a deep amber color, usually showing white tips, but even when it comes a self color without these tips it possesses an individual refinement different from all other sorts. 50 cts. each.

**U. S. A.** Probably no other Dahlia has met with such favor as this Hybrid Cactus—a pure deep orange, sparkling and glistening. These flowers are of large size, of good formation, on excellent stems. It is remarkably free-flowering, being early and continuing in good condition to the end of the season. A splendid Dahlia for all purposes. \$1.50 each.

### Double Show Dahlias

This is the old-fashioned densely double type which will always have many admirers. They are very free, early, and continuous bloomers and are splendid for cutting.

**American Beauty.** One of the very best of this type. Brilliant crimson-red flowers with French-purple suffusion—a rich glowing color—produced abundantly on long, stiff, wiry stems. 35 cts. each.

**Dreer's White.** Pure glistening white, large, ball-shaped flowers, with closely quilled petals. Unsurpassed by any other variety in freedom of flowering. 35 cts. each.

**Dreer's Yellow.** The best yellow Show Dahlia yet sent out. A good grower, early and profuse bloomer. In general form and make-up the flowers resemble Dreer's White, but larger. 35 cts. each.

**Maud Adams.** A very free-flowering white with delicate lavender suffusion. 35 cts. each.

The above set of 4 distinct varieties, \$1.25

## Chaapel's Select Gladioli

In this collection we offer the best of the rarer sorts, made up of the very best Gladioli only, the ones that are strong growers, free bloomers, and that give satisfaction under adverse growing conditions.

Our bulbs are grown in northern Michigan and are clean, and free from disease. The varieties offered on this page will be an ornament to any garden and at prices so reasonable that they should be planted in quantity.

**BARON JOSEPH HULOT.** Deep indigo-blue, slightly marked white at the base of the throat. 10 cts. each, \$1 per doz., \$8 per 100.

**CATHERINA.** Wonderful grayish light blue flowers, lower petals a little deeper blue with brownish red spot. A very attractive variety. 15 cts. each, \$1.50 per doz., \$10 per 100.



A border of select Gladioli, showing their manner of growth



White City Gladioli

**ELORA.** An extremely fine, large, tall grower, with creamy white flowers, and a rich crimson throat. Whatever Gladioli are omitted, this one is too good to pass by. The flowers are magnificent and it is one of the first to bloom. 20 cts. each, \$2 per doz.

**EMPRESS OF INDIA.** Something different—a distinct shade of deep purplish red; large flowers; strong grower; very striking. 15 cts. each, \$1.50 per doz., \$10 per 100.

**FLORA.** Beautiful, large, pure golden yellow flowers and lots of them. Strong grower. 15 cts. each, \$1.50 per doz., \$10 per 100.

**GLORY OF THE PINKS** (Roem Van Kennermerland). Very large deep pink, with yellowish throat. 15 cts. each, \$1.50 per doz., \$10 per 100.

**ODIN.** A little deeper salmon than Prince of Wales, with larger flowers and small deep red spot on lower petals. A very early, exquisite variety without which no Gladiolus collection is complete. 15 cts. each, \$1.50 per doz., \$10 per 100.

**PINK PERFECTION.** A lovely apple-blossom shade, true La France pink, with a few darker markings. A great flower on a tall spike, perfect in every detail. 10 cts. each, \$1 per doz., \$8 per 100.

**PRINCE OF WALES.** An early-flowering sort with fine spikes of large flowers of delicate apricot-pink, suffused salmon. 10 cts. each, \$1 per doz., \$8 per 100.

**RED CANNA.** A flower well named, as the beautiful, large, scarlet flowers resemble the flowers on the red canna. Exceptional good cut-flower on account of its very tall stems. 10 cts. each, \$1 per doz., \$8 per 100.

**WHITE CITY.** Spikes 5 to 6 feet tall, with very large, almost pure white flowers. A grand white for cut-flowers. 15 cts. each, \$1.50 per doz., \$10 per 100. (See illustration.)

**NO FLOWER IS EASIER  
TO GROW THAN THE**

# GLADIOLUS

The most attractive of all summer-flowering bulbs is the Gladiolus. Wonderful improvements have been made in recent years in the size and beauty of these flowers, and our mixture comprises only the best. Their cultivation is very simple, as they will thrive in any ordinary garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to October, by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. Plant 6 inches apart in beds or double rows and 3 inches deep. They are very effective when planted among roses, peonies, shrubbery, etc.

## Chaapel's Gilt-Edge Mixture of Gladioli

This superb mixture is composed exclusively of high-grade varieties, including many new and rare kinds. It embraces the greatest possible range of color. This mixture is our pride and contains the best large-flowering sorts. 5 cts. each, 40 cts. per doz.. \$2.75 per 100.

### 11 Choice Gladioli

**Adelaide de Luxembourg.** A very fine light pink, white center with light yellow blotch. 5 cts. each, 60 cts. per doz., \$4.50 per 100.

**America.** A beautiful flesh-pink, tinged with lavender. 5 cts. each, 60 cts. per doz., \$4.50 per 100.

**Schwaben.** Soft pure yellow, little red stripe on lower petals. 5 cts. each, 60 cts. per doz., \$4.50 per 100.

**Halley.** Delicate flesh-color with creamy blotch in lower petal; flowers very large. 5 cts. each, 60 cts. per doz., \$4.50 per 100.

**Le Marechal Foch.** This might briefly be described as an improved America, having the same soft flesh-pink color, but with much larger blooms and coming into flower two weeks earlier. 5 cts. each, 60 cts. per doz., \$4.50 per 100.

**Mrs. Francis King.** A striking shade of light scarlet or flame-color; one of the most effective both in the border and when cut. 5 cts. each, 60 cts. per doz., \$4.50 per 100.

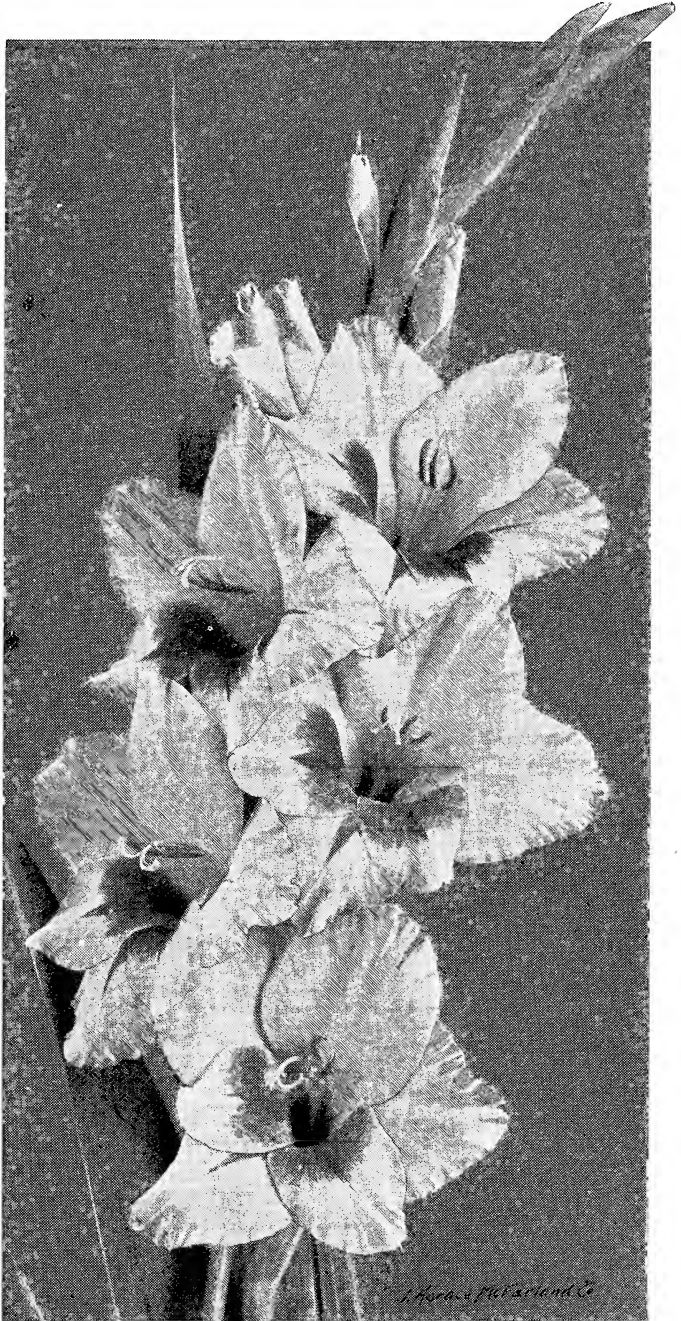
**Niagara.** Soft primrose, faint lines of lilac in the throat, with purple stamens and pale carmine stigmas. 8c. each, 75c. per doz., \$6 per 100.

**Panama.** Similar in type to America, but of a deeper shade of pure rose-pink. The flowers are large in size and well placed on tall, strong spikes. 5 cts. each, 60 cts. per doz.

**Peace.** Few varieties have become as popular as Peace. The general effect of the flower is white, with a pale lilac feathering on the interior petals. 8 cts. each, 75 cts. per doz.

**War.** Deep blood red, shaded crimson. One of the largest and finest of the red Gladioli. 10 cts. each, \$1 per doz., \$8 per 100.

**Wilbrinck.** It retains the earliness of Halley but has a delicate pink color. 5 cts. each, 60 cts. per doz.



Chaapel's Gilt-Edge Gladiolus Mixture

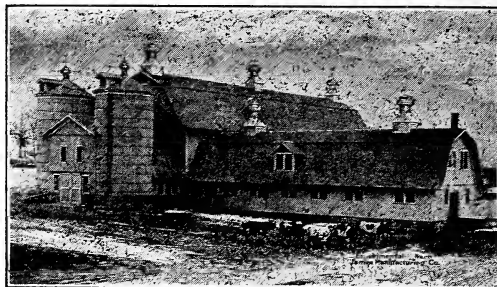
If bulbs are wanted by parcel post add 10 cents extra for the first dozen and 1 cent extra for each additional dozen.

# QUALITY FARM SEEDS

It has always been the policy of this store to select field seeds from the standpoint of quality and purity rather than price. These two items are always vitally considered before we offer field seeds to our customers. Sometimes, when looking over weed-infested fields, we wonder whether the real value of seeds does not lie in what they will not produce. Poor seeds are expensive at any price—it does not pay to plant them for they require the same labor in cultivation as good seeds and produce a much smaller crop.

Our Clover, Alsike and Timothy, our Scarified Sweet Clover, our Alfalfa, Red-Top, Kentucky Blue Grass and other small seeds are the most reliable that can be bought anywhere at any price. The Canada Field Peas, Soy Beans, Dwarf Essex Rape, Vetches, Oats, and other grains are all of the best varieties and of the highest quality.

If you care anything about the quality of the seed you sow, and are particular along this line, you will buy your seeds from us. Our seeds have that bright, clean-looking appearance, and take the highest possible purity and germination tests. We'll be glad to show you samples any day and have you make comparisons.



Model type barn and silo

## Ensilage Corn

For years we have been specializing on Seed Corn. We have given particular attention to our Ensilage Corn and we feel that we are distributing the varieties best suited for our locality. Whenever our own or others' tests show a promising variety, we find the northern locality best suited for the growing of this variety and contract with the most successful grower in that community—that is the outstanding reason why our Corn gives universal satisfaction. After we receive our seed from the grower, several germination tests are made and we can tell you the average percentage of germination. This is marked on the label of all Corn sent out by us.

## Corn for the Crib

We believe the best varieties for crib Corn for this section are those that have developed within our own community. We do not advocate the planting of western-grown Seed Corn for cribbing purposes. Corn is one grain crop that must become acclimated before it does its best. It takes years of selection to acclimate Corn to a given section. We believe it is more profitable to the grower to improve our native varieties. With this principle in view, with the exception of the flint varieties, our Field Corn is native grown. We sell you only the best. All our Seed Corn is carefully selected, graded, and tested; you make no mistake in planting our seed.

## About Prices of Field Seeds

The prices of clover and nearly all other farm seeds are so uncertain, due to weather and the unusual economic conditions, that it is impossible at this time to quote you prices with any degree of certainty, as the market is changing almost daily. Our prices are always based upon the day's market; we never hesitate to reduce our prices to meet market conditions, regardless of our personal losses. Therefore, in order to protect ourselves and give you the benefit of any reduction in prices, we invite inquiries and will gladly quote you the best prices obtainable.

If possible, come to the store, inspect our stocks personally and secure the benefit of prevailing market prices, making it more satisfactory for both of us. But if you can't come, write us.

Wishing you a prosperous season, we are, cordially yours,

**CHAAPEL'S SEED STORE**

# MISCELLANEOUS FARM SEEDS

## Sudan Grass

Sow Sudan Grass after the soil has become warm, about corn-planting time. Sow 30 to 40 pounds to the acre, broadcast, about May 1. It may be cut in July, just before heading out. This gives time for a second growth to reach the stage where it can be used for pasturage. Lb. 15 cts., 10 lbs. \$1.25.

## Sorghum, or Amber Cane

Used principally as a summer fodder for cattle. Sow 5 to 6 lbs. per acre. Lb. 25 cts., 10 lbs. \$1.50.

## Broom Corn

**Improved Evergreen.** Best variety on account of color and quality of brush. Sow 8 to 10 lbs. per acre. Lb. 20 cts., 3 lbs. 55 cts.

## Kentucky Blue Grass

This makes the best, sweetest, and most nutritious pasture for all stock. It is the first to start up in the spring and remains green until snow flies. It is very hardy and is uninjured by cold or dry weather, hot sun, or tramping of hoofs. The roots are so thick and stout that they form a tough sod. Blue Grass requires about two years to get well started and for that reason it is often sown in mixture with other grasses. Lb. 40 cts., bus. (14 lbs.) \$4.25.

## Millet

**Tennessee, or Golden.** Produces a very fine quality of hay and makes a large seed-head. In good seasons it grows about 4 feet high. Sow 1 bushel (48 lbs.) broadcast to the acre, from April 10 to July 10. Lb. 15 cts., bus. \$2.75.

## Improved Dwarf Essex Rape

VALUABLE FEED FOR CATTLE, SHEEP, AND HOGS

A forage plant of great merit, easily grown on any land that will raise turnips or corn, and will furnish abundant supplies of succulent, rich, nutritious pasture at a season when it is most needed. Under ordinary favorable conditions Rape is ready for pasturing sheep or hogs in about six weeks from date of sowing, and on the average an acre will usually carry about ten hogs six to eight weeks.



Dwarf Essex Rape

Resolve now to employ Genuine Dwarf Essex Rape, as it is the right thing to do. Sow liberal quantities along with other grain. It will surprise you to find how clean it will keep your land, and what a quantity of green feed you have after the grain is harvested, which is the very time you want it. Sow about 6 pounds per acre if broadcasted, or 4 pounds if drilled.

Lb. 15 cts., 10 lbs. or more, 12 cts. per lb.

## Orchard Grass

It is well suited for shady places, such as orchards and groves. Lb. 35 cts., bus. (14 lbs.) \$4.

## Six-Rowed Barley

Is the earliest variety. Sow  $2\frac{1}{2}$  bushels per acre as early as ground can be worked. Bus. (48 lbs.) \$2.75.

## Winter Rye

**Rosen.** This new Russian Rye is said to be the best variety now grown. Sow  $1\frac{1}{2}$  bus. per acre. Bus. \$2.

## Mammoth Russian Sunflower

Highly valued as an excellent and cheap food for cattle and fowls. Lb. 20 cts., 10 lbs. \$1.25, 100 lbs. \$10.

## Buckwheat

**Japanese.** Is much superior to the common Buckwheat. Prices on application.

**Silver Hull.** The grains are of a silvery gray color, making a white flour. Prices on application.

## Red Top (Solid Seed)

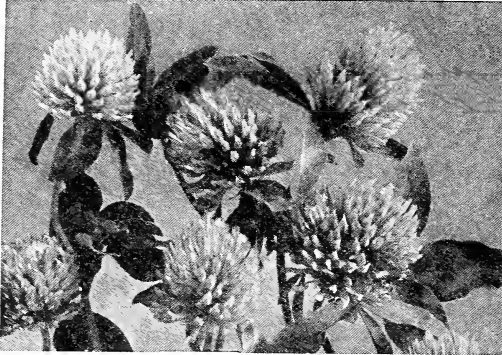
The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for timothy and Kentucky blue grass. Good to sow with timothy and clover for meadow or pasture and is more permanent than either. Lb. 30 cts., bus. (14 lbs.) \$3.50.

# Clover and Timothy Seed

PRICES ON FARM SEED SUBJECT  
TO MARKET CHANGES

ABOUT THE QUALITY OF OUR CLOVER AND TIMOTHY SEED

A large and increasing proportion of the orders we receive for Timothy and Clover Seed are for our "Globe" and "Pine Tree" brands, because our customers have learned that the best seed is the most economical regardless of the cost. Seed cleaned for our Pine Tree and Globe brands must in every instance come up to a certain standard before it can be sold as such. It has always been our policy to sell goods as advertised, never substituting an inferior grade unless so advised. In this way we have built up our reputation, and our friends have learned that when they order "Pine Tree" and "Globe" brands, they receive them. All our tested farm seeds are sold under the provisions of the Pennsylvania Pure Seed Law. When you buy seeds outside of Pennsylvania you are not protected by this Pure Seed Law



Medium Red Clover

**MEDIUM RED CLOVER.** It pays always to buy the best quality of Clover seed which can be obtained. Lb. 30 cts., bus. (60 lbs.), prices on application. Domestic-grown seed very scarce.

**GUARANTEED MAMMOTH RED.** Pea-vine or sapling Clover, a large rank-growing Clover producing an enormous yield. It is a valuable plant for our depleted, worn-out hill-tops. **Our stock of this Clover is the genuine Mammoth.**

**ALSIKE, or SWEDISH.** This is one of the hardiest varieties known. It is perennial and does not winter-kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red and with timothy. Lb. 30 cts., bus. (60 lbs.) \$15.

**CRIMSON, or SCARLET.** An annual of strong, erect growth. Lb. 25 cts., bus. (60 lbs.) \$10.

**ALFALFA.** Northwestern-grown Alfalfa produces from 3 to 7 tons of hay to the acre. It has as much protein as wheat-bran. Three hundred and sixty stalks have been grown from 1 seed. It does not

exhaust the soil; it enriches the soil. It will grow 3 to 5 crops a year. Alfalfa in money value is worth 45 per cent more than other Clovers and 60 per cent more than timothy. Ten milch cows can be fed on less than 2 acres by soiling. Lb. 30c., bus. (60 lbs.) \$15.50.



Timothy

## Timothy

As a crop for hay, Timothy is probably unsurpassed by any other grass. It should not take an intelligent farmer long to figure the wisdom of investigating his time and money in reliable seed. Lb. 15c., bus. (45 lbs.) \$4.50.

## Grimm Alfalfa

(See illustration in color on  
fourth page of cover)

THE GENUINE CERTIFIED GRIMM

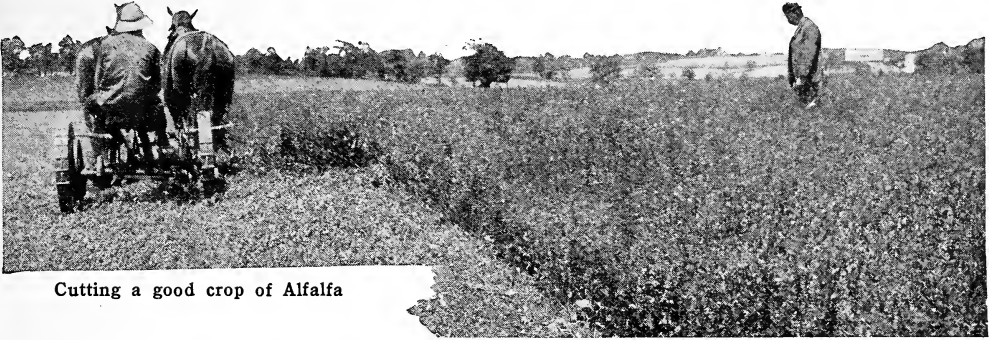
The U. S. Department of Agriculture report a great shortage in Red Clover for this season, both in the American and European growing sections. This shortage amounts to about one-half of the normal crop and, with practically no carry-over of this seed, is reflected in the price. Medium Red Clover of good quality should retail around \$25 per bushel for the 1925 planting.

For the past four or five years, Red Clover has been an uncertain crop, and many farmers are turning to Alfalfa for a hay crop, with excellent results. Alfalfa as a hay crop has double the feeding value of other hays; it produces three to seven tons per acre and grows three to five crops per season. Its feeding value is equal to that of wheat bran. Alfalfa enriches the soil instead of exhausting it.

In the past, some farmers have not succeeded in getting and maintaining a stand of Alfalfa, which was due, we believe, to several reasons, such as a lack of lime in the soil, improperly prepared seed-bed, and the wrong kind of seed. With the increased knowledge we have obtained of and about this important crop during the past few years, these obstacles are, in a measure, overcome.

By sowing Grimm Alfalfa seed, the localities where Alfalfa can be successfully grown has been greatly increased. Our Grimm Alfalfa seed is produced in the northwestern states where the climate is much colder and the winter longer than in the eastern states. It is more hardy than the other strains of Alfalfa; it has a different root system and can be grown on shallower soil. The root system of the Grimm is of a spreading nature, more like the root system of our Red Clover. Due to the nature of the root-growth of Grimm Alfalfa, it has a better chance to come through the winter in good shape. Our stock of Grimm Alfalfa seed comes to us from the growers in sealed and certified bags and is guaranteed by the Farmers' Association to be the genuine strain of Grimm Alfalfa. Lb. 60 cts., bus. \$30.

If wanted by Parcel Post, add postage 5 cents for the first pound, and 1 cent for every additional pound, within the First and Second Zones. Seamless 2-bushel bags, used in shipping, 50 cts. each.



Cutting a good crop of Alfalfa

## To Grow Alfalfa Successfully

To thrive, Alfalfa requires a congenial environment. Wet soil must be drained; sour soil limed; poor soil enriched with stable manure, green manure, or commercial fertilizer and weedy soil cleaned by cultivation. A firm seed-bed, inoculation, and cutting at the proper time will help get and maintain a good stand.

**Use good seed only.** Take no chances on your Alfalfa seed. Insist upon having **Northern-grown American seed.** Much time and money has been spent in preparing ground for Alfalfa and then lost out by sowing poor seed. Southern-grown and imported Alfalfa seed is absolutely worthless for seeding in the North Atlantic States. Chaapel's Alfalfa seed is the best obtainable northern-grown seed. When you plant it you take no chances. Our deep-rooted strain of Alfalfa comes from Montana where weather conditions are more severe than in Pennsylvania. Our Grimm or spreading rooted strain comes from the bleak, cold, "Bad Land district" of the Northwest, in sealed bags and certified to be the genuine Grimm Alfalfa.

**Prepare a firm seed-bed.** One of the greatest causes of failure in getting a stand of Alfalfa is sowing in a loose seed-bed. The soil dries out quickly and the little rootlets die for want of moisture. The ground must be packed firmly so that the plant-food and moisture below can reach the rootlets. Ground for Alfalfa must be disked, rolled, and worked down to a solid seed-bed with a fine mulch on top to retain moisture and should stand five weeks before seeding.

**Plant on well-drained soil.** Alfalfa will not grow on wet ground. Wet land must be drained; it thaws and freezes heaving the ground, breaking the tap root, killing the Alfalfa plant.

Nitrifying bacteria will not live in wet soil. Without the aid of this Alfalfa will not thrive.

**Provide friable soil.** If the ground lacks humus, supply it by applying stable manure or turning down clover sod or other green manure.

**Inoculate with pure culture bacteria.** You may be able to grow Alfalfa without artificial inoculation, but inoculation insures success. The Alfalfa nodules are composed of bacteria different from that on clovers or other legumes. A pure culture is safest, easiest, and best to use, it avoids the danger of introducing plant diseases and obnoxious weeds. A pure culture is the easiest because all you have to do is to add a little sweetened water to it, stir the seed in it, and spread it out to dry where the sun will not shine upon it. We sell and recommend "Nodule Bacter" for inoculating Alfalfa seed. For full description of "Nodule Bacter," see page 42.

**Lime the land.** Alfalfa requires sweet soil; it will not thrive on sour soil. Apply lime in the most convenient form—at least one ton of Hydrated Lime per acre or its equivalent in other forms of lime—after plowing, harrowing it in. Two weeks must elapse between liming and seeding.

**Time to seed.** Alfalfa may be sown in spring or fall. The best months in Pennsylvania and adjoining states are April to September. Where severe winters are anticipated, spring seeding may be preferred.

**Depth to cover seed.** Cover Alfalfa seed one-half to one inch deep, depending upon the soil; on heavy soil seed shallow, on light soil deeper. Roll to pack the earth about the seed, packing aids germination by insuring sufficient moisture to soften the hard coat of Alfalfa seed. Sunlight dries out and kills the inoculating bacteria, therefore sow seed on a cloudy day and cover immediately. Covering also gives the young roots a chance to develop.

**How much seed to use.** To seed an acre use 20 to 25 pounds and seed both ways.

**An easy way to get started.** Many state colleges are recommending the seeding of Alfalfa when other clovers or timothy are sowed. A good mixture is 2 quarts Alfalfa, 1 quart Medium Red, and 1 quart Alsike Clover.

**Nurse crop advisable.** For spring sown Alfalfa use a nurse crop, it helps control the weeds. Oats or barley makes a good nurse crop, sow lightly. It is sometimes advisable to cut the nurse crop before it matures. Do not use a nurse crop for fall seeding.

**Cut when new shoots start.** When Alfalfa is ready to cut, it will show more or less bloom, but the thing to watch is the starting of the second growth. The time to cut is when the new shoots at the crown or base of the plant are about 1½ to 2 inches high.

Set the mower high enough so as not to clip off the tops of these shoots. If cut earlier you lose growth on the first crop. If cut later, you are likely to cut the new shoots and thus retard the growth of the second crop. In either case, your Alfalfa patch is "fooling round doing nothing" for several days when it should be growing.

Be careful not to cut too late in the fall. Leave a good growth, 8 to 12 inches, for winter protection.



Soy Beans

## Soy Beans The Great Soil-Improver

Soy Beans can be grown in all parts of the country where dent corn succeeds and on a greater variety of soils than any other legumes. **All Soy Beans are very scarce. Prices subject to change.**

Inoculate  
this seed with  
**NODULE-BACTER**

**For the Silo.** It has been found that Soy Beans, planted in with the silo corn at the rate of 15 to 18 pounds to the acre and put in the silo with the corn, make a very rich ensilage, far superior to corn alone. We believe this method is far better than planting the corn and Soy Beans separately when intended for the silo; as it insures an equal distribution, which cannot be obtained readily when they are planted separately and put in the silo alternately. Soy Beans may be grown for grain. Allow for postage.

**Medium-Early Green.** For the northern tier of Pennsylvania counties, where the practice of sowing Soy Beans with the silo corn is becoming popular, it is advisable to have a variety of Soy Beans that will give the greatest amount of foliage and almost-matured grain at silo-filling time. In variety tests, this heads the list. This plant grows upright, produces much foliage and is the heaviest producer of grain. Pk. \$1.50, bus. \$5.

**Wilson.** This variety in some ways excels all others as a forage crop. The stalks and branches are slender and we think probably it would make the most hay and a little the best quality of any variety. It matures in 125 days. Sow 40 pounds to the acre. Pk. \$1.50, bus. \$5.

**Elton or Chestnut.** An early Bean that matures about a week earlier than Medium-Early Green or Wilson. It is a desirable Bean for northern localities. It is a strong grower, a large seed producer and having an abundance of foliage, it is a desirable variety to sow in the ensilage corn in northern counties as it matures sufficiently for that purpose. It makes an excellent hay and hog pasture. Pk. \$1.50, bus. \$5.



Perennial White Sweet Clover

## Perennial White Sweet Clover

(*Melilotus Alba*)

**Sweet Clover** is a legume of immense size and rank growth. It has great value as a soil improver. It furnishes a palatable hay and makes excellent pasture.

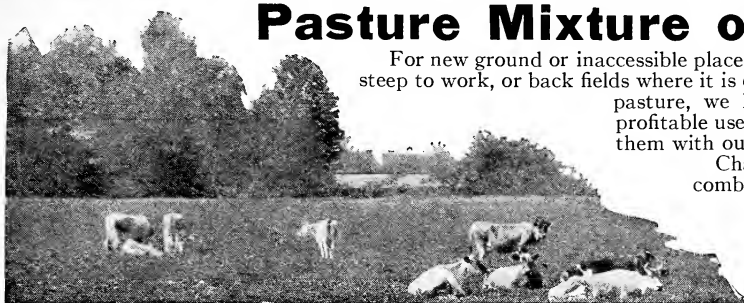
Inoculate  
this seed with  
**NODULE-BACTER**

**Sweet Clover** will grow on almost any soil where proper amounts of lime have been applied. Its immense growth (8 to 10 feet), and its ability to gather nitrogen from the air and deposit it in bacterial nodules on the roots, together with the large amounts of humus it supplies to the soil when turned down, makes it an ideal crop to improve good soil and a splendid crop to build up poor land.

**Sweet Clover** makes a good grade of hay and it will produce a larger tonnage than any other legume crop; it averages two or more cuttings per year. Lime well for Sweet Clover, at least  $\frac{1}{2}$  ton Hydrated Lime per acre, or its equivalent. Sow 25 pounds seed per acre. Lb. 25 cts., postpaid, bus. (60 lbs.) \$11.



## Pasture Mixture of Grasses



For new ground or inaccessible places, such as hillsides that are too steep to work, or back fields where it is desirable to have a permanent pasture, we know of no better nor more profitable use to put these fields than to sow them with our Pasture Mixture.

Chaapel's Pasture Mixture is a combination of hardy grasses that will last for years and assure you a constant successive growth of rich pasture from spring until fall. It is composed of such seed as Kentucky Blue Grass, Red Top,

White and Alsike Clover, Meadow Fescue, and Pacey Rye Grass Sow 30 to 50 pounds per acre. Lb. 35 cts., 100 lbs. \$30.

## Sand or Winter Vetch

**A Valuable Legume for Improving the Worn-out Soils**

For forage and fertilizing purposes. It succeeds and produces good crops on poor, sandy soils as well as on good lands, growing to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter. The root-growth makes quantities of nitrogen tubercles, thus giving it very valuable fertilizing properties. Grow your nitrogen. Sow thirty to forty pounds to the acre with one-half bushel rye, oats or barley. Lb. 25 cts., bus. \$12. Price subject to change.

Inoculate  
this seed with  
**NODULE-BACTER**

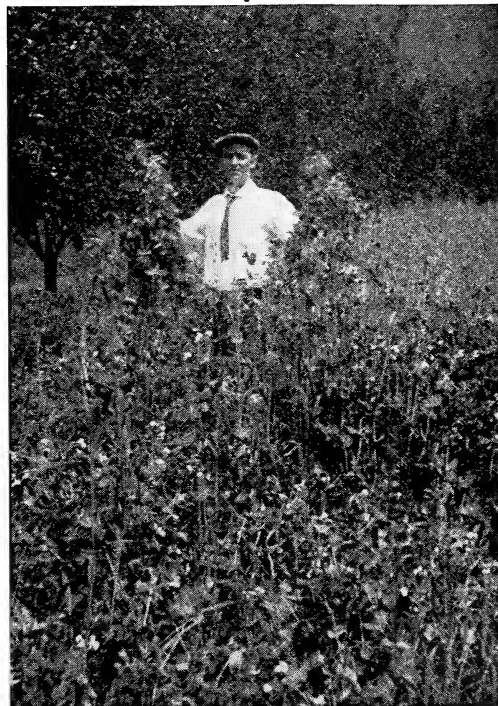
## Canadian Field Peas and Oats FOR FODDER

There is no crop grown on the farm as valuable for summer feeding as Canada Field Peas and Oats, and they are equally valuable in the silo or as hay

Many of our best farmers know and understand this, but very many do not. It is used both as a green feed and as a fertilizer, and in both places deserves to occupy a very prominent position. As green feed sown with oats or barley early in the spring, it fills a place that no other plant which we have can occupy. The amount of feed produced on an acre is very large. It comes before any other good nutritious feed suitable for hay or soiling. It is greedily eaten by practically all kinds of stock, and is as nourishing as can be desired.

**For the Silo.** Recent tests, reported by some of the agricultural agents, show that Canada Field Peas and Oats make a very desirable addition to our available crops for silo purposes. Coming on as they do at the time of the year when the silos are empty or partially so, they can be utilized to advantage for these purposes. We would earnestly urge our customers to use these Peas more liberally than many of them have been doing in the past, knowing that they will be very well pleased with the result.

These make a fodder and hay which double the production of milk. Pk. \$1.50, bus. (60 lbs.) \$4.25, bag (2 bus.) \$8. Price for larger lots will be quoted by letter at any time.



P. A. McGowan inspecting a field of Lycoming County-Grown Canada Field Peas and Oats

### TO GET BEST RESULTS

Sow in early spring, the earlier the better, about one or two bushels each per acre. Drill the Peas in first, about four (4) inches deep, sow the Oats in the usual manner. Oats should be drilled the opposite way the Peas were drilled for best results.

Ready for cutting about the latter end of June, when the Oats are in milk and the pods formed on the Peas. Nutritious and relished by all stock. Choice Northern Grown Seeds, acclimated and tested for germination. Will produce big crops and improve the land.



A field of Swedish Select Oats

*"As Ye Sow, So Shall  
Ye Reap"*

## SEED OATS

32 lbs. to the bushel. Sow  
2½ bushels to the acre

What was true twenty centuries ago is true today—"like begets like" holds good up to a certain extent. This is more true when applied to the Oat than any other cereal. There is always that tendency to reversion or the "seed run out" as we hear it expressed. The heaviest and best of new varieties run out if kept on the one soil too long. To keep the Oat yield up to standard we must continually import from the Oat-growing sections new stock for planting. An Oat that runs from three to six pounds above the standard weight certainly is preferable to one that runs under weight two to four pounds—any farmer can appreciate the difference and realize the difference in yield and feeding-value. Plant good Oat seed.

### Swedish Select Extra-heavy Recleaned Seed

This Oats was introduced a few years ago by the U. S. Department of Agriculture and today is the most largely planted of all varieties in the northern central states. Briefly described, the Oat is pure white in color, the hull is thin, the kernel large and plump, and the straw stiff and strong enough not to lodge. A remarkable root development makes Swedish Oats a good drought resister—a special feature on light soils. Season medium early and the earliest of the heavy yielding sorts. Especially suited to high land. Peck 40 cts., bus. (32 lbs.) \$1.30, 10 bus. or more, \$1.25 per bus.

After repeated tests, the following is said of this popular variety of Oats:

At the Wisconsin Experiment Station: "It has stood at the head of the list for several years."

Professor Moore of Wisconsin says: "The most satisfactory Oats of all."

**HEAVY WEIGHT.** The Michigan stock is a good yielder with plump grains. Reliable and reasonable in price. Bus. \$1.

### Improved White Russian

A Side Oats that is a dependable cropper and as near rustproof as any Oats can be. It withstands extremes of heat and cold and seldom fails to deliver a remunerative crop. White Russian is a distinct type of Side or Horse-Mane Oats of Russian origin. Pk. 50 cts., bus. \$1.75.

### Canadian Cluster

One of the heaviest yielding Oats we know of—yields 70 to 85 bushels per acre. It is a Canadian Oats that produces in clusters on one side of stem. A white Oat having good, long, stiff straw. Bus. \$1.35, 10 bus. \$1.25 per bus.

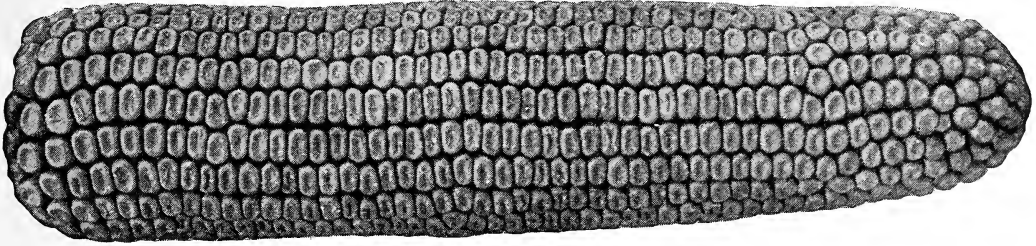
### Liberty Hulless

A new and entirely distinct Oats that comes to us from Dakota. It is entirely hulless, a good yielder, having long stiff straw, and an ideal Oats for poultry and other live stock. Something new. Try it. Lb. 20 cts., 10 lbs. \$1.75.



### Improved Treatment for Oats Smut

Use one pint of Formalin (Formaldehyde 40 per cent) in 10 pints of water and with a spray pump direct a spray into each shovelful of grain as it is being shoveled over on a clean floor or canvas. This quantity, 11 pints, will treat 55 bushels at the rate of 1 pint to 5 bushels. Grain may be immediately sacked. ½ pt. 35 cts., pt. 50 cts.



Quenshenaque Yellow Dent Corn

## Northern-Grown Seed Corn

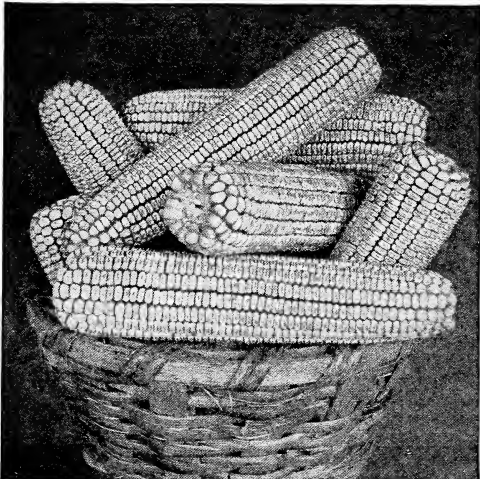
MOST VARIETIES ARE LOCALLY GROWN, SELECTED BY HAND, AND GRADED  
ALL OUR SEED CORN IS TESTED FOR VITALITY BEFORE YOU GET IT, AND THE GERMINATION MARKED ON THE LABEL

Plant 8 to 10 quarts to the acre in hills; sow 2½ to 3 bushels broadcast for fodder

**CAUTION.**—Test your Seed Corn. The early October frosts, together with the late season, produced an unsatisfactory condition in the Seed Corn situation. Seed Corn is in a critical condition. Our supply is short, and price of Corn offered in this catalogue is subject to market price at the time of sale.

**QUENSHENAQUE YELLOW DENT.** An early-maturing Yellow Dent, grown and bred on the hills of Lycoming County. A Corn of good size and a sure-cropper. This Corn has never failed to ripen properly in its native habitat on the hills, up the Quenshenaque Run. It is a beautiful Yellow Dent with just enough White-Cap blood in it to give it strong vitality and early maturity. It matures in 90 to 100 days; the stalks are 7 to 8 feet tall, and the ears 8 to 10 inches long. We feel safe in recommending this Corn to the growers on hill farms on account of its extreme earliness and strong vitality. Price on application.

**GOLDEN SURE CROP.** (Lycoming County-grown.) We are offering this year seed of this variety, acclimated and grown in Lycoming County, which we believe will give better satisfaction for grain purposes than that grown in Lancaster County. In type it differs from every other Corn on our list. It would take no prizes at a Corn show—it doesn't conform to the standards that Corn judges like to see—doesn't have the fancy, straight-row manner of growth. The ears are very long, not proportionately thick. It is of golden yellow appearance on the ear. When shelled, it has a sort of reddish yellow or speckled appearance. (Corns that shell red are good yielders for rough-and-ready farming.) You will usually find 14 to 20 rows of grains,



White-Cap Yellow Dent Corn

set close together, with very little waste space between them. Ears of Golden Sure Crop fill out especially well—from butt to tip. The grains are very hard and are not deep, but more square. There is not much cob, so that the proportion of shelled Corn to ear is very satisfactory. An especially good trait of this variety is that it produces a good ear on every stalk in the field—nubbins are very few. We strongly recommend Golden Sure Crop for use where other varieties of Corn have not shown up well—on soil of just average fertility, or even on poor ground, or where proper culture could not be given. This variety will give a very good account of itself under such conditions. Price on application.

**WHITE-CAP YELLOW DENT.** Acclimated and grown in Lycoming County, this Corn has never failed to mature properly; vigorous habit, large foliage, and a sure cropper. The ears are large—9 to 11 inches and 14 to 16-rowed—well filled out and showing practically no gloss whatever, thus demonstrating its well-bred propensities. The grains are large, beautiful lemon-yellow, and white-capped. Price on application.

**LONGFELLOW FLINT.** This for a long time has been the popular 8-rowed Yellow Flint Corn. It is a very productive variety; ears 12 to 14 inches long and matures where the Yellow Dent fails. Price on application.

WRITE FOR MARKET PRICES BEFORE ORDERING

In ordering Seed Corn by Parcel Post allow for postage and cost of bags; see third page of cover.

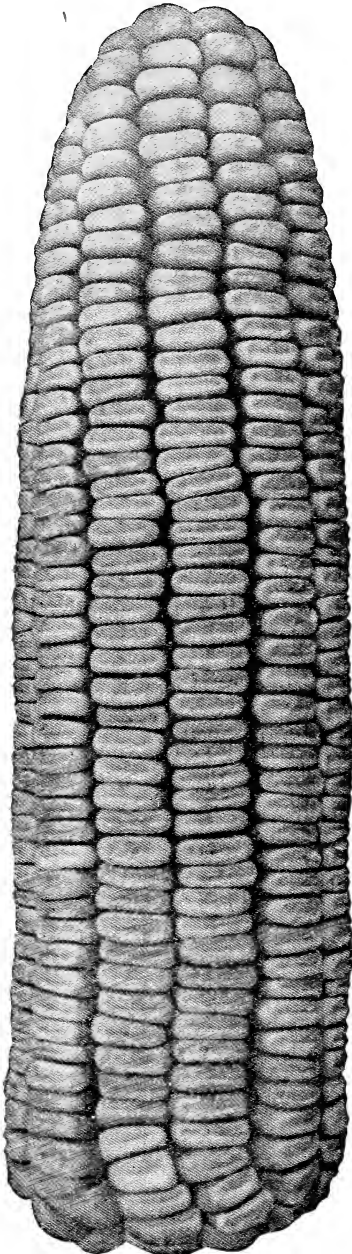
Owing to unsettled conditions prices of all Seed Corn are subject to change without notice

# ENSILAGE SEED CORN

## Lancaster County Sure Crop

HOLDS FIRST PLACE IN THE ESTIMATION OF MANY LEADING FARMERS

Of late many have come to believe that considerable Corn, as well as stalk, should go into the silo—and that where length of season permits, the Corn grains should be well glazed before cutting. Farmers with this viewpoint are firm believers in Lancaster County Sure Crop as the very best Corn for this purpose. Farm Bureau Agents throughout Pennsylvania have become acquainted, through tests with the merits of this variety, with its nutritive value as compared to other silage Corns, and recommend it highly. This variety *grows quite tall—is very leafy—develops ears early—withstands drought—will develop Corn well to the north.* You will be pleased with Lancaster County Sure Crop as a silo-filling variety—rich in its protein content. Price on application.



Blue Ridge Ensilage Seed Corn

## Virginia-grown Eureka

It is the largest Corn we know of, growing from 14 to 18 feet high, on stalks 2 to 2½ inches in diameter, and has a vast amount of foliage. If it is a question of tonnage on your farm, grow Eureka Ensilage Corn. It gives you a succulent, palatable, cheap feed the year around. The seed we offer is the genuine Eureka, grown in the Shenandoah Valley of Virginia, and will give one of the largest crops of Ensilage Corn you have ever had. Price on application.

## Improved Golden Dent

VIRGINIA-GROWN

We offer this as the best Yellow Ensilage Corn we can find. The grower says: "We have been carefully growing and selecting this Corn for several years until now we have in it the most prolific and hardy yellow Corn to be had for the South. It is not a Flint variety, but being a moderately hard Corn, does not rot in the fields as do many varieties of yellow Corn. It is exceptionally early, maturing fully three weeks ahead of Eureka, or as early as Blue Ridge." Price on application.

## Blue Ridge

A NEW VARIETY OF ENSILAGE CORN OF GREAT MERIT

Blue Ridge is at least three weeks earlier than its famous prototype, Eureka, with all its good qualities and none of its faults. It is a product of the Blue Ridge Mountains of Virginia, bred for earliness so as to give a glazed ear in this locality at harvest-time. It grows 12 to 14 feet high, on a thick, heavy stalk, well filled with leaves which retain their color well to the ground until harvested. The ears average 10 to 12 inches long; the grain is broad, thick and white, containing an unusual amount of sugar, making this variety the ideal Ensilage Corn, insuring an appetizing and good-keeping silage. (See illustration from an actual photograph, two-thirds natural size.) Price on application.

CAPACITY OF SILOS			SILAGE FOR 200 DAYS			Average acreage required	Seed required
Height	Diameter	Tons capacity	No. of animals to be fed	Lbs. fed per head per day	Tons silage required		
24 feet	12 feet	54	15	25	32.5	4	24 qts.
28 feet	12 feet	64	15	30	45.0	5	30 qts.
28 feet	14 feet	86	15	35	67.5	7	42 qts.
30 feet	14 feet	92	20	30	60.0	8	48 qts.
32 feet	16 feet	120	20	35	70.0	10	60 qts.
34 feet	16 feet	128	20	40	80.0	10 ½	65 qts.
32 feet	18 feet	162	25	35	87.5	13 ½	85 qts.
34 feet	18 feet	172	25	40	100.0	14	84 qts.
36 feet	18 feet	182	30	35	105.0	15	90 qts.

Seed Corn costs less per acre than any seed you use. It is just simply good business sense to have only the very best. Why use "run-out" seed? It cuts both yield and quality.

We can send Potatoes by parcel post weighing 70 lbs. Potatoes weigh 60 lbs. to the bushel.  
 If wanted by parcel post allow for postage—1 lb. 5c.; each additional lb. 1c. in 1st & 2d zones.

## Northern-Grown Seed Potatoes

GROWN ESPECIALLY FOR SEED



Irish Cobbler Potatoes

For many years we have made a specialty of supplying our trade with northern-grown Seed Potatoes, and have enjoyed a largely increased trade from year to year. This we attribute to the fact that our stock is especially grown for seed, by experienced growers in the cold north-east and being pure and true to name, produces a much larger yield, and Potatoes of a much finer quality, than the home-grown and western stocks usually sold in the open market for seed purposes.

We begin shipping Seed Potatoes as early in the spring as weather conditions will permit, usually the latter part of March. However, we

urge our customers to place their orders early, while our stock of all varieties is complete, as it frequently happens that we are unable to supply certain varieties late in the season. Owing to the perishable nature of Seed Potatoes the market is subject to radical changes, and it is impossible for us to guarantee prices; therefore, the prices given here are subject to change. Write for quantity prices.

### Irish Cobbler

An early, white-skinned variety; very short, thick, inclining to round. This is yearly increasing in popularity for the early market. But few varieties, if any, combine earliness, size, and production in as great a degree. The crop is ready for market about ten days earlier than the Early Rose; tubers are uniformly larger and in average production of large crops it is not equaled by any of the extra-early varieties nor greatly surpassed in yield by any of the main-crop varieties. The vine is very stocky and vigorous, not as liable to be affected with blight or to suffer by drought as most others. No other of the early varieties is as dependable as this, and is so certain to produce a crop. Pk. 75 cts., bus. \$2.50.

**PURE EARLY ROSE.** The good old favorite; pure and true. Every farmer and gardener knows the good Early Rose Potato, and nothing need be said in its favor. Our seed is grown in New York state, and we can offer it as the purest and best that can be had. Pk. 75 cts., bus. \$2.50.

**Early Ohio.** A few days earlier than the Early Rose, and similar in color and habit of growth; quality dry and mealy. Pk. 75 cts., bus. \$2.50.

**Stray Beauty.** Extremely prolific and a full week in advance of Early Rose. Color a beautiful light red; size medium; growth very uniform. Shape, nearly round. The flesh is white; very mealy when cooked. Pk. 75 cts., bus. \$2.50.

**Burpee's Extra Early.** Of the finest quality and good size. Tuber oblong, white, or very pale brownish skin; few and shallow eyes. Pk. 75 cts., bus. \$2.50.

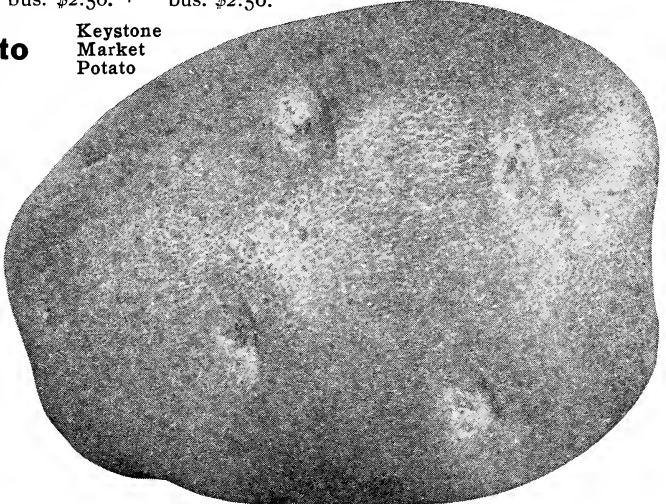
### Keystone Market Potato



As a commercial Potato, with its smooth, very white skin, free from scab, it brings attractive prices; as a shipper and long keeper, it is superb. The quality is

all that can be desired, being mealy with a delightful flavor. When baked in the jacket it has that white flaky appearance so much desired, and when removed from the jacket it stands up like whipped cream. It is simply delicious, healthful, and wholesome. Being a medium-late variety, with its exceedingly good habits and with an individuality decidedly its own, it has kept in the fore ranks of popularity since its introduction. Pk. 75 cts., bus. \$2.50.

Keystone Market Potato





# We Are Headquarters for Pulverized Sheep Manure

"A BAG EQUALS A LOAD"

**Nature's Fertilizer, Kiln-Dried and Pulverized.  
Free from Weeds—It Makes All Plants Grow**

This is probably the most extensively used of any animal manure by the florists and market-gardeners. The analysis shows it to be a perfectly balanced plant-food.

Pulverized Sheep Manure acts quickly, and is invaluable for all crops that require a quick stimulant at certain stages of development.

**GET THE GENUINE SHEEP'S-HEAD BRAND—DO NOT BE FOOLED WITH ODORLESS SHEEP MANURE. IF YOU TAKE THE ODOR AWAY, YOU TAKE AWAY THE MOST VALUABLE PART—THE NITROGEN.**

**THE GENUINE SHEEP'S-HEAD PULVERIZED SHEEP MANURE IS A LIGHT BROWN COLOR. IT IS NOT BURNED BLACK LIKE INFERIOR GRADES. IF YOU CANNOT SMELL PULVERIZED SHEEP MANURE A MILE AWAY (FIGURATIVELY SPEAKING) IT IS NOT THE REAL ARTICLE.**

It is prepared by a special drying, screening and grinding process which destroys every weed seed and eliminates every bit of worthless bedding and foreign matter. Only the pure fertilizer in most concentrated and effective form is packed in bags for convenient and economical use.

Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$13, ton \$45.  
Special prices on car lots, f. o. b. factory, on request



## LEGUME INOCULATION

**SMALL COST LARGE RETURNS  
EASY TO USE**

# Helps Raise Better Crops

It is very important that legume crops should be soil-builders, not soil-robbars. Legumes without proper bacteria rob the soil of nitrogen, making it poorer, the same as other crops. Legumes supplied with strong active bacteria of the proper kind produce larger yields and also enrich the land.

These bacteria, when present in sufficient numbers, attach themselves to the roots of legumes, wherein they live and draw large quantities of nitrogen from the air. This nitrogen drawn from the air by the bacteria greatly aids the growth of the crop with which they are living and at the same time there is being deposited in the soil quantities of nitrogen to grow further good crops of any kind.

Since the importance of these bacteria is an established fact, it is most advisable to make sure crops are properly supplied. This can be done by putting Nodule-Bacter inoculation on the seed before planting.

Nodule-Bacter is easily and effectively used by anyone; no special implements or experience are needed.

The cost is so little you cannot afford to take chances on money invested in seed and labor without inoculating.



Not Inoculated SOY BEANS Inoculated with Nodule-Bacter

**Nodule-Bacter is prepared for the various legume crops as follows:**

Alfalfa	Soy Beans
Sweet Clover	Garden Beans
Red Clover	Field Beans
Crimson Clover	Vetches
White Clover	Garden Peas
Alsike Clover	Canada Field Peas
1-peck package.....\$0 40	1/2-bushel package.....\$0 40
1/2-bushel package..... 60	1-bushel package..... 60
1-bushel package..... 1 00	2-bushel package..... 1 00
5-bushel package..... 4 00	10-bushel package..... 4 00

Garden Size package of a combination culture sufficient to inoculate two quarts of sweet peas, garden peas, or beans, 35 cts. (This size is not put up for other crops.)

Each legume crop must have the proper bacteria; therefore, when ordering be sure to give the names of crops to be inoculated.

**DESCRIPTIVE CIRCULAR FREE UPON REQUEST**

# OUR SPECIAL GARDEN FERTILIZER



Take an iron-toothed rake and rake the fertilizer thoroughly into the soil

## (Royster's Special Trucker 4-8-5)

Agricultural science has found a way to make soils productive. Soils, to be productive, must furnish a suitable and congenial home for the plant to be grown, a home where it can develop and thrive with the least amount of resistance. Given this sort of a home, and with the aid of Nature's sunshine and rain, and the judicious use of plant-food, the growing of crops becomes a pleasure and a source of profit.

All growing plants require food. The ease with which this food is obtainable determines the development of the plant. For the garden where a diversified growing of plants is desirable, we know of no better form of plant-food than Our Special Garden Fertilizer. It contains the right amount and the right kind of plant-food for the growing of bumper crops of potatoes and vegetables. Containing 4% ammonia, 8% phosphoric acid and 5% potash.

Lb. 10 cts., 3 lbs. 25 cts., 10 lbs. 65 cts., 25 lbs. \$1.25, 50 lbs. \$2, 100 lbs. \$3.50, ton \$50 (in 167-lb. bags)

## THE TWO MAGIC PLANT GROWERS

**NITRATE OF SODA.** This is the most soluble and quickly available form of nitrogen or ammonia. It is especially valuable for cabbage, cauliflower, beets, carrots, onions, tomatoes, potatoes and similar crops, as well as for grass and grain. It is immediately available to the plants when applied. If your plants don't grow well, try a little Nitrate on them—but don't use too much. Lb. 10 cts., 2½ lbs. 25 cts., 5 lbs. 45 cts., 12 lbs. \$1, 25 lbs. \$1.50, 100 lbs. \$4.75, 200 lbs. (original bag) \$9. Nitrate of Soda can be sent by mail, in metal containers. Lb. 15 cts. (postpaid, 20 cts.), 4 lbs. 50 cts. (postpaid, 60 cts.).

**SULPHATE OF AMMONIA.** Is the most concentrated nitrogenous top-dressing fertilizer on the market. The guaranteed analysis is 25¼ per cent ammonia. Superior to nitrate of soda in many ways. It is entirely soluble and is immediate in its action and will invigorate the grasses and shrubbery to a luxuriant and healthful growth. **Sulphate of Ammonia** is a chemical compound of high purity. It is odorless, clean, and entirely free from weed seeds. Apply at the rate of 100 to 200 pounds per acre (¼ to ½ lb. per 100 sq. ft.). Lb. 10 cts., 2½ lbs. 25 cts., 5 lbs. 45 cts., 12 lbs. \$1, 25 lbs. \$1.50, 200 lbs. \$10

**BONE MEAL.** Pure ground bone. It is rich in nitrogen and phosphoric acid, the two principal plant-foods. Lasting in its effect; especially fine for rose and other blooming shrubs. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$14, ton \$55.

**CATTLE MANURE.** (Pulverized or Shredded.) A valuable fertilizer for the garden; carefully prepared by drying and screening. In 100-lb. bags only, \$3 each, 500 lbs. \$14, ton \$48.

**LAND SALT.** 10 lbs. 25 cts., 25 lbs. 50 cts., 50 lbs. 85 cts., 100 lbs. \$1.25, ton \$20.

**HYDRATED LIME.** Slaked and pulverized, ready to apply to the soil. Hydrated (Powdered) Lime can be more uniformly distributed than other forms of Lime. Especially prepared for the lawn and garden. Bag (50 lbs.), delivered in the city, 75 cts., ton \$14.

**ACID PHOSPHATE** (16 per cent). Apply 300 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 100 lbs. \$1.50, 167 lbs. (original bags) \$2 (delivered in city \$2.25); ton \$22.

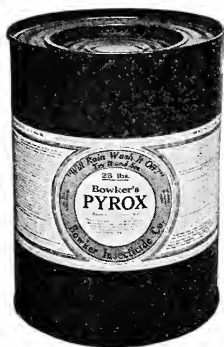
**ROYSTER'S PENNSYLVANIA POTATO GUANO** (2-6-3). A garden and potato fertilizer for the market and home-garden containing 2 per cent ammonia, 6 per cent phosphoric acid, and 3 per cent potash, well balanced in the essential plant-foods for the production of bumper crops of vegetables and potatoes. Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, ton \$40.



**BIG CROP** (1-9-3). 125 lbs. \$2.25, ton \$32.  
**BIG CROP** (2-8-5). 125 lbs. \$2.50, ton \$36.

# INSECTICIDES AND FUNGICIDES

## WHAT PYROX IS and WHAT PYROX DOES



Pyrox is a powerful fungicide; it controls fungous diseases even some serious ones that other fungicides do not control. A strong poison insecticide, it kills chewing insects, even those which are hard to kill, like the hard-shelled potato beetle.

Over twenty years of practical farm use have proved Pyrox the most effective remedy against both serious fungous diseases and chewing insects. It contains the essential copper in proper quantity for safe use and in most active form for greatest fungicidal value. In Pyrox the poison insecticide is chemically blended with the copper fungicide, which increases the effectiveness of both.

It saves labor; it is easy to use—simply mix with cold water and spray.

It goes farther; it is so smooth and fine that the finest nozzle can be used without clogging. The resulting mist-like spray covers more surface.

It gives more thorough protection. It should be put on with fine nozzle, because when applied in the finest mist it covers more thoroughly every part of the leaf or fruit.

It gives more lasting protection; it sticks like paint and stays on for weeks. Even hard rains do not wash it off once it is thoroughly dry.

It helps to increase yields; the copper fungicide in Pyrox stimulates the leaves, makes them greener and more vigorous and helps to increase yields even when there is no disease.

Get ahead of the crows by treating seed corn with Pyrox

Lb. 50 cts., 5 lbs. \$1.75, 10 lbs. \$3, 25 lbs. \$6, 100-lb. keg \$18.50. Cannot ship by Parcel Post

**SCALECID.** The latest and best spray for San Jose scale, cottony maple scale, and pear psylla.

It is not poisonous, being simply a mechanical preparation of petroleum oil that instantly mixes with cold water and is immediately ready to apply. 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 if applied in late fall, winter, or early spring, while the foliage is off. Safe and easy to apply. The new 15-gallon drum contains enough Scalecide to spray the same number of trees as a 50-gallon barrel of concentrated Lime-Sulphur Solution. Qt. 75 cts., gal. \$2, 5 gals. \$6.25, 15-gal. drum \$11.50, 50-gal. bbl. \$38.



**"Black Leaf 40."** A concentrated solution of nicotine sulphate; an excellent spray for black aphid and sucking insects of all kinds. Dilutes one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. Oz. 35 cts., ½lb. \$1.25, 2 lbs. \$3.50, 10 lbs. \$13.50.

**Formalin.** (Formaldehyde, 40 per cent.) A valuable disinfectant for destroying germs that cause diseases in plants. ½pt. 35 cts., pt. 50 cts.

**Arsenate of Lead, Powdered.** This form of Arsenate is exclusively used. It is instantly soluble in water and a pound thereof goes almost twice as far as 2 pounds of paste Arsenate. One pound dilutes to 50 gallons of water. ½lb. 30 cts., lb. 50 cts., 5 lbs. \$2.25, 10 lbs. \$4.25.

**Slug-Shot.** The standard remedy for currant worms, rose slugs, cabbage worms and almost any soft-shelled insects that infest the vegetable or flower-garden. Lb. carton 20 cts., 5 lbs. 60 cts., 10 lbs. \$1.15.

**Blue Stone** (Copper Sulphate). **Crystals.** For making bordeaux mixture; best-known remedy for blight. Lb. 15 cts., 10 lbs. \$1.40, 100 lbs. \$10.

**Fungi-Bordo.** A convenient ever-ready dry Bordeaux Mixture of well-balanced formula, uniform in composition, having excellent suspension and adhesive qualities. Lb 50 cts., 5 lbs. \$2.25.

**Insecto.** A dry powdered combination insecticide and fungicide for fruit trees and garden spraying. This material is a combination of dry powdered form of Arsenate of Lead and Bordeaux Mixture material. Lb. 75 cts., 5 lbs. \$3.50.

**Sulfocide.** A summer spray for use against some fungous diseases of certain fruits, vegetables, and flowers. Qt. 75 cts.

**Para-Dichlorobenzene** (Hooker's Paracide). A successful remedy for controlling the peach borer. Use 1 ounce to a tree. Lb. 50 cts., 5 lbs. \$1.75, 10 lbs. \$3, 25 lbs. \$6.75, 50 lbs. \$13, 100 lbs. \$25.

**Kayso.** The Casein spreader. Makes spraying more economical; retards and prevents harmful chemical reaction. Lb. 25 cts., 10 lbs. \$2.30, 100 lbs. \$20.

**Grafting Wax.** ½lb. 25 cts., lb. 40 cts.

**Paris Green.** The strongest insect poison. ¼lb. 20 cts., ½lb. 35 cts., lb. 65 cts., 5 lbs. \$3.

**Melrosine Rose-Bug Destroyer.** A splendid insecticide against all pests.

The general contact insecticide that kills rose-bugs and other insects. Trial Size 50 cts. Pt. \$1, qt \$1.75, ½gal. \$3.25.

**San-O-Spray.** Superior household insecticide and deodorant. Delightful odor. Pt. 75 cts. Sprayer 50 cts.

**Sulphur, Powdered.** Lb. 5 cts., 100 lbs. \$2.75.

**Nico-Fume Liquid.** A highly refined solution of "Free Nicotine" for the control of aphids, thrips, etc., under glass. Used either as a spray or vaporizer in fumigating houses. 8 lbs. \$15.

**Bob White.** A sure-death fly-killer. Kills flies on cattle and horses. Gal. can \$1.50.

**Tobacco Dust.** For dusting only, excellent for lettuce and other plants, to destroy soft, creeping insects. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 100 lbs. \$3.75.

**Whale or Fish-Oil Soap.** An excellent summer spray when something stronger cannot be used. ½lb. 15 cts., lb. 25 cts., 10 lbs. \$2, 25 lbs. \$4.50.

**Weed and Ivy Killer.** Used for killing weeds, ivy, grass, etc., in paths, gutters, roadsides, tennis courts, or wherever vegetation is not wanted. ½gal. 75 cts.

**Rat-Nip.** Kills rats every time. Tubes 35 cts. each.





## Spray Pumps, Nozzles and Fixtures



Gould's Fruital Barrel Pump



Gould's Pomona Barrel Spray Pump

Send for Special Pump Catalogue. We can save you money. We have a complete line of supplies, and can fill your wants promptly.

### GOULD'S POMONA BARREL SPRAY PUMP.

Large size. Bronze parts, agitators and 15 feet of hose, complete, \$28.

### GOULD'S FRUITAL BARREL PUMP.

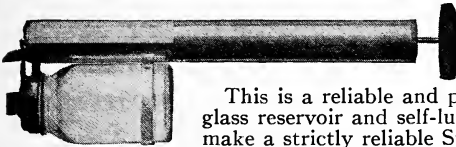
All bronze parts; complete, with 15 feet of hose, \$19.

## Spray Boom Attachments

For spraying potatoes, celery, etc. Can be attached to the rear of any wagon or cart having a barrel or power pump. Sprays 3 to 6 rows at a time, adjustable horizontally or perpendicularly with 1 or more nozzles to the row.

**Spray Boom A.** Adjustable, 4 rows. Made so that ends can be swung up, allowing passage through gates. Equipped with 4 nozzles, \$14.

## Red Head Glass Reservoir Hand Sprayer



Barrel 18 inches long, 2 inches in diameter

This is a reliable and popular Hand Sprayer, having a glass reservoir and self-lubricating plunger, qualities that make a strictly reliable Sprayer for the home-garden and poultry-yard. The things which count are the volume of air and the evenness of the pressure. Most sprayers lose their efficiency on account of the leakage of a dry plunger leather. 85 cts.; postpaid, \$1.

**HAND SPRAYER.** Tin reservoir, two sizes, 50c. and 65c. each. Postage extra.

No. 26-A. Continuous Hand Atomizer, Brass. \$1.25; postpaid \$1.40.

No. 26-C. Continuous Hand Atomizer, Tin. 85 cts.; postpaid \$1.

## The Auto Spray Compressed-Air Pump

Now used by all leading florists, gardeners, and fruit-growers, and almost indispensable in the poultry-house. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 pounds.

No. 1-B, Brass. Equipped with hose and Auto-Pop attachment, \$9.

No. 1-D, Galvanized Iron. Equipped with hose and Auto-Pop, \$6.50.

No. 42-D, Compressed Air Sprayer. Galvanized tank, capacity 12 gallons, with 20-inch wheel. Equipped complete with special whitewash nozzle, \$25.

No. 131. Lowell Powder Blowers. 75 cts. each.

**NON-KLOG JR. SPRAY NOZZLES.** Angle or straight, 75 cts.

**BAMBOO EXTENSION RODS.** With connections. 6 or 9-ft. \$3.50 each.

**BRASS EXTENSION RODS.** 2 feet long. 75 cts. A Complete Line of other Nozzles and Connections.

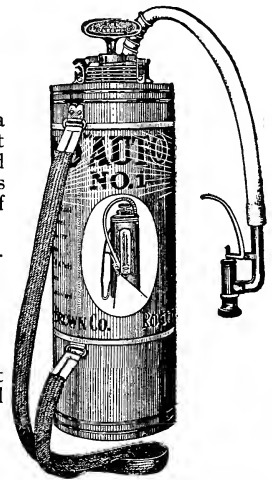
**CYCLONE BROADCAST SEEDER.** Simple in construction and easy of operation; has automatic regulator and cut-off, and performs its work perfectly. It is practical. Price, \$2.50; postage 10c. extra.

**ACME CORN PLANTER.** Works in any soil; has flexible and adjustable iron drop; does not wear the brush; has iron seed-box and iron channel; foot made of polished steel. Well made, durable, reliable; gives universal satisfaction. Prices, \$1.50 to \$2.50 each.

**ASPARAGUS or WEEDING KNIVES.** For cutting Asparagus or Weeds. Made of good tool steel, highly polished, with spring temper. 20 inches long—with 1 5/8-inch cutting face. Fitted with rubberoid handles. 75 cts. each (postpaid, 85 cts.).

**DIBBLES.** Iron Point, small, 50 cts.; Iron Point, large, 65 cts.; Brass Point, the most popular for truckers, 85 cts.; postpaid 10 cts. extra.

**JUTE STRING.** For tying up vegetable bunches, tomato plants, grapevines, etc. Lb. 40 cts., 5 lbs. \$1.75. Prices subject to change.

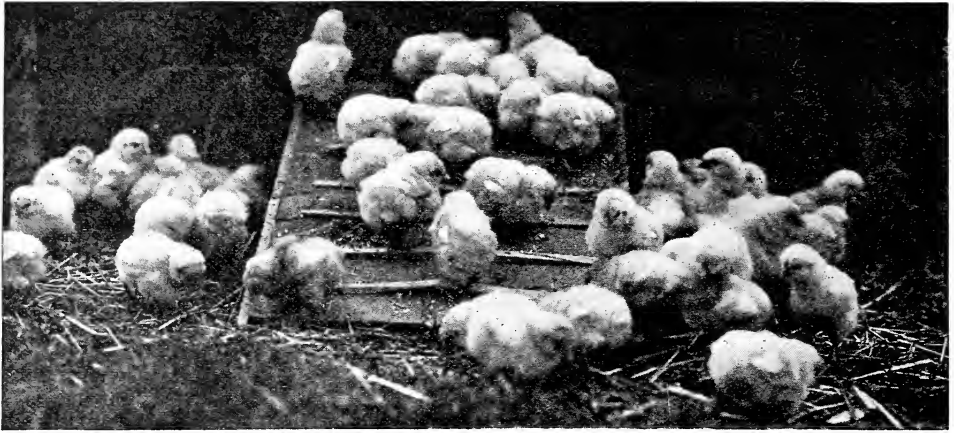


Auto Spray, showing Auto-Pop attachment



THE CYCLONE SEED SOWER

THE SOWER THAT SCATTERS EVENLY



This lively bunch of little chicks is thriving on Conkey's Starting Feed

**The Truth  
About Baby  
Chicks**

A reliable authority tells us that it costs an amateur or home breeder 25 cents or more for every live Chick hatched. Frequently these Chicks are low in vitality, coming from ordinary breeding stock, causing many losses and great disappointment.

How much better, quicker and cheaper to buy husky Chicks full of life and energy, hatched from "bred-to-lay," free range stock, all ready at one time to grow and develop profitable producers of eggs and meat.

Feed Baby Chicks for eight weeks on Conkey's Buttermilk Starting Feed with our Combined Regulator Grit. This will give you a wonderful start in securing that flock for next season's supply of eggs.

# BABY CHICKS

It's a lot easier to get your Chicks ready hatched than to bother with hatching—usually cheaper, too. Just the kind you want—just as many as you need—just when you need them. Take them out of a comfortable shipping-box and *watch them start to grow!*

We have Day-Old Chicks of the same sturdy utility stock that we had last season. We are not content to supply you Chicks only, but honestly aim to help you raise them successfully to maturity for eggs and meat by offering you the best of feeds and other supplies.

**Price List—March 1 to May 15, 1925**

For Later Chicks Ask for Special Prices

We guarantee 97 per cent of our Chicks to be alive on arrival. We pay delivery charges by Parcel Post to your office. Claims for losses must be signed by postal official at delivery office.

Send order with full remittance in bank check, postoffice money order, or draft. We cannot ship Chicks C. O. D.

Indicate when you want shipments made. We do not ship less than 25 Chicks of any one variety.

Place your chicks under a brooder with a temperature from 95 to 100 degrees. Remember for the first ten days heat to the baby chicks is as necessary as food.

Leghorns—Single Comb White, Brown,	25	50	100
Black, Buff, and Rose Comb Brown . . .	\$4 25	\$8 25	\$16 00
Barred Rocks, White Rocks, Buff Rocks, Single Comb Rhode Island Reds, Rose Comb Rhode Island Reds, Anconas, Single Comb Black Minorcas, and Buff Orpingtons . . . . .	4 75	9 25	18 00
White Wyandottes, White Orpingtons, Silver-laced Wyandottes, Single Comb Hamburgs, and Rhode Island Whites . .	5 25	10 25	20 00

## Poultry and Animal Foods

Our line of poultry foods includes everything necessary to the successful rearing of poultry—feed for the little chick, the growing fowl, and the laying hen.

We aim to handle only "the best" and to give our customers "value received for every dollar expended." Back of these feeds is our own reputation and that of the responsible concerns who manufacture or assemble them.

Prices subject to change. If to be sent by parcel post, add for postage 5 cents for the first pound and 1 cent for each additional pound, within the First and Second Zones.

**Conkey's Buttermilk Starting Feed.** This superior chick-mash was the *first* commercial poultry feed containing buttermilk—that is why we call it the only **original** buttermilk starting feed. Conkey's did not "just happen"—it is a scientifically balanced feed as clean and wholesome and as conscientiously prepared as "infant food." Selected, plump grains, ground to proper fineness, are combined with other ingredients so as to make the feed readily digestible, palatable and nutritious. **Taste it—smell it**—that's the way to judge a chick feed. Conkey's carries buttermilk in just the right proportion as an aid in prevention of bowel troubles, white diarrhea, "leg weakness," etc. The buttermilk is Semi-Solid buttermilk, blended with the other ingredients by the **original** process in such a way as to preserve the appetizing, tonic, and other properties of the newly-churned product. Lb. 10 cts., 2½ lbs. 20 cts., 5 lbs. 35 cts., 10 lbs. 65 cts., 25 lbs. \$1.50, 100 lbs. \$5.50.

**Conkey's Buttermilk Growing Mash.** This differs materially in analysis and ingredients from Conkey's Buttermilk Starting Feed, being balanced to continue the rapid growth begun by the Starting Feed. The Growing Mash is a richer feed, higher in protein and bone than the Starting Feed. It also contains a little more fiber. It also contains less corn, because corn is heating in summer and also fattening, whereas the developing bird requires muscle and bone-forming materials. 1 lb. 7 cts., 5 lbs. 30 cts., 10 lbs. 55 cts., 25 lbs. \$1.25, 50 lbs. \$2.10, 100 lbs. \$4.

**Buttermilk Laying Mash (Conkey's).** Contains dry buttermilk, a valuable feed for egg-production. No other Mash compares with Buttermilk—it is in a class by itself. Sold by us for years on its merits. Feed it dry and you will be more than pleased. Feed for eggs and get them. Lb. 5 cts., 10 lbs. 50 cts., 25 lbs. \$1.10, 50 lbs. \$2, 100 lbs. \$3.75.

**Chic-Grain (Chaapel's).** Contains no grit to make weight, and not too much corn. It is made from pure, wholesome, screened, and cracked grains only. It is the highest grade of Chick Grain ever made, and worth all it costs. Feed in combination with Conkey's Buttermilk Starting Feed and Chaapel's Regulator Grit. Lb. 8 cts., 2½ lbs. 20 cts., 10 lbs. 55 cts., 25 lbs. \$1.30, 50 lbs. \$2.50, 100 lbs. \$4.90.

**Chick Grain (Conkey's).** Pure grains only. Made from pinhead oatmeal, cracked white and yellow corn, cracked wheat, cracked peas, Kaffir corn, Milo maize, millet, etc. Lb. 7 cts., 2½ lbs. 15 cts., 5 lbs. 25 cts., 25 lbs. \$1.10, 50 lbs. \$2.10, 100 lbs. \$4.

**Growing Grain (Conkey's).** Composed of practically the same ingredients as Conkey's Chick Grain, but is made coarser to meet the requirements of growing chicks until ready for the regular scratching feed. Lb. 6 cts., 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. \$1, 100 lbs. \$3.50.

**Scratch Grain (Conkey's).** Made from pure grains only. Not a pound of waste to the ton. Balanced to produce eggs; properly sized and mixed. Lb. 5c. 5 lbs. 25 cts., 25 lbs. \$1, 100 lbs. \$3.25.

**Bone, Fine and Coarse Cracked.** Lb. 5 cts., 25 lbs. \$1.25.

**Bone Meal.** For mashes. Lb. 6 cts., 25 lbs. \$1.25.

**Bran.** Lb. 4c., 25 lbs. 60c., 50 lbs. \$1.10, 100 lbs. \$2.

**Pigeon Feed (Conkey's).** For pigeons. Lb. 8 cts., 10 lbs. 60 cts., 100 lbs. \$5.

**Charcoal, Granulated, Fine and Coarse.** Lb. 10 cts., 5 lbs. 35 cts., 25 lbs. \$1.25, 50 lbs. \$2.

**Cut Clover.** Excellent for mashes or as litter for little chicks. Lb. 6 cts., 5 lbs. 25 cts., 25 lbs. \$1, 50 lbs. \$2, 100 lbs. \$3.50.

**Chic-Chuck.** A specially prepared fish-scrap. Lb. 6 cts., 100 lbs. \$5.50.

**Meat Scrap.** Best quality. 45 to 55 per cent protein. Lb. 6 cts., 10 lbs. 60 cts., 100 lbs. \$5.

**Middlings.** Lb. 5 cts., 25 lbs. 75 cts., 50 lbs. \$1.50, 100 lbs. \$2.50.

**Oil-Meal (Old Process).** For mixing in mashes and feeding to aid molting. Lb. 5 cts., 100 lbs. \$3.25.

**Oil-Meal (Pure ground Flax Meal).** A special tonic feed for stock. Lb. 15 cts., 2 lbs. 25 cts.

**Oyster Shells.** Furnish lime to make egg-shells. 5 lbs. 10 cts., 100 lbs. \$1.25.

**Dairy and Table Salt.** Lb. 2 cts., 100 lbs. \$1.25.

**Salt Brick, Edgerton's Medicated,** for horses, cattle, and hogs. Keep your stock from getting sick. They lick it—they like it—the more they eat, the better. This is one of the best-known tonics for all kinds of stock. Contains dairy salt, saltpetre, sulphur, copperas, nux vomica, and a preparation of lime. 25 cts. each (by parcel post, 35c.), \$2.75 per doz. (by parcel post, \$3.20).

**Stone Grit.** Necessary teeth for poultry. 5 lbs. 10 cts., 100 lbs. \$1.25.

**Regulator Grit.** A combination Grit necessary for little chicks and laying fowls containing all the necessary ingredients for the proper grinding and mastication of food. 2 lbs. 10 cts., 5 lbs. 25 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3.

## Chaapel's Regulator—A Combination Grit Necessary for Little Chicks and Laying Fowls

Contains cracked bone for the building of bone and frame, charcoal for the sweetening of the crop and an aid to digestion. Egg Shell Grit is the proper size for the proper mastication of food, together with other ingredients necessary for the proper grinding of food, body-building material, teeth, and tonic. A most valuable product for the proper raising of little chicks. Keep it before them all the time in a grit hopper or scatter in the litter. 2 lbs. 10 cts., 5 lbs. 25 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3. Postage extra.



### Conkey's Poultry Remedies and Insecticides

Poultry cannot be profitable unless they are healthy. The importance of prevention by the use of a germicide, like Nox-i-cide, should not be underestimated. This line is complete. Postage extra, 5 cts.

Conkey's Poultry Book free

- Conkey's Roup Remedy . . . . . 30 cts. and 60 cts.
- Conkey's Cholera Remedy . . . . . 30 cts. and 60 cts.
- Conkey's White Diarrhea Remedy. 30 cts. and 60 cts.
- Conkey's Gape Remedy . . . . . 30 cts. and 60 cts.
- Conkey's Head Lice Ointment . . 10 cts. and 25 cts.
- Conkey's Poultry Conditioner . . 30 cts. and 60 cts.
- Conkey's Laying Tonic . . . . . 25 cts. and 60 cts.
- Conkey's Poultry Laxative . . . . . 30 cts.
- Conkey's Lice Powder . 3 sizes, 20c., 35c. and 75c.

- Conkey's Bronchitis Remedy . . . . . 60 cts.
- Conkey's Chicken Pox Remedy . 30 cts. and 60 cts.
- Conkey's Limber Neck Remedy . . . . . 60 cts.
- Conkey's Rheumatic Remedy . . . . . 60 cts.
- Conkey's Black Head Remedy . . . . . 60 cts.
- Conkey's Poultry Worm Remedy, 30 cts. and 60 cts.
- Conkey's Scaly Leg Remedy . . . . . 60 cts.
- Conkey's Stock Remedies . . . . . 30 cts. and 60 cts.
- Conkey's "Nox-i-cide" Pt. 50c., qt. 80c., 2 qts. \$1.30

# Pratts

## Poultry Regulator

## Poultry Remedies

Satisfaction guaranteed or money back.



Healthy birds and lots of eggs, the two big things in poultry raising, are made certain by giving

### Pratts Poultry Regulator

12-lb. pail, \$1.65; 25-lb. pail, \$3; packages, 25 cts. and 50 cts.

It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting them into condition for heavy egg laying or winning blue ribbons.

### Pratts Baby Chick Food

A scientifically prepared food that gives baby chicks the strongest kind of start. It's life insurance for baby chicks. 2½-lb. package, 25 cts.; 5¼-lb. package, 50 cts. If wanted by parcel post add 10 cts. for postage.



### Pratts Poultry Remedies

Carried in stock.



### Don Sung Makes Hens Lay

How to tell a hen from a rooster—feed them Don Sung and if they do not lay, they are roosters. Don Sung is Chinese for "egg-laying"; it puts pep into the flock; makes them healthy and vigorous; makes hens lay; gets the eggs in any weather. It is easily given in the feed and doesn't force or hurt the hen in any way. Don Sung is a real tonic. Try it—if it doesn't pay for itself and pay you a good profit besides, your money will be promptly refunded. Trial size (45 tablets), 50 cts. (postpaid, 55 cts.); large size (135 tablets), \$1 (postpaid, \$1.05). Special Size (about 800 tablets) \$5, (postpaid, \$5.08).

### Glover's Dog Medicines

- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| Mange Medicine. . . \$0 65 per bottle | Distemper Med. . . \$1 25 per bottle |
| Diarrhea Medicine. . 65 " "           | Fit Medicine. . . . . 65 " "         |
| Vermifuge. . . . . 65 " "             | Cough Mixture. . . . . 65 " "        |
| Worm Capsules. . . . 65 " "           | Eye Lotion. . . . . 65 " "           |
| Liver Pills. . . . . 65 " "           | Tonic. . . . . 65 " "                |
| Kennel Soap. . . . . 30 " "           | Condition Pills. . . . . 65 " "      |

Free Book on Diseases of the Dog and How To Feed, on request



### Spratt's Patent Dog and Puppy Biscuits



- Meat Fibrine Puppy Biscuits. Cartons 15c., 35c., and 70c.
  - Meat Fibrine Dog Cakes. Cartons 15 cts., 30 cts., and 70 cts.
  - Cod-Liver Oil Cakes. Cartons 15 cts. and 35 cts.; 5 lbs. 75 cts.
  - Ovals (The Pocket Dog Biscuit). Cartons 15 cts., 35 cts., and 70 cts.
  - Large Round Dog Cakes in Bulk. Lb. 13 cts., 2 lbs. 25 cts., 5 lbs. 60 cts., 100 lbs. \$11. Postage extra.
- Dog Book Free on Request

# INCUBATORS AND BROODERS

## Buckeye Incubators

This Incubator is absolutely guaranteed to hatch every hatchable egg. Anybody can hatch chickens with a "Buckeye." Approved by the National Board of Fire Underwriters. Buckeye Catalogue on request.

- No. 14. Style E, 65-egg size.....\$16 50
- No. 16. Style E, 110-egg size..... 27 50
- No. 1. Standard, 110-egg size..... 37 50
- No. 2. Standard, 175-egg size..... 44 50
- No. 3. Standard, 250-egg size..... 57 75

## The Buffalo Incubators

The Buffalo Incubators are hot-air machines, fully guaranteed, and we can recommend them to our customers without reservation.

- No. 0. Capacity 50 to 60 eggs.....\$20 00
- No. 1. Capacity 110 to 120 eggs..... 30 00
- No. 2. Capacity 220 to 240 eggs..... 40 00
- No. 3. Capacity 340 to 360 eggs..... 50 00

Ask for descriptive circular

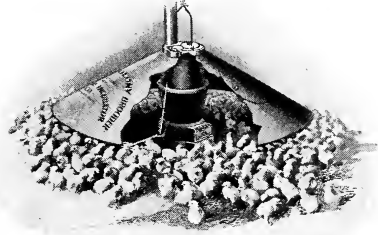
## Buckeye Coal-Burning "Colony" Brooders

GROW THREE CHICKS WHERE ONE GREW BEFORE

Save one-half the expense and nine-tenths the trouble

Mothers like an old hen. They are designed right, built right, easy to handle and burn coal in a powerful cast-iron heater, with a self-feed. They cannot get too hot—a thermostat regulates the drafts. It has a curtain that allows fresh air without drafts.

- Buckeye Standard No. 18. 500-chick size.....\$21 50
- Buckeye Standard No. 19. 1,000-chick size..... 26 50
- Buckeye Standard No. 25. 1,200-chick size..... 30 00



Buckeye Coal-Burning "Colony" Brooder

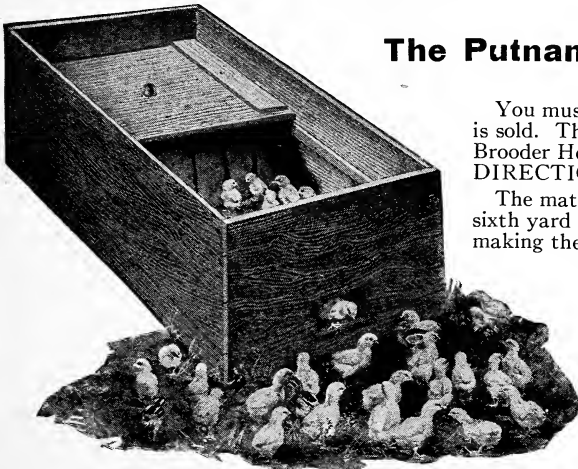
## Portable Brooders They Hover at the Curtain

That's why the chicks never crowd. The reflected radiation from the lamp, together with the direct radiation from the canopy overhead, produces those same ideal conditions that we find in the coal-burner. The chicks hover in circles—around the outside edges—and each individual chick selects the spot that is best suited to his comfort. Being warmest at the curtain there is no incentive for the chicks to seek the center, and consequently there is no inclination to "crowd" or "pile."

- Home Portable Brooder. 50-chick size.....\$5.50 (postpaid \$6)
- Buckeye No. 20. 19-inch diam., 60-chick size.....\$11 75
- Buckeye No. 21. 22-inch diam., 100-chick size.....15 50
- Buckeye No. 22. 30-inch diam., 150-chick size.....19 00



Buckeye Portable Brooder

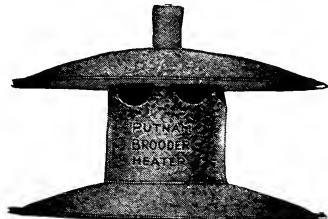


## The Putnam Home-Made Brooder

Is Not For Sale

You must make it yourself. The Brooder Heater ONLY is sold. The price of the Heater is \$4.75 postpaid. Every Brooder Heater is accompanied by EASILY FOLLOWED DIRECTIONS for building the Home-Made Brooder.

The materials used to make it are one shoe box and one-sixth yard of oil cloth, at an approximate cost of 21 cents, making the complete outfit \$4.96.

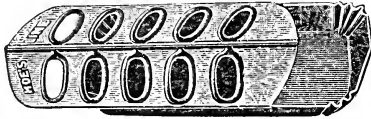


The Brooder Heater  
Price only \$4.75, postpaid

"BUILD ONE NOW AND HAVE IT READY FOR YOUR CHICKS WHEN THEY COME"

Place your chicks under a brooder with a temperature from 95 to 100 degrees. **REMEMBER** for the first ten days heat to the **BABY CHICKS** is as necessary as **FOOD**.

# Poultry Requisites Bring Success



## Eclipse Chick Feeder

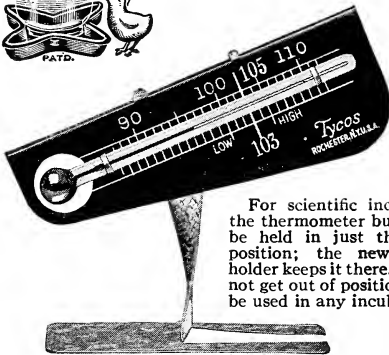
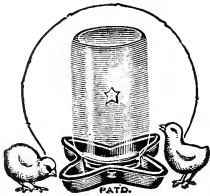
Most reliable; will not upset or waste food. Sliding top makes them easy to fill and keep clean. Will not rust. 10 openings. 25 cts. (postpaid 30 cts.); 20 openings. 50 cts. (postpaid 60 cts.).

## Round Chick Feeders

The top fits snugly; yet can be easily taken apart for cleaning and filling. 8 feeder holes 15 cts. (postpaid 20 cts.); 12 feeder holes 25 cts. (postpaid 30 cts.).

## Star Chick Fountains

Star shaped; will fit any Mason jar. We do not furnish jars. 10 cts. each, 3 for 25 cts. (postage extra, 5 cts.).



For scientific incubation the thermometer bulb must be held in just the right position; the new Tycos holder keeps it there. It can not get out of position. Can be used in any incubator.

## Tycos Incubator Thermometer

Can be used with or without the stand. 75 cts. (postpaid 80 cts.).

Tycos Certified Incubator Thermometer \$1 (postpaid \$1.05).

Tycos Incubator Hygrometer \$1.65 (postpaid \$1.75). Brooder Thermometers 60 cts. (postpaid 65 cts.).

## Sell Eggs By Mail

To your city friends. Ship in aluminized

### METAL EGG CRATES

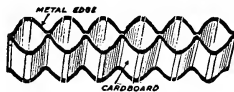
Indestructible; pays for itself in a few shipments; lasts for years; makes interchangeable shipping easy. Buy yours now and realize more money for your eggs. Your friends want them.

The Metal Edge Filler is a wonder. A new invention and cannot be beat for safety. Light in weight but strong.

carrying eggs by mail.

2-dozen size.....\$1 50 | 4-dozen size.....\$2 00  
3-dozen size.....1 75 | 6-dozen size.....2 50

Postage extra, 10 cts. each.



Write us about Butter-Egg crates. Circulars on request.

## Parcel-Post Egg Mailing-Boxes

Carton board. 12-egg size, 15 cts.; 15-egg size, 20 cts.; 30-egg size, 30 cts.; 72-egg size, 35 cts. Postage extra.

## The Peerless Dry Food Hopper

This device is new, a self-feeder with an unobstructed feed outlet; simple in construction, strong and serviceable. A great saver of feed, time and labor. It requires no attention except refilling when empty.

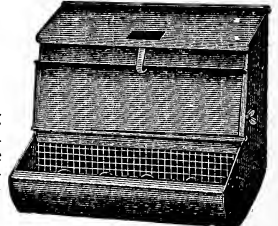
Suspend the Hopper from roof of pen, using cord and pulley, or hook, as shown in cut; always high enough from floor of pen to compel the birds to exert themselves to reach the food. By this method of use it occupies no floor or wall space, and is inaccessible to rats or mice.

Has cone in center which insures continuous movement of feed. 8-qt. size, \$1.75. 16-qt. size, \$2.25.



## Oaks Dry Mash Hopper

Does not clog, being wider at the bottom than at the top and having a wire screen that prevents clogging. It is made of heavy galvanized material and will last a lifetime. Chick 12-in. size, \$1.75; 18-in. size, \$2.25; 24-in. size, \$2.75.

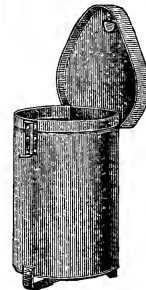


Oaks Dry Mash Hopper

## Drop Bottom Wall Fountains

The pan, which forms the trough, is hinged at the back and fastened by a catch in front. The flat back allows the fountain to be firmly placed against the wall and the drop bottom enables the fountain to be thoroughly cleaned and kept in a sanitary condition. 2-qt. size, \$1; 1-gal., \$1.25; 2-gal., \$1.65.

Wall Fountains. 1-gal., \$1.35; 2-gal., \$1.60. Postage extra. 10c. each.



## Automatic Fountain

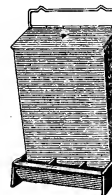
An absolutely sanitary fountain made to fit any half-gallon, quart or pint Mason Jar. The pan on this fountain is hinged to wire that supports the jar. We do not furnish jars. 15c. (postpaid 20 cts).



Automatic Chick Fountain

## Grit and Shell Box

Chick size, 75c.; poultry size, \$1.40.



Grit Box

## Poultry Punches

25 and 50 cts.

## Celluloid Spiral Leg Bands

Come in all colors, large and small sizes. Doz. 15 cts., 25 for 30 cts., 50 for 50 cts., 100 for 90 cts.

# BLATCHFORD'S CALF MEAL



Sold in 25, 50 and 100-lb. bags.

25 lbs. \$1.50, 50 lbs. \$2.90, 100 lbs. \$5.50. Prices subject to change

## The Complete Milk-Equal

Just the thing to raise or veal your calves right from birth.

Then sell your milk and get the benefit of the high creamery prices.

## Blatchford's Pig Meal

From Pig-hood to Pork-age it gives big bone and solid flesh. Prevents loss of growth and vitality during the critical weaning period, and always *makes the runts catch up.*

## KOW-KURE

If a cow is well—if her organs of production are doing their duty—she will yield well. Time was when the cow that became sluggish and seemed to be going backward was promptly sold to the butcher.

Thousands of cow owners have found that in most cases proper treatment will save them the difference between the price of a beef cow and a vigorous milch cow.

Most dairy cow ailments are simple if the source of the trouble is reached. If the organs of production or reproduction are not doing their duty, try Kow-Kure—the medicine for run-down cows. It has worked wonders in many herds, and is especially recommended for the prevention and cure of Abortion, Barrenness, Milk Fever, Scouring, Lost Appetite. Send for Booklet. Price, 65 cts. and \$1.25.



## CROCKS, JARS, AND FLOWER POTS

Stoneware Pottery is one of the most sanitary and economical ways to keep foods and liquids around the house and farm. Our line in crockery ware is complete. We carry in stock the Butter Jars up to 2-gallon size; the standard jars from 1 to 30-gallon sizes and the milk-pans up to 2-gallon size, and jugs from 1 to 5-gallon size.



# BEST GRADE BERRY BASKETS

Made of Sweet Gum

Standard quart and pint-size Baskets for strawberries and other small fruits. Best quality. "Arrow Brand" Berry Baskets are superior to other makes. They are packed securely in crates of 1,000. Prices on request.

## Apple and Potato Picking Baskets

Made of white oak, very durable, 1/2 and 1-bus. sizes.

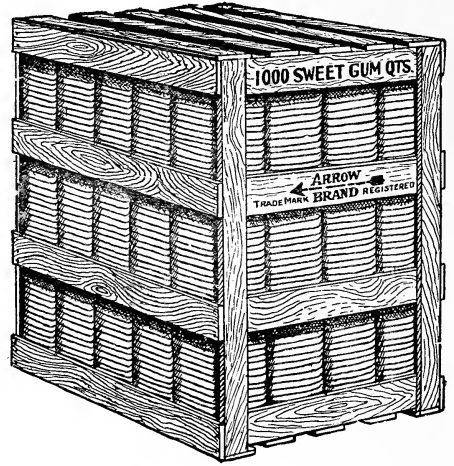
## THE CUMMER FOLDING CRATES

For potatoes, apples, etc. Strongly made, will stand hard usage. Folding up when not in use, can be stored in small space. 1-bus. size 75 cts. each.

## Peach and Tomato Baskets

Containers for marketing Peaches, Tomatoes, etc. Standard 16-quart size, made of the best materials. 10 cts. each, \$8 per 100.

PRICES SUBJECT TO CHANGE



Arrow Brand Berry Crate

## "Gripit" Peach Basket Carrier

A pressure of the hand attaches or detaches. Forms a bail and handle by which basket can be carried or hung to a tree. Grips tight. By its use two baskets can be carried easier than one in the old way. Baskets can be carried without dropping or injuring the contents. Will last a lifetime. Needed by every one who handles peach baskets for any purpose. A money-saver. 50 cts. each (by parcel post, postpaid, 60 cts.).



Peach Basket

## New White Oak Iron Hoop-Bound Casks or Kegs

FOR VINEGAR, CIDER, ETC.

Five and Ten-Gallon Kegs can be sent by Parcel Post

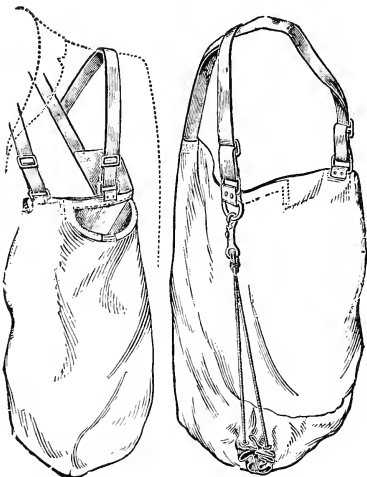
5-gal. kegs, \$2.50; (by parcel post prepaid, \$2.66).  
 10-gal. kegs, \$3.75; (by parcel post prepaid, \$4).  
 15-gal. kegs, \$4.50; by express or freight only.

PRICES ON ALL WOODEN WARE SUBJECT TO CHANGE WITHOUT NOTICE

## Ideal Fruit-Picking Bag

(UTTERBACK)

Made of heavy-weight duck and so arranged as to equalize the load on both shoulders. The openings are so arranged that both hands can be used in picking, and the draw-string is so placed that the fruit can be let out at the bottom in emptying the bag. The bag can be let down to the bottom of the box before opening the draw - string, thus not bruising the fruit. This is the best and handiest arrangement for picking fruit that has ever been offered. A trial will convince even the most skeptical. \$2.25 each (by parcel post, postpaid, \$2.40).

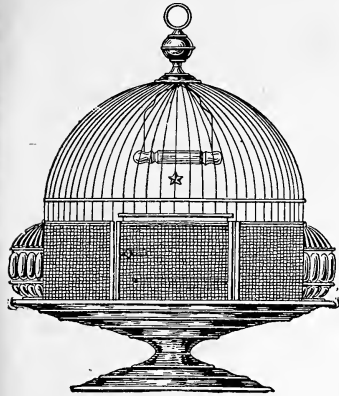


Fruit-Picking Bag

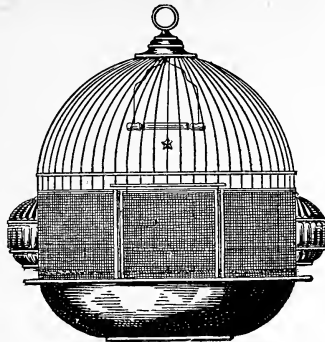


White Oak Keg

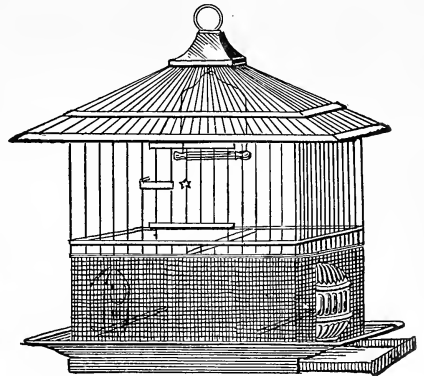




Brass Dome Cage, with Wire Guards. No. 2527



Brass Japanese Lantern Cage, with Wire Guards. No. 2537



Brass Japanese Cage, with Brass Guards and Zinc Drawer. No. 2584-M

## Bird Cages and Supplies

For the last two years we have been selling these cages at our store with excellent satisfaction, and, for the benefit of our out-of-town customers, offer here a few of the most desirable styles. Our patrons tell us that they are very beautiful, well made, and reasonable in price. The enameled cages are not to be compared with the common painted stock so often sold. For 50 cents extra we will pack them carefully and deliver them by parcel post direct to your door, together with 1 pound of our choice mixed Bird Seed (value 25 cts.).

All Bird Cages and Supplies are net cash with order.

### Brass Japanese Cage with Brass Guards and Zinc Drawer.

2584-M. 9 5/8 x 9 5/8 inches. See illustration. \$11 00

### Brass Dome Cage, with Wire Guards.

2525. 10 1/4 inches diameter.....\$3 83

2526. 11 inches diameter..... 4 60

2527. 11 3/4 inches diameter. See illustration.. 5 37

### Enameled Ivory-white Dome Cage, Gold Trimmed Brass Guards.

2225. 10 1/4 inches diameter.....\$4 43

2226. 11 inches diameter..... 4 85

2227. 11 3/4 inches diameter..... 5 30

### Brass Japanese Lantern Cage, with Wire Guards.

2535. 10 1/4 inches diameter.....\$4 43

2536. 11 inches diameter..... 4 85

2537. 11 3/4 inches diameter. See illustration.. 5 30

### Brass Cages, with Brass Guards, without Drawer Bottom.

2572. 10 1/8 x 7 1/8 inches.....\$5 55

2573. 10 3/4 x 7 3/4 inches..... 6 25

2574. 11 3/8 x 8 3/4 inches..... 7 00

2575. 12 x 9 inches..... 7 85

### CAGE STANDS

No. 27. Floor Stand. Polished brass, iron base with brass shell. Height 5 feet. \$6.40.

No. 3. Floor Stand. Polished brass. Height 5 feet, 5 inches. \$6.75.



## Singing Canary Birds

Can you think of anything that would give your family or friends more real enjoyment? Every bird is carefully selected for song and satisfaction guaranteed.

*Birds can be shipped by express only*

**Hartz Mountain Canaries (Male), \$7 each**  
**St. Andreasberger Rollers (Male), \$8 each**

## Bird Supplies

Ant Eggs. Genuine Premier. 10 cts.

Bird Seed. Choice Mixed Seeds. Lb. 25 cts., 5 lbs. \$1.

Bird Seed. Pure Sicily Canary. Lb. 25 cts., 5 lbs. \$1.

Bird Manna. For canary birds. 15 cts. each.

Bird Bitters. A health tonic for birds. 25 cts.

Bird Eye-Water. Bottle, 25 cts.

Bird Gravel. Red or Silver. Two sizes, 10 and 15 cts.

Bird Teeth. Makes birds sing. 15 cts.

Bird Baths. Opal, 2 sizes, 15 and 20 cts.

Bird Bath-House. No. 1, \$1; No. 2, \$1.25.

Bird Song-Restorer (Drahotas). Box, 25 cts.

Bird Nesting Hair. Box, 15 cts.

Brass Wire Guard Cloth. For cages, including fasteners. 35 cts. per ft.

Cage Springs. Brass, two sizes, 10 and 25 cts.

Cage Springs. Double Brass. 50 cts. each.

Cuttle Bone. For canaries. 5, 10, and 15 cts. each.

Fish Food. 10 cts.

Hemp Seed. For cage-birds. 1/2 lb. 10c., lb. 15 cts.

Insect Powder Gun. 10 cts. each.

Merician Salve. Box, 25 cts.

Mite Powder. For canaries. Box, 25 cts.

Moulting Pepper. For canaries. Box, 25 cts.

Nesting Food. For canaries. 25 cts.

Parrot Seed. For parrots' box. 15 cts.

Rape, Sweet German. For canaries. Lb. 15 cts.

Round Covered Cup. Opal. 25 cts. each.

Seed and Water Cups. Opal. Open or closed top. 15c.

Seed and Water Cups. Crystal. Open or closed top. 10 cts.

Sunflower Seed. For parrots. Lb. 20 cts., 5 lbs. 75c.

Swinging Hooks. Brass. 10-inch, 25 cts.; 12-inch, 35 cts.

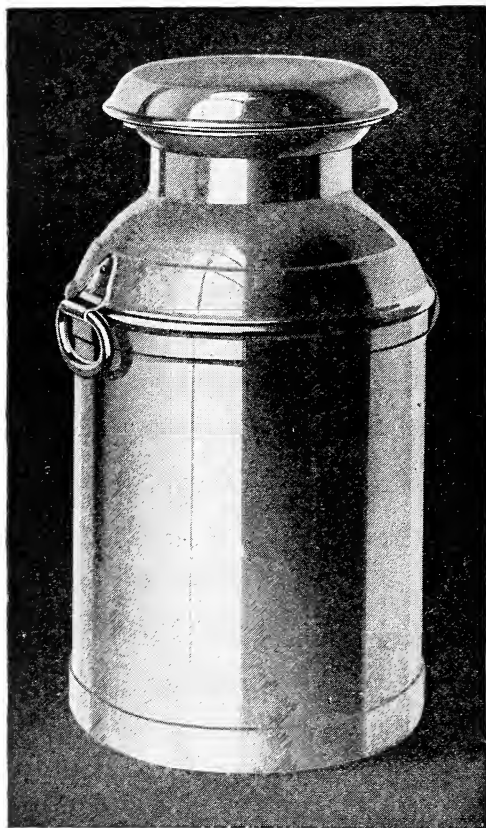
Wire Breeding-Nest. 4-in. diameter. 25c. each.

## DAIRY SUPPLIES

The dairy business provides a steady and unailing source of income and is becoming more popular. As the population in the cities increases, the demand for dairy products becomes greater. Few, indeed, are the farmers in the East who have not felt this urge, and dairy farmers are gradually supplanting the straight, grain-producing ones.

With the advent of the silos, supplying, as they do, great milk-producing material during the winter months, the milk-flow can be regulated the season round. Today, cows are the most valuable asset on the farm. A good dairy herd means prosperity to the owner and progress to the community.

It is our desire to cater to the farmer's wants, to be of service to him in supplying his needs, and, as rapidly as we can, to provide additional departments to meet the farmer's needs. We have grown, and expect to continue to grow, with our community. Realizing the need of a place where the dairy farmer can procure all the requisites necessary to the dairy business, we have met this need by adding dairy supplies, commercial mixed dairy feeds, and mill feeds such as bran, middlings, chop, gluten, hominy, and such concentrated feeds as cotton seed and oil meals. We are able to furnish all the things necessary to the dairy farmer, which we are listing in our annual seed catalogue, and we ask the interested farmer to look over our offerings.



**NEW YORK PATTERN MILK-CANS.** Standard heavy weight shipping Cans. Umbrella top; malleable steel drop handles. 20-qt. size \$4.50; 30-qt. size \$5.25; 40-qt. size \$5.75.

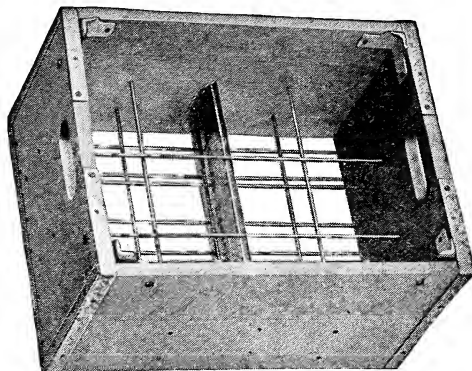
**CLEVELAND PATTERN MILK-CANS.** Same price, weight, and style as New York pattern, except that they have stationary upright malleable steel handles.

**OHIO PATTERN MILK-CANS.** Lighter weight than the above patterns with steel tube handles and umbrella tops. 20-qt. size \$4; 30-qt. size \$4.50; 40-qt. size \$5.



### Bottle-Caps

One lb. (500 caps).....35 cts. (postpaid 41 cts.)  
 In boxes, 5,000 caps .....\$2.75 (postpaid \$2.92)  
 In bulk, bbl., 50,000 caps, printed.....\$18 00



### Bottle-Cases

Standard wood cases, made of hard wood, with strong steel rod partitions and cast-iron piling lugs.

Quart-size. Standard. Holds 12 quart bottles <sup>Each</sup> \$1 75  
 Pint-size. Standard. Holds 20 pint bottles... 1 75  
 1/2-pint size. Built up. Holds 20 1/2-pint bottles 2 25

## Milk Bottles

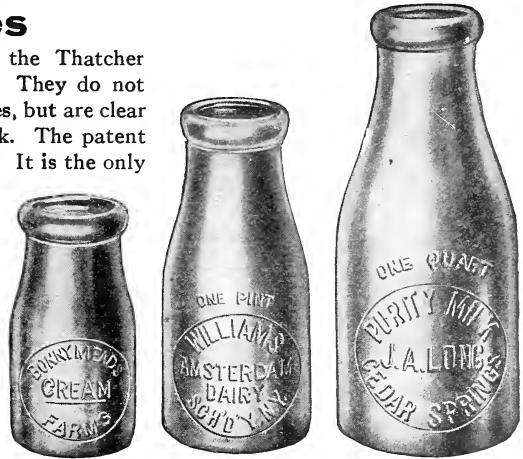
The Lockport Milk Bottles, manufactured by the Thatcher Manufacturing Co., are made of the best material. They do not have that bluish cast which is found in inferior bottles, but are clear white, showing to advantage the quality of the milk. The patent seat in the Lockport bottles is a great improvement. It is the only bottle made that will not chip off when machines are used in cleaning. Prices subject to change.

Quarts, \$9.75 per gross, 1/2gross \$5  
Pints, \$7.75 per gross, 1/2gross \$4

Packed in cases of 1/2gross. F. O. B. Williamsport, Pa.

10 gross lots, 25 cts. less per gross.  
25 gross lots, 50 cts. less per gross.  
Name Plates on milk bottles, \$2.50 for each size.

We are jobbers of Thatcher Milk Bottles. Orders shipped from factory average about \$1 less per gross than above prices. We cannot ship less than 1/2gross of each size.



## Bottle-Brushes



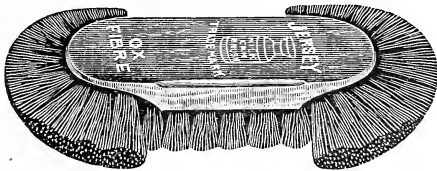
Made of selected hair and spiral wound.

All Bottle and Milk-Can Brushes sent by Parcel Post, 10 cts. extra.

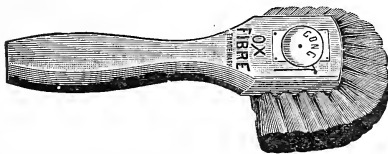
Hand Bottle-Brushes. 10-in. handle, flat top, 75 cts. each; pointed top, 65 cts. each.

Machine Bottle-Brushes. Short handle; flat top, 75 cts. each; pointed top, 65 cts. each.

## Milk-Can Brushes



Jersey. Ox-fiber. 65 cts. each.

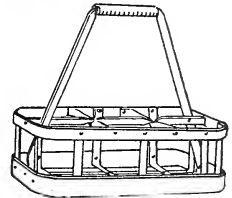


Gong. Ox-fiber. 60 cts. each.

## Wyandotte Cleaner and Cleanser

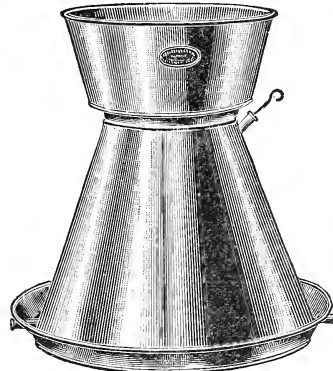
A cleanser especially prepared for dairy purposes. It contains no grease, lye, caustic, acid, or preservatives. It makes no suds. It is pure and purifying. Wyandotte is used and recommended by every State Dairy School and Agricultural College in this country and Canada. Its use is universally endorsed by Dairy and Pure Food Inspectors, as well as Boards of Health. 5 lbs. 45c., keg (80 lbs.) \$5.29, barrel (280 lbs.) \$15. A 5-lb. bag for trial, 55 cts. postpaid.

## Perfection Bottle-Carriers



Made of plain annealed steel bands.

Will carry quarts, pints, and half-pints.  
6-bottle size. Pint or quart. \$1.75 each.  
8-bottle size. Pint or quart. \$2 each.



## Champion Milk Coolers

For aerating and cooling milk. Each

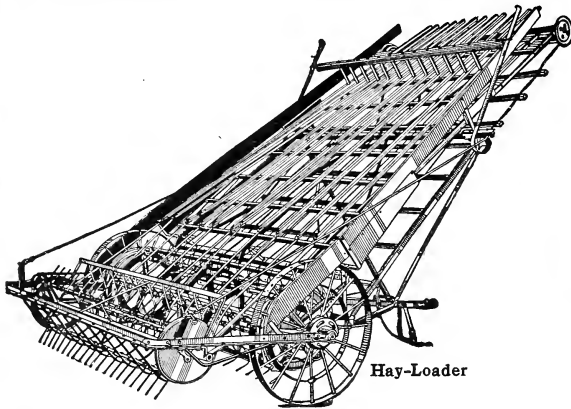
No. 2.	10 to 25-cow size.....	\$10 00
No. 3.	25 to 50-cow size.....	12 00
No. 4.	50 to 100-cow size.....	15 00



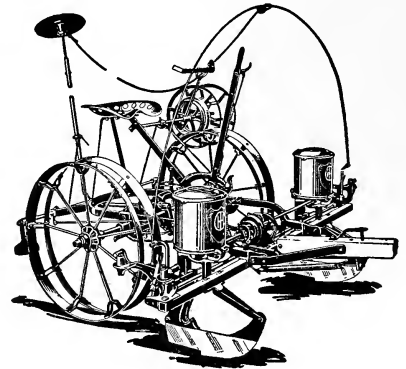
STERILIZER  
DISINFECTANT  
DEODORANT  
PURIFIER

B-K has over ten times the power of undiluted carbolic acid for killing germs of disease and the bacteria which cause decomposition and odors in milk containers and utensils. Odors are caused by bacteria. B-K removes the odor by destroying the cause. It leaves no odor of itself.

10-oz. We cannot ship by Parcel Post..... \$0 60  
Quart. We cannot ship by Parcel Post..... 1 25  
Gallon. We cannot ship by Parcel Post..... 3 00



Hay-Loader

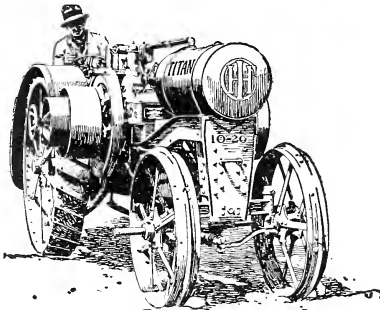


Corn-Planter

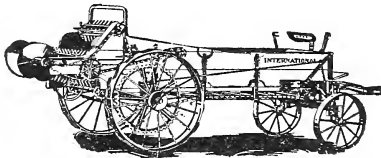
# FARM MACHINES



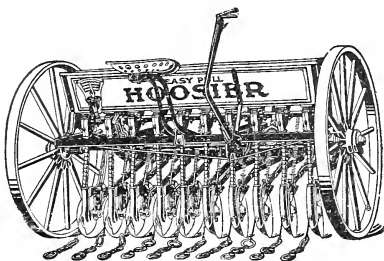
Mower



Tractor



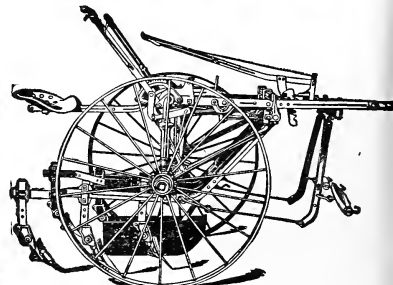
Manure-Spreader



Hoosier Drill



Feed Mill



Cultivator

### Planting and Seeding Machines

- Hoosier Grain-Drills
- Superior Grain-Drills
- Pennsylvania Low Down
- International Corn-Planters
- Buckeye Corn-Planters
- Alfalfa and Grass Drills
- Lime-Sowers

### Haying Machines

- McCormick Mowers
- Deering Mowers
- McCormick Reapers
- International Dump and Side Delivery Rakes
- International Combination Side Rakes and Tedders
- International Tedders
- Keystone Hay-Loaders
- Baling-Presses
- Sweep-Rakes

### Tillage Implements

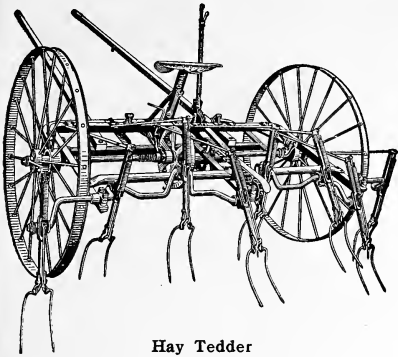
- International Riding, Walking and 1-Horse Cultivators
- Buckeye Riding, Walking and 1-Horse Cultivators
- Iron Age Cultivators
- Planet Jr. Cultivators
- Planet Jr. 12-Tooth Harrows
- Spring-Tooth Harrows
- Peg-Tooth Harrows
- Disk Harrows
- Culti-Packers
- Land-Rollers

### Binders and Threshers

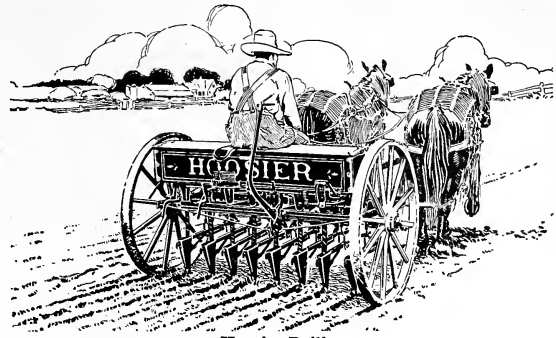
- McCormick Grain-Binders
- Deering Grain-Binders
- McCormick Reapers
- McCormick Corn-Binders
- Sterling Threshing-Machines
- Messinger Threshing-Machines

We Supply Everything

**SERVICE BY WM.**



Hay Tedder



Hoosier Drill

# AND REPAIRS

## Plows and Plow-Shares

Wiard Riding-Plows  
 Wiard Walking-Plows  
 LeRoy Riding-Plows  
 LeRoy Walking-Plows  
 Tractor Plows  
 P. & O. Plows

Repairs and Shares for Wiard,  
 LeRoy, Oliver, South Bend,  
 Cambridge, Syracuse, John  
 Deere, P. & O. and Other  
 Makes of Plows

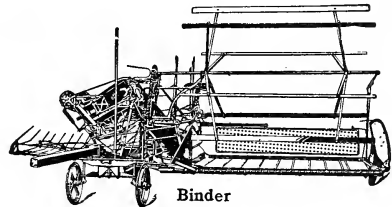
## Dairy and Barn Equipment

Star Water-Cups  
 Star Litter-Carriers  
 Star Stalls and Stanchions  
 Primrose Cream Separators  
 Sharples Cream Separators  
 Milking-Machines  
 International Ensilage-Cutters  
 Dick Ensilage-Cutters  
 Papec Ensilage-Cutters  
 International Feed-Grinders  
 Messinger Choppers  
 Barn-Ventilators

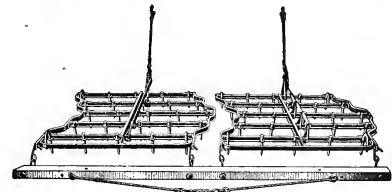
## Other Farm Equipment

Weber Farm Wagons  
 Monarch Farm Trucks  
 Jager Concrete Mixers  
 International Gas Engines  
 International Tractors  
 Orr and Sembower Boilers  
 Orr and Sembower Steam En-  
 gines  
 Hamburg Storage Tanks  
 Goulds Well Pumps

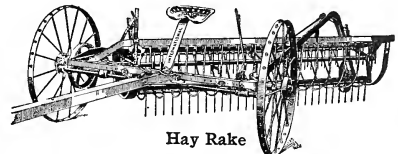
Pump-Jacks  
 Manure-Spreaders  
 Plymouth Binder Twine  
 Standard Binder Twine  
 Binder Canvases  
 Two-in-One Power Washer  
 Beeman Garden Tractors  
 Corn-Shellers  
 Corn-Shredders  
 Vegetable-Washer and Polisher



Binder



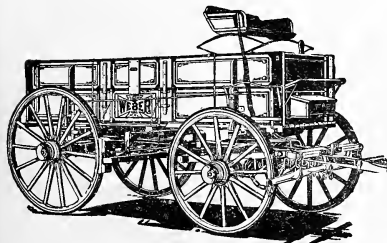
Harrow



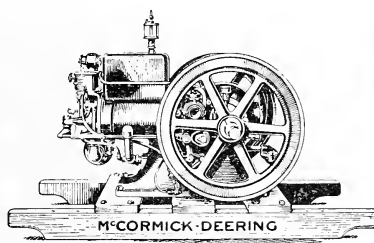
Hay Rake

## in Farm Implements

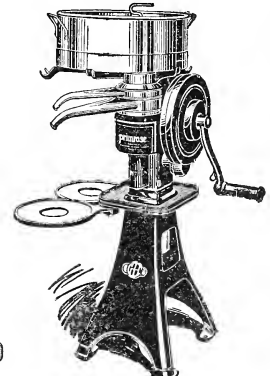
# E. (BILL) STROBLE



Weber Wagon



Engine



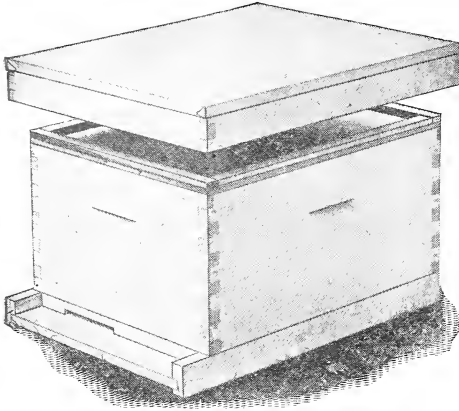
Cream Separator



# BEE-KEEPERS' SUPPLIES



You will find on this page just a few items to remind you that we carry a complete line of the A. I. Root goods, which we consider the best in the market in point of workmanship and material used. The best is always the cheapest; our goods are sure to please. Prompt and careful attention given to all orders, whether large or small, and mistakes promptly corrected. If you have not already received our complete illustrated Catalogue of Bee-keepers' Supplies send at once for it.



One-Story Standard Hive with Metal Cover

## One-Story Standard Hive, with Metal Cover

This Hive is the one most universally used by the largest honey-producers on account of its light weight and the ease with which it may be moved from one location to another. It is furnished either in the eight or ten-frame size. We recommend the ten-frame size in preference to the eight-frame size for either comb or extracted honey production.

Hives in the flat are furnished with nails, tin rabbets, reversible bottomboard, metal cover, with inner cover, Hoffman frames, and complete directions for nailing. If supers are desired they should be selected and ordered extra.

1-story Standard Hive as described above, with	8-FRAME				10-FRAME			
	Catalogue No.	Weight	Price	Quantity	Catalogue No.	Weight	Price	Quantity
No foundation.....	E212001	26	\$4 90	1 NP	E222001	29	\$5 20	1 NP
No foundation.....	E212002	34	3 40	1 KD	E222002	37	3 70	1 KD
No foundation.....	E212003	128	16 10	5 KD	E222003	145	17 50	5 KD
Inch starters, complete.....	E212004	26	5 25	1 NP	E222004	29	5 50	1 NP
Full sheets, complete.....	E212005	27	6 35	1 NP	E222005	31	7 00	1 NP

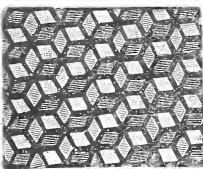
## 4 1/4 x 4 1/4 x 1 1/8 Beeway Section Super

This Section Super, 4 3/4 inches deep, is the one most commonly used. Furnished nailed with or without sections, and with or without inch foundation starters or full sheets. This Super may be used on any of our single or double-walled hives, tiered up one or more high. The ten-frame Super contains seven section-holders of four sections each, while the eight-frame contains six section-holders of four sections each.

Price-List of Beeway Section Super 4 1/4 x 4 1/4 x 1 1/8 Sections, 4 3/4 Inches Deep

Furnished as follows:	8-FRAME				10-FRAME			
	Catalogue No.	Weight	Price	Quantity	Catalogue No.	Weight	Price	Quantity
Without sections or foundation.....	D251401	6	\$1 45	1 NP	D252401	7	\$1 55	1 NP
Without sections or foundation.....	D251402	6	1 00	1 KD	D252402	7	1 10	1 KD
Without sections or foundation.....	D251403	30	4 45	5 KD	D252403	35	4 95	5 KD
With sections, 1-in. starters, complete.....	D251404	7	2 10	1 NP	D252404	9	2 25	1 NP
With sections, full sheets, complete.....	D251405	8	2 50	1 NP	D252405	10	2 70	1 NP

KD means knocked down, or in flat. NP means nailed and painted.

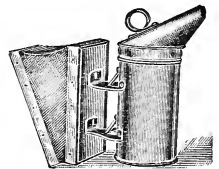


## Airco Comb Foundation

Brood foundation is cut in sheets 7 7/8 x 16 3/4 inches. Super foundation sheets are 3 7/8 x 15 3/4 inches. Packed in one-pound paper boxes. E521001, Light-Brood Foundation, 1-lb. box, 77 cts. E535001, Thin Super Foundation, 1-lb. box, 83 cts. Three-Ply Foundation. The world's best Foundation; Three-Ply is for brood and extracting frames and Single-Ply is for comb and chunk honey. 1-lb. box, 80 cts.

## Smokers

The latest improved model has anti-spark tube, which provides a safe force draft, a long-life, flexible hinge, and wire handle that is always cool. Furnished in three sizes. E462501, Junior Tin Smoker, with 2 1/2-inch fire-box, each 90c. E462301, Standard Tin Smoker, with 3 3/4-inch fire-box, each \$1.15. E462101, Jumbo Tin Smoker, with 4-inch fire-box, each \$1.40.



## Alexander Bee-Veil

This is one of the most popular Veils made. Being made of screen wire, it is more durable as it will not catch or tear on any obstruction. It is worn without a hat and for this reason it is very cool in summer. The top and bottom are made of muslin. E205570, Alexander Bee-Veil, 90 cts.



## Grow Your Own Vegetables

Cut down your living expenses. You'll be astonished how easy it is to save time, labor, and money, and get bigger and better crops when you use

### Planet Jr. Garden Tools

ASK FOR CATALOGUE



Planet Jr. Seeder and Wheel Hoe a work in a suburban garden

## Planet Jr. Farm and Garden Tools

Planet Jr. Tools are the most carefully designed and constructed, built of the finest materials, and are the most economical because they outlast others and do better work. Planet Jr. Catalogue, 72 pages. Nearly 200 illustrations. Free. Send postal.



### No. 4 Planet Jr. Hill and Drill Seeder and Single-Wheel Hoe

Price, complete, \$19  
As a Seeder Only, \$15

Holds 2½ Quarts of Seed

Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily all through the season.

### Planet Jr. No. 25 Combined Hill and Drill Seeder and Wheel Hoe

Price, \$22.50

Holds 2½ Quarts of Seed

A splendid combination for the family garden, onion-grower, or large gardener. Is a perfect Seeder, and combined Double and Single-Wheel Hoe. Unbreakable steel frame. Capacity, 2 acres a day.

### Planet Jr. 12-Tooth Harrow and Cultivator No. 91

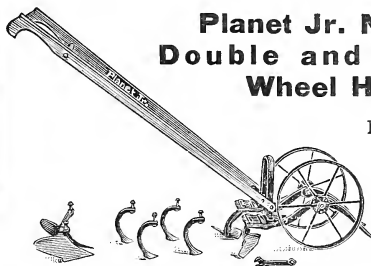
Complete, with Steel Wheel, \$15

An invaluable tool in truck and strawberry patches and the market-garden. Leaves ground in finest condition without throwing dirt on plants. Has new steel wheel.



### Planet Jr. No. 12 Double and Single-Wheel Hoe

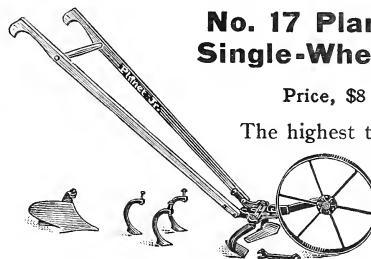
Price, \$11.50



A Single and Double-Wheel Hoe in one. Straddles crops till 20 inches high, then works between. The Plows open furrows and cover them. The Cultivator Teeth work deep or shallow. The Hoes are wonderful weed-killers. New 14-in. steel wheels, steel frames, arch, etc. Greatly improved.

### No. 17 Planet Jr. Single-Wheel Hoe

Price, \$8

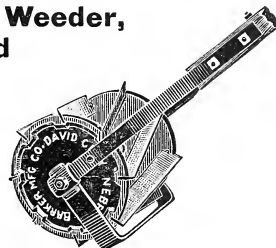


The highest type of Single-Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way. Indestructible steel frame. New 15-in. steel wheel. Call and let us show you the new models; they will please you.

### The Barker Weeder, Mulcher and Cultivator

THREE MACHINES IN ONE

- No. 6D, \$9.25
- No. 8½D, \$10.60
- No. 10D, \$11.75



The only garden implement that kills the weeds and makes a perfect soil mulch at one and the same operation.



## Chaapel's American Lawn Grass Seed

**Recleaned and Tested Seed, weighing over 20 pounds to the bushel**

Our Mixture can be absolutely relied upon as being made up of the finest qualities of Grass Seed obtainable, free from weed seeds, and of the very best and highest germinating qualities. Mixed especially of Grasses that do best in our soils.

We have sold this Mixture of Lawn Grasses for many years, and positively know that it is surpassed by none; it will stand wear and tear, forming a close, firm, green and lasting turf, retaining its velvety appearance to the last. One quart will sow a space 10 by 20 feet—200 square feet. Ask for our leaflet, "A Few Suggestions on Lawn Making." Qt. 30 cts., 2 qts. 55 cts., 4 qts. \$1, pk. \$1.75, bus. (20 lbs.) \$6.

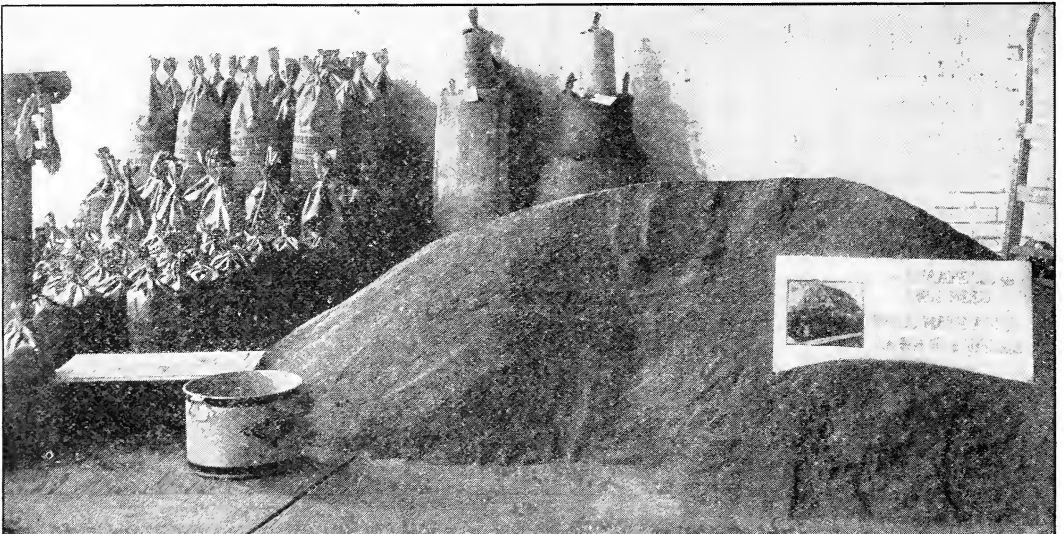
## Chaapel's Clover Lawn Grass Seed

The increasing demand for a Lawn Seed containing a larger proportion of White Clover induced us to offer this Mixture, containing a most liberal quantity of best recleaned White Clover—it is especially suited for shaded locations and will thrive better under trying conditions than any other mixture. Sow one quart to 200 square feet (10 x 20 ft.). Pt. 20 cts., qt. 40 cts., 2 qts. 70 cts., 4 qts. \$1.30, pk. \$2.50, bus. (30 lbs.) \$10, 100-lb. lots or over, 30 cts. per lb.

**FANCY WHITE CLOVER.** Fine for new or old lawns; easy to grow. Adding  $\frac{1}{4}$  pound to 1 quart of our Lawn Grass Seed will make a very desirable mixture.  $\frac{1}{4}$  lb. 20 cts., lb. 75 cts.

Shaded locations are usually sour, mossy, and impoverished. Lime will sweeten the soil; sheep manure, bone meal, and nitrate of soda will make the Grass grow luxuriantly even in shady places.

*FEE YOUR LAWN—FERTILIZERS MAKE THE GRASS GROW*



Not many people who use our Lawn Seeds know that we do our own mixing from our own formulas, using only selected varieties of Grasses of superior quality. It was while doing this mixing that we wished our customers could see this great pile of Seeds, so our Mr. Bacher "took its picture." We require several piles like this to supply our customers each season.



# Suggestions About Ordering

**Importance of Ordering Early.** Before the rush season begins we can give you better service, for our stocks will then be complete. Being sold out of some varieties entails correspondence and delays, so on receipt of this catalogue make out your order and mail it to us immediately.

**MAKING OUT ORDERS.** Be sure to use the order sheet and follow the directions given.

**SHALL WE SUBSTITUTE?** We do not substitute unless instructed to do so, except in the case of small quantities where we know the purchaser would prefer to have some other equally good or better kind, rather than none at all.

**PRICE OF BAGS.** Seamless 2-bushel bags, used in shipping farm seeds, etc., 50 cts. each; 1-bus. bags, 20 cts.;  $\frac{1}{2}$ -bus. bags, 15 cts.; 1-pk. bags, 10 cts.

**PRICES.** The prices quoted in this catalogue are net, and not subject to discount. All prices quoted in this catalogue are subject to change without notice.

**Seeds by Parcel Post.** We earnestly advise that all light shipments go by parcel post whenever possible. We will pay postage on all small seeds in packets, and in bulk up to  $\frac{1}{4}$  pound, anywhere in the United States. We can send seeds in any quantity up to 70 pounds. *Within the first and second zones from Williamsport, add to your remittance for postage as follows: 1-pound orders, 5 cents; for each additional pound, 1 cent; on Peas, Beans, and Corn, 10 cents for the first quart and 2 cents for each additional quart.* For rates to other zones, inquire of your postmaster. *The necessary postage must be sent with the order.*

**Terms.** Our prices are based upon cash sales. To avoid delay in filling your order, please send remittance with the order, including postage for Parcel Post, and cost of bags when necessary. Any overpay will be returned to you promptly.

**HOW TO SEND MONEY.** Money is most conveniently and safely sent in the form of a post office money order, express money order, or check. We always accept personal checks as a convenience to our customers, if they have money in the bank. Small amounts may be sent in postage stamps; it is not safe to send silver.

**YOU RUN NO RISK** in sending cash with order. Our financial responsibility can be learned from any bank, trust company, or merchant who subscribes to either of the Commercial Agency Reports.

## TESTED SEEDS

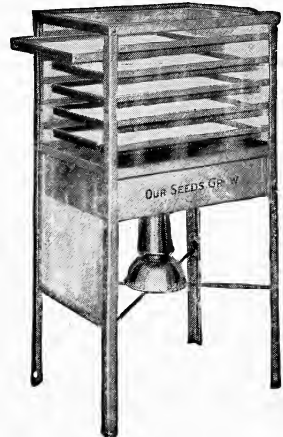
It is only by painstaking methods that we can be sure of seed of good germination. To protect our customers against seed of poor quality, we test our seeds as soon as they arrive from our growers in the Sho-Gro Seed Germinator illustrated at the right. Seeds of good germination cannot be determined by their looks but must pass through a germinating test requiring careful, expert attention to assure accuracy.

## "GUARANTEED SEEDS"

Upon being asked if he would guarantee his seeds to grow, an eminent seedsman said, "Yes, if I may select the soil, plant them myself, and govern the weather."

Seeds **MUST** be right, but it is just as necessary that the soil be suitable and well prepared, that the planting be done properly and at the right time, and that the weather be not too unfavorable.

**BY TEST WE KNOW THAT THESE SEEDS ARE OF GOOD VITALITY** To you is given to select and prepare the soil and to give the proper care. Providence alone governs the weather.



The above is a picture of our Sho-Gro Seed Germinator. Call at our Seed Store and see it in operation.

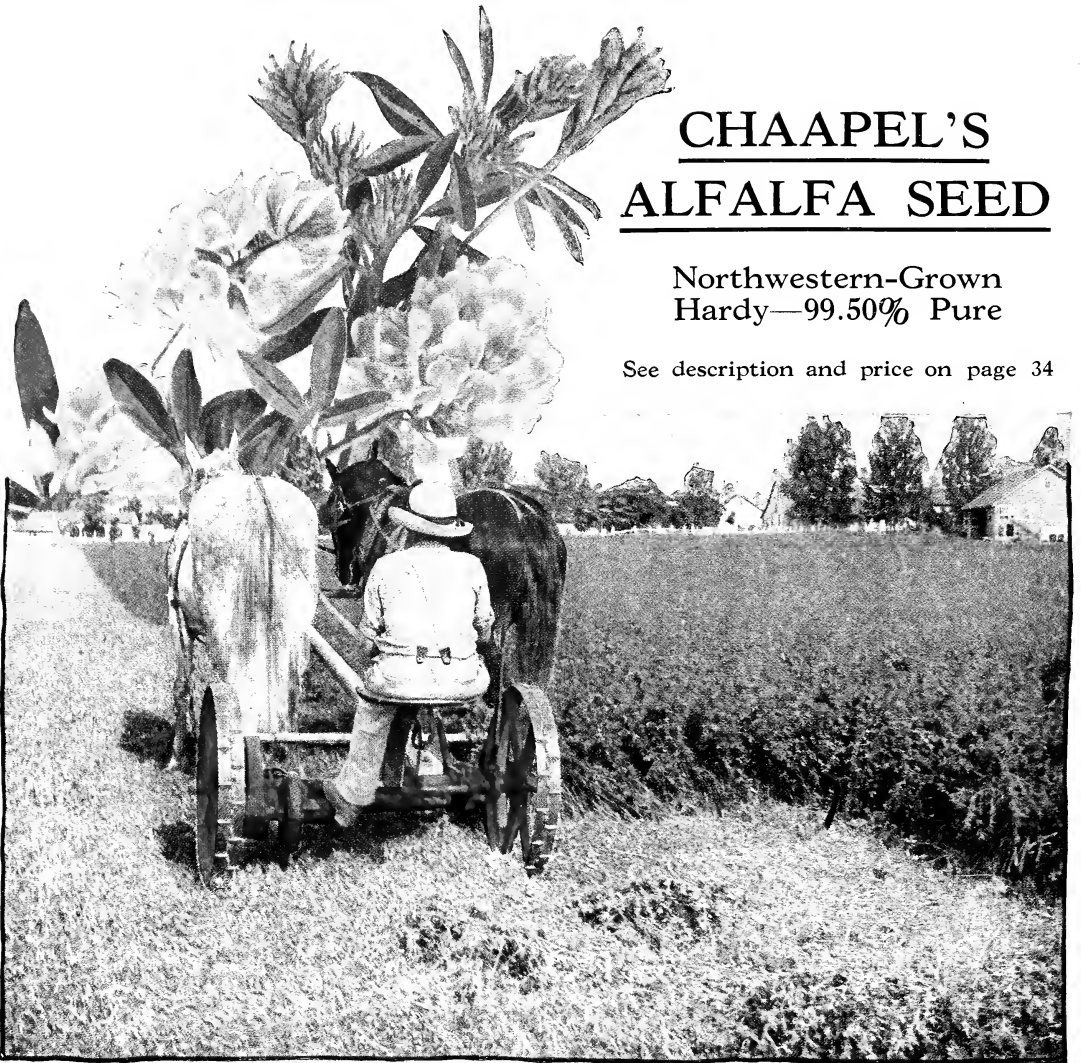
**WE GUARANTEE OUR SEEDS** to be of the very best quality and of strong vitality, but cannot guarantee results or crops. If customers do not accept goods on these conditions, the goods can be returned to us within ten days.

CHAAPEL'S SEED STORE

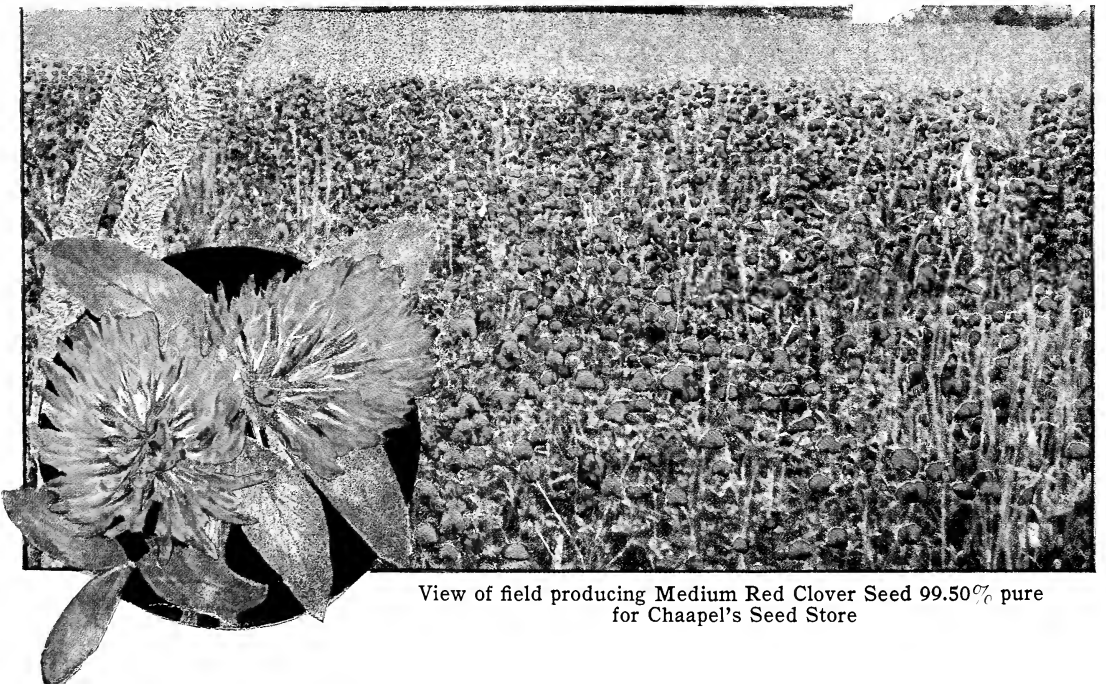
# CHAAPEL'S ALFALFA SEED

Northwestern-Grown  
Hardy—99.50% Pure

See description and price on page 34



Chaapel's seeds are domestic-grown, of the highest quality, purity and germination



View of field producing Medium Red Clover Seed 99.50% pure  
for Chaapel's Seed Store