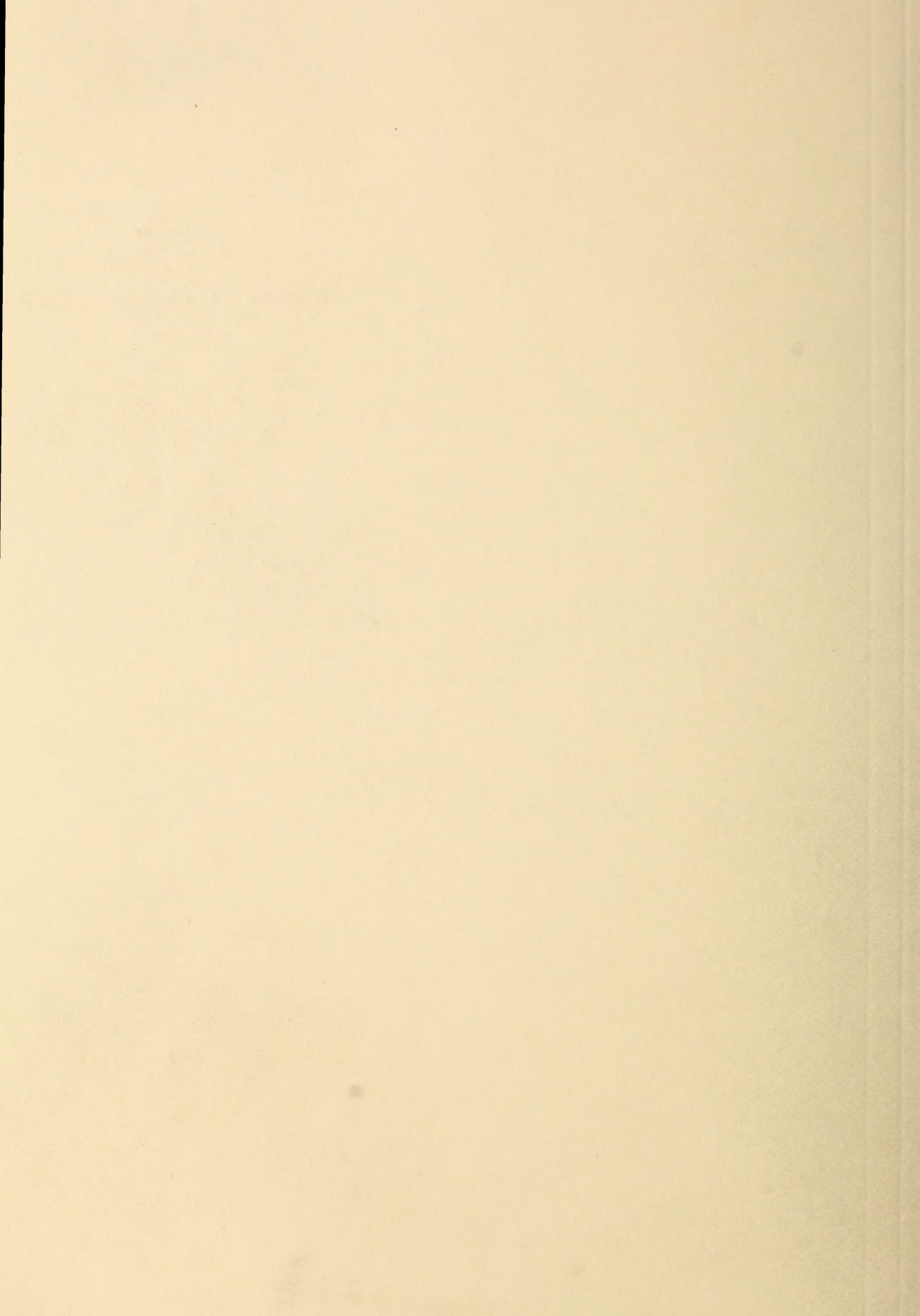


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Platt's

Catalogue of
FARM, GARDEN
and FLOWER

Seeds

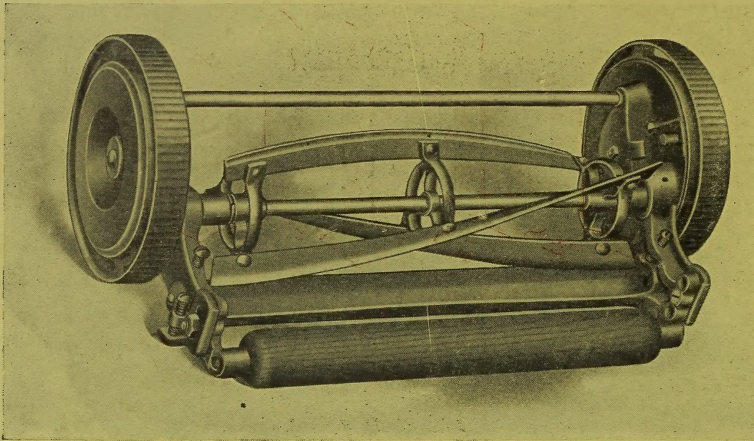


LONG ISLAND BEAUTY

THE FRANK S. PLATT CO.
NEW HAVEN, CONN.

BALL BEARING MONEYBACK LAWN MOWERS PARALLEL BEARING
SHEAR CUT AND SELF ADJUSTING

These mowers are high in grade, and moderate in price. Simplicity, manufacturing facilities and a low cost of distribution are the reasons. Satisfaction or money back. Delivered free to any freight station in Connecticut on receipt of price.



STYLE B LAWN MOWER.

Style A.

Seven-inch Traction Wheels.
 Three Revolving Knives.
 Parallel Bearings.
 14-inch cut\$2.75 each
 16-inch cut 3.00 each

Style B.

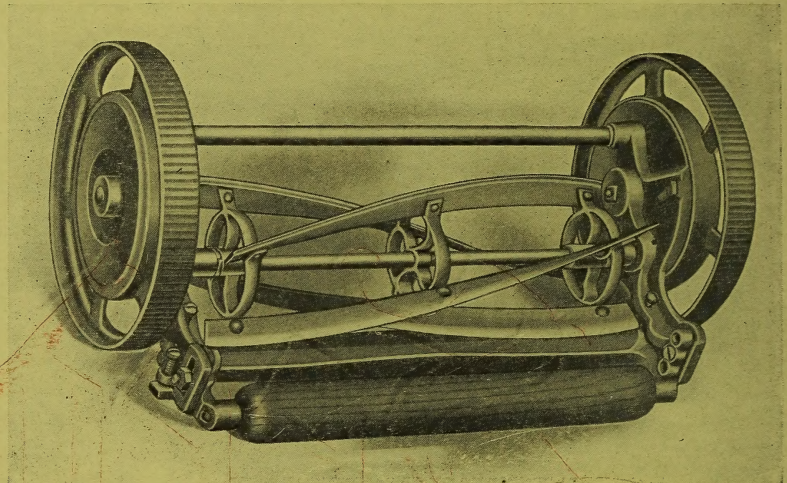
Eight-inch Traction Wheels.
 Three Revolving Knives.
 Parallel Bearings.
 14-inch cut\$3.00 each
 16-inch cut 3.25 each
 18-inch cut 3.50 each

Style D.

Nine-inch Traction Wheels.
 Four Revolving Knives.
 Ball Bearings.
 14-inch cut\$4.50 each
 16-inch cut 4.75 each
 18-inch cut 5.25 each
 20-inch cut 5.75 each

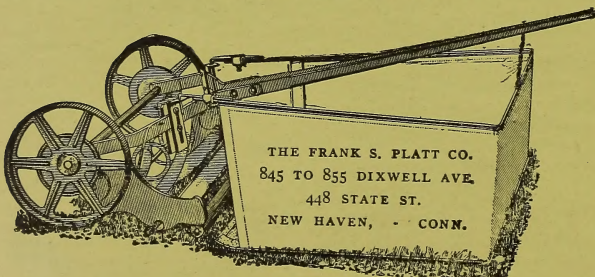
Style E.

Ten-inch Traction Wheels.
 Four Revolving Knives.
 Ball Bearings.
 16-inch cut\$5.75 each
 18-inch cut 6.00 each
 20-inch cut 6.50 each



STYLE E LAWN MOWER.

GRASS CATCHER **Keystone Lawn Rollers**
 For Lawn Mowers.



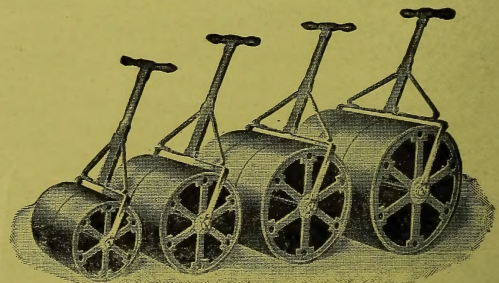
THE FRANK S. PLATT CO.
 845 TO 855 DIXWELL AVE.
 448 STATE ST.
 NEW HAVEN, - CONN.

Consists of a galvanized iron bottom, with sides and back made of very strong canvas. Frame of galvanized iron anti-rust wire.

The superiority of this make over any other consists of a universal attachment, applicable to any style lawn mower, and is guaranteed to make a perfect fit, can be removed to empty or put away in an instant.
 Sizes 16, 18 or 20 inches \$1.25 each

Steel bearing, beveled edges, strong handle and well finished in every particular. Complete catalogue on application.

No.	Lbs. Weight	Width	Price
303	225	16 in.	\$11.20
304	250	20 in.	12.40
307	300	24 in.	14.80
309	400	20 in.	19.60
310	450	24 in.	22.20
313	500	24 in.	24.40



The Frank S. Platt Co.

GENERAL CATALOGUE

=====**1 9 1 3**=====



We Carry a Full Line of . . .

Farm, Garden and Flower

=====**S E E D S**=====

AGRICULTURAL IMPLEMENTS, FERTILIZERS
SPRAYING MATERIALS AND PUMPS

We Make a Specialty of Grass Seed Mixtures, Including

Edgewood Park Lawn

Fine Lawn

Evergreen Lawn

Shady Lawn

ALSO FOR HAY AND PASTURE

OUR STOCK.

Our stock is complete and comprises all the standard varieties of seeds. For obvious reasons some are not listed. We have endeavored to eliminate synonyms and duplications—which are so often confusing to many when considering a multiplicity of useless entries.

SPECIAL NOTICE TO MARKET GARDENERS.

We sell to Market Gardeners, Truckers and Farmers' Clubs at special wholesale rates, and solicit your inquiries for close prices on round lots.

POULTRY SUPPLY DEPARTMENT.

We represent several of the MOST PROMINENT MANUFACTURERS OF MECHANICAL DEVICES—INCUBATORS, BROODERS, ETC., and many of the STANDARD LINES OF MIXED FEED, as well as CLEAR GRAINS OF ALL KINDS.

Our Incubators, Brooders, Coops, Foods, Feeders, Remedies, etc., are too numerous in sizes, prices and specifications to mention here. At all times we have fresh supplies coming in, and intend to carry in stock, a large assortment of all the popular varieties of foods, insecticides and package shelf-goods. We are glad to give free advice at all times to any who contemplate keeping poultry, or pet stock, or those desiring information. Orders from out of town received by mail or telephone promptly executed.

TERMS. Cash with order or satisfactory reference. We will ship by express, C. O. D., plus return charge. Cannot ship C. O. D. by freight.

WRITE ADDRESS PLAINLY. Write your Name, Post-Office and State plainly and in full on every letter. When Express or Freight Office is different from Post-Office, advise us of the same.

SEEDS, ETC., BY WEIGHT OR MEASURE. Less than quarter-pound and one-quarter bushel will be charged at slight advance above pound and bushel rates.

POST SERVICE. We will send, postpaid, all Garden and Flower Seeds sold in packets, by the ounce, and up to one pound.

MARKET FLUCTUATIONS. Prices are subject to variation without notice, on extreme changes in market values.

ABOUT WARRANTING SEEDS. We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

THE FRANK S. PLATT COMPANY,
 845-855 Dixwell Avenue,
 448 State Street.

W. H. Tracy & Co.
New and Valuable Varieties

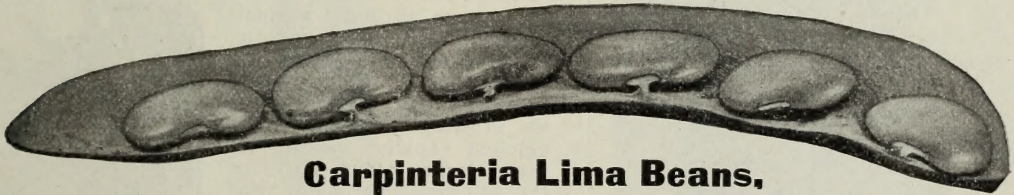
Worthy of Special Consideration

Fordhook Bush Lima.

In our trial grounds last summer this variety distinguished itself by the great proportion of pods that set, in comparison with the amount of vine and foliage. The fruitage was well towards the center of the plant; an abundance of well-filled pods. The shelled beans are so much larger and thicker than all other varieties of its class that the aggregate yield is much greater. Price per pkt., 10c.; per qt., 50c.; per bu., \$10.00.

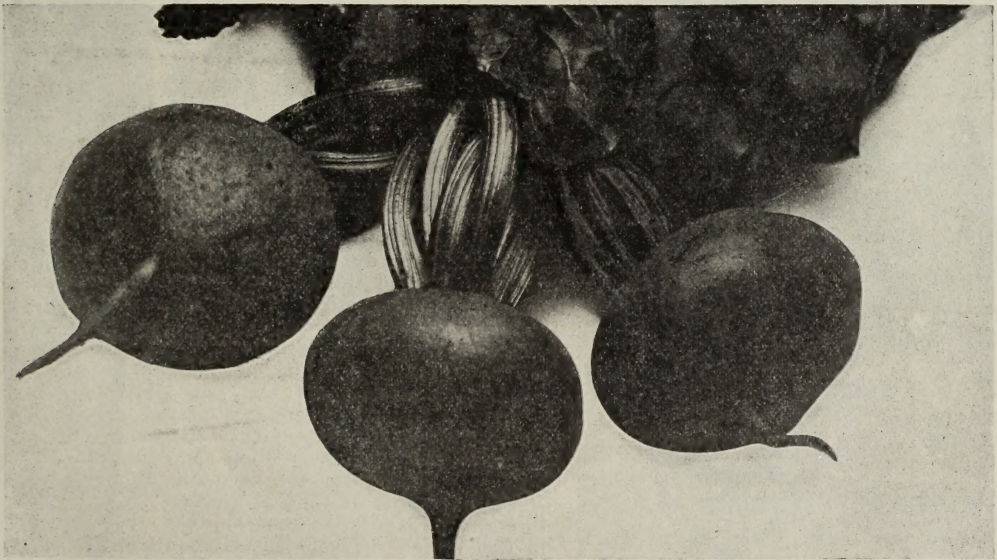
Burpee's Improved Bush Lima.

We have tried this out with other well-known varieties for two years, and pronounce it the acme of perfection in both plant and product. The former vigorous and upright, branching well and carrying the pods out somewhat from the center, admitting full development, which is evidenced by specimens bearing five or six beans. It is the finest type of the true large bush lima. Price per pkt., 10c.; per qt., 50c.; per bu., \$10.00.



Carpinteria Lima Beans.

The new large lima, of light green shade. It is a large podded, many seeded, heavy cropping strain of the Large White or flat pod class. The pods are unusually long and seed slightly tinged with green, of long oval form and distinct as to character. Quality, all that can be desired. It closely resembles our King of the Garden, introduced by us in 1877, except in size of beans, which shelled are larger and about one-third longer. Price per pkt., 10c.; per qt., 40c.; per bu., \$7.00.

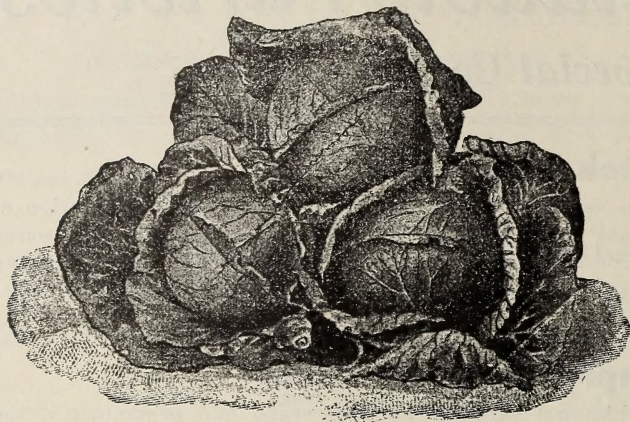


Early Wonder Beet.

A few laps ahead of all the other beets—extremely early, nearly round—dark red, fine texture and flavor. The market gardeners' favorite. Price per pkt., 5c.; oz., 10c.; ¼-lb., 40c.; lb., \$1.50.

Enkhuizen's Glory Cabbage.

New and a winner. Very early, large size, maturing with the Early Flat Dutch, making a fine, large, ball-shaped head, particularly attractive for market purposes. One of the best for market gardeners. Price per pkt., 5c.; per oz., 30c.; per lb., \$3.00.



ENKHUIZEN'S GLORY CABBAGE.

Copenhagen Market Cabbage.

Copenhagen Market (the wonder in cabbage land), ten days earlier than Enkhuizen Glory, and larger than the Winter Ball Head; very hard, solid and worm-proof. Short stem and maturing with the Charleston Wakefield. Per pkt., 5c.; oz., 50c.; ¼-lb., \$1.50; lb., \$5.00.

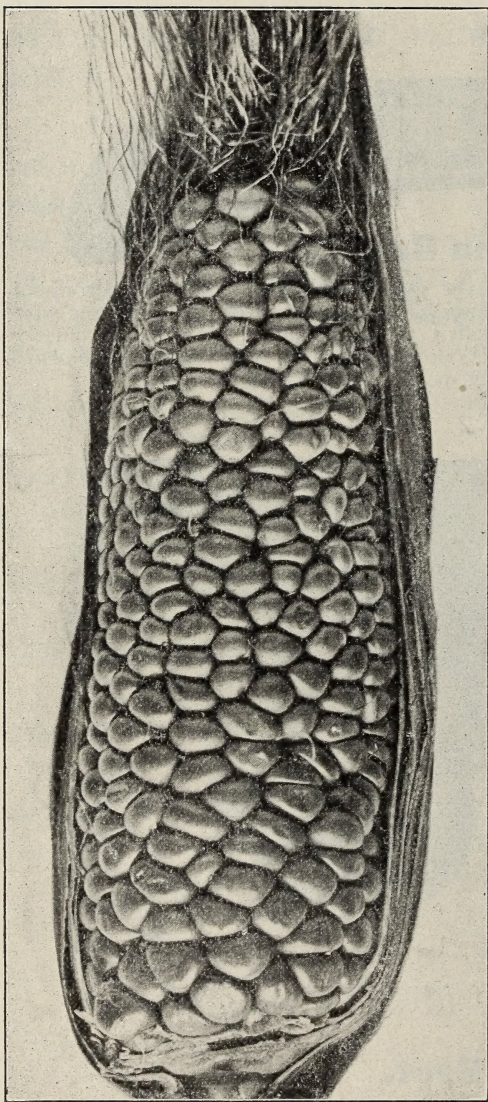
Chicago Self-Blanching Celery.

One of the Finest Varieties Ever Introduced.

This Celery first came to our notice through a small sample of the seed sent to us for trial by the owner of the original stock. It was carefully attended to throughout its growing period and developed rapidly, making an early, large, heavy stalk, of the self-blanching habit. Foliage variegated, with green and white, similar to White Plume, but differently mottled. Chicago celery is stronger than White Plume, heads being about six inches taller; very large, solid hearts. Quality very sweet, tender, free from string, toughness or bitter taste; superior to any other early self-blanching variety. Pkt., 5c.; oz., 30c.; ¼-lb., \$1.00; lb., \$3.00.



Chicago
Self-Blanching.



GOLDEN CREAM.

Morse's Golden Cream Sweet Corn.

The demand for a genuine novelty could hardly be more completely satisfied this year than by the introduction of our "Morse's Golden Cream Sweet Corn. Of California origin, resulting from a cross of Country Gentleman and Golden Bantam.

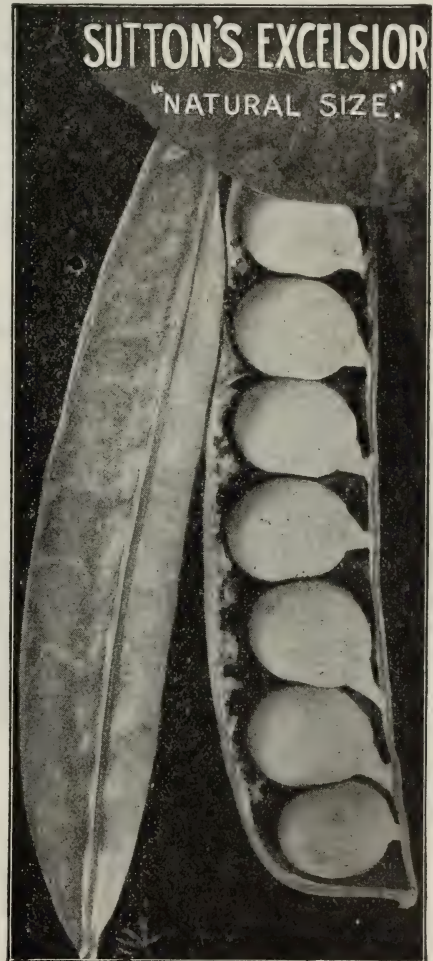
Morse's Golden Cream is a very early yellow Country Gentleman Sweet Corn. Kernels long and pointed; cob very slender; the whole ear about as long as Golden Bantam. Flavor is remarkable—in fact, much the same as Golden Bantam. Habit of growth rather dwarf and stalks bear two to four ears and are brownish red; silk is also brown at tips. Pkt., 10c.; qt., 30c.; by express or freight, ⅛-bu., \$1.25.

Mayflower Sweet Corn.

A prominent market gardener of wide experience informed us that his most profitable planting of sweet corn in 1912 was the Mayflower, describing it as the largest eared, best flavored and most abundant producer he ever raised. It is ten to twelve rowed, pearly white, of exquisite flavor and texture, retaining its edible qualities much longer than other early variety. Price per ear, 5c.; per pkt., 10c.; per qt., 35c.; per $\frac{1}{8}$ -bu., \$1.00; per bu., \$6.00.

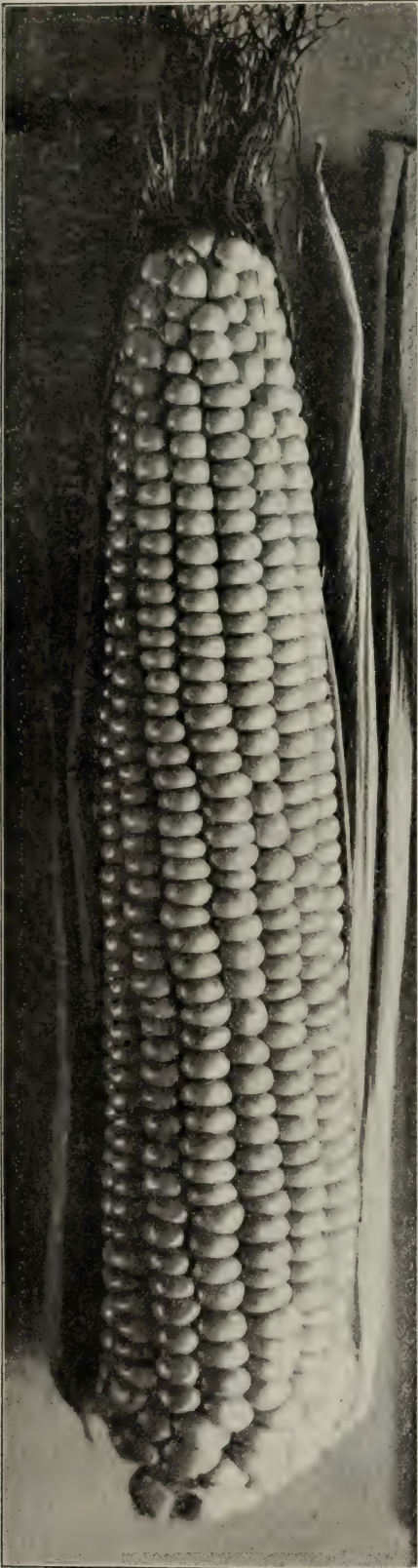
Little Marvel Pea.

Really needs no sponsor as its merits warrant first place. It is in the dwarf class with vine of fourteen to eighteen inches, large pod and full of equally large peas. It is surely a comer and will not disappoint the grower. Per qt., 45c.; per pk., \$2.75; per bu., \$10.00.



Sutton's Excelsior.

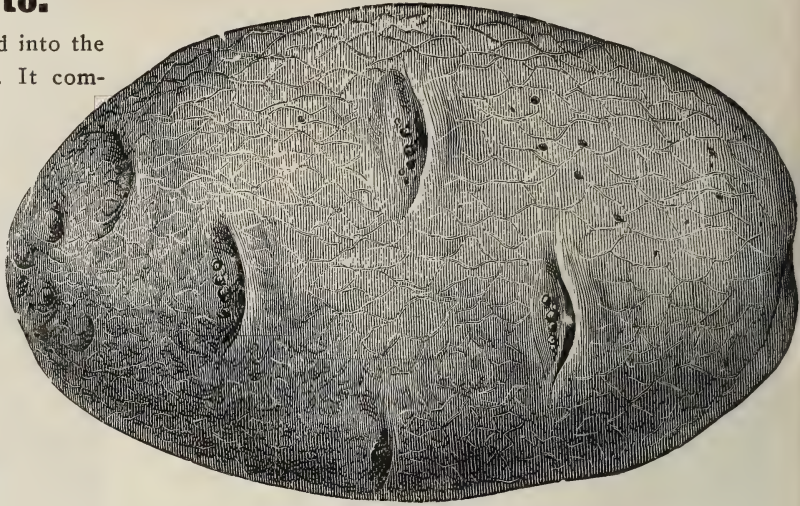
Bearing very large broad pods filled with large peas, tender and of most delicious flavor. Its great merit lies in the fact that in this we have an early dwarf wrinkled pea, with much larger and handsomer pods than any dwarf early pea yet introduced. Pod long, broad, straight, very pale green vines; twelve inches high. Price per pkt., 10c.; per qt., 40c.; per $\frac{1}{4}$ -bu., \$2.25; per bu., \$8.50.



MAYFLOWER SWEET CORN.

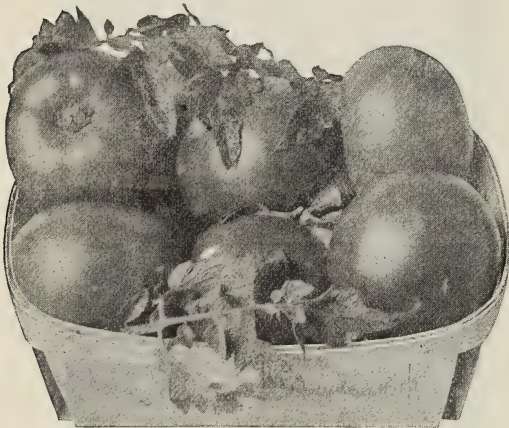
The Clyde Potato.

This potato brings new blood into the family, and is of great merit. It combines unprecedented strength and vigor with rank, luxuriant foliage and blight resisting qualities. It must soon supercede the older varieties, some of which have been so popular and commercially valuable for culinary uses or seed stock. It is equally equal, but superior at every point. Growers have become indifferent and ship any one of a dozen varieties, from Green Mountains down through the list of its hybridizations and mixtures.



THE CLYDE POTATO.

The Clyde is a perfect potato, and the best late white. It is large, but not coarse, a model in shape, uniformly smooth, and qualities not simply equal, but superior at every point. Stock limited. Price per $\frac{1}{4}$ -bu., 60c.; per bu., \$2.00.; per bbl., \$4.50.



BONNY BEST TOMATO.

Bonnie Best Tomato.

A bright scarlet, solid, medium sized fruit, approaching the globe in form, and always perfect. The skin is tough enough to withstand handling safely, and minimizes liability of rain damage, that all others are susceptible to. There is little, if any, loss sustained from cracking. It is just as valuable for forcing as field planting. A sure cropper and big yielder. Price per oz., 5c.; per $\frac{1}{4}$ -lb., \$1.00; per lb., \$3.50.

Vegetable Marrow.

Italian Cocozelle Longe.

This is the favorite Italian Marrow and generally allowed to run over brush supports or fences. It is quite ornamental, when trained over the pergola or arbor, furnishing both shade and edible fruits, cream color, two to three feet long and three to four inches in diameter. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 40c.; per lb., \$1.50.



VEGETABLE MARROW.

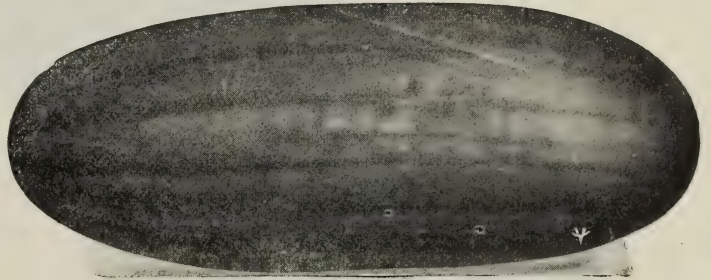
Connecticut Special Musk Melon.



This is a fine melon of the Osage type, medium size, dark green, slightly netted and richly flavored, with a spicy lusciousness peculiarly its own. flesh thick and firm, but when fully ripe dissolving and delectable. Price per pkt., 5c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 40c.; per lb., \$1.50.

Tom Watson Water-melon.

The Watson Water-melon is unquestionably a valuable acquisition, adding materially to the list of recent introductions in the class of long or oblong varieties, which have superceded the round or boulder shaped favorites of a decade ago. It is a hard, thin, dark-skinned, long melon with bright red, luscious flesh, sugary and fine grained in consistency and quite satisfying in melon qualifications and requisites. A fine shipper, but really everybody's choice, either for home or market. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.



TOM WATSON WATER-MELON.

PLATT'S SEEDS ARE "ALL RIGHT"

Thousands of Testimonials Say So

The Frank S. Platt Co.,
New Haven, Conn.

Durham Center, Conn.

Gentlemen:

Thanks for the seed catalogue just received. I shall order seeds of you.
I am glad to recommend your seeds, as they have proved all right.

Yours truly,

JUDSON E. FRANCIS.

Eleven of the Choicest Spencer Sweet Peas.



A TYPICAL SPRAY OF SPENCER SWEET PEAS.

These varieties deserve attention from every lover of flowers. We give them prominent space in the hope that many more will become familiar with and appreciate their beauty. While there are many other sorts, we have kept our list restricted to what we considered the most desirable.

Apple Blossom Spencer. Standard pink, wings and white shaded pink.

Asta Ohn. Pinkish lavender, good size and the best Spencer form.

Countess Spencer. Bright, clear pink; has large blossoms; possesses every characteristic desired in a sweet pea.

Enchantress Spencer. Self-colored light pink.

Flora Norton Spencer. Bright blue with tint of purple, and very waxy.

King Edward Spencer. Bright crimson scarlet, which is almost sun-proof.

Lovely Spencer. Standard light blush pink with blotch of rose on wings, all suffused with buff.

Mrs. Routzahn Spencer. Buff with delicate pink edges, giving a picotee-edge effect.

Primrose Spencer. Creamy yellow throughout, standard, and wings of extra large size and crinkled edges.

Ramona Spencer. Pure white, with blush stripes.

White Spencer. Pure white flowers of gigantic size; true Spencer form.

Price on any of the above varieties: Per pkt., 5c.; per oz., 30c.; per ¼-lb., \$1.00.

Pansy, Platt's Superlative Mixed.

This is the very richest mixture of giant varieties, containing the choicest sorts grown by foremost specialists, combined by us in such proportions

to secure the result of their skill with the widest desirable variation in one mixture. To those wishing such there is no better seed obtainable. Price per oz., \$7.00; per pkt., 25c.

Aster, Pink Enchantress.

New 1912 introduction, the seed being so limited many were unable to obtain this grand variety last year. It is regarded by authority to possess unrivaled qualities. The plant growth is of vigorous upright habit. The stem, long, strong and graceful. Blooms full double and very similar in form to the late branching, the outer petals standing out more so, thus increasing the diameter. Color is best described by its name, so popular in the Carnation, this delicate shade remaining practically fadeless during the life of the flower. Season nearly two weeks earlier than late branching. Price per pkt., 15c.; per ¼-oz., \$1.50.

GENERAL LIST

OF

Select Vegetable Seeds.

Artichoke.

Artichoke—Carciofo—Alcochofe.

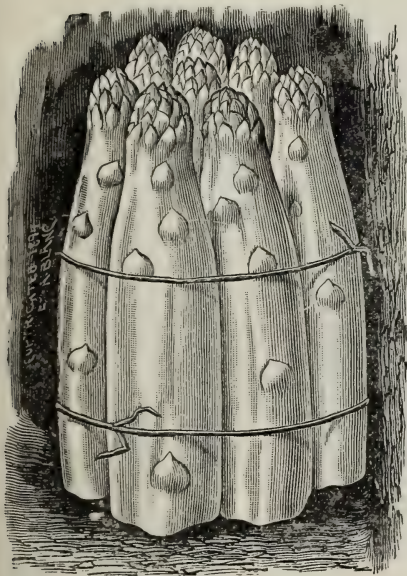
Tuberous-Rooted Artichoke. Jerusalem Artichoke. This is quite distinct from the Globe Artichoke, being grown exclusively for its tubers, perfectly hardy. Price per lb., 10c.; per 3 lbs., 25c.; per pk., \$1.00; per bu., \$3.50.

Large French Globe. The flower heads are the edible portions. Sow early and transplant the following spring in rows three feet apart, and two feet between the plants. It requires a deep, rich loam, and slight winter protection.

Perennial. Price per pkt., 5c.; per oz., 40c.



GLOBE ARTICHOKE.



ASPARAGUS.

oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

Conover's Colossal. Large, early, green and very prolific. Per pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 50c.

Columbian Mammoth White. A large white variety maturing early. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

Asparagus Roots.

	Per 100.	Per 1000.
Conover's Colossal, 1-year old, . . .	\$.50	\$3.50
Conover's Colossal, 2-years old, . . .	1.00	5.00
Palmetto, 2-years old,	1.00	5.00
Barr's Mammoth,	1.00	5.00
Columbian Mammoth White,	1.00	6.00

Asparagus.

Spargel—Esparrago—Asparago.

Sow early, in drills about one inch deep, and rows about a foot apart. In the fall or succeeding spring the plants may be set out in beds about two feet apart each way, leaving the crown of the root about four inches below the surface. Before winter cover the bed with a dressing of manure.

Purchasing roots instead of seed will save a year in time.

Giant Argenteuil. French origin; very early and large. Blanches readily. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 25c.; per lb., 80c.

Palmetto. Very early, large and pale green. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 20c.; per lb., 65c.

Barr's Mammoth. Very large, tender stalks, light color and very early. Price per pkt., 5c.; per



ASPARAGUS ROOTS.

Bush Beans.

Bohnen—Frijoles—Faggioli.

DWARF OR SNAP.

A succession of sowing can be made from the first week in May until August. Plant in drills about six inches deep and from eighteen inches to two feet apart, according to the richness of the soil. The plants should be about three inches apart.

WAX PODDED VARIETIES.

Pencil Pod Black Wax. Pods are long, round, straight, and very tender. In color a rich dark yellow. Per pkt., 10c.; per qt., 30c.; per bu., \$6.00.

Keeney's Rustless Golden Wax. The pods are thick, flat when young, and semi-round later. Per pkt., 10c.; per qt., 25c.; per bu., \$5.00.

Hodson Wax. Long, straight, light yellow pods. Per pkt., 10c.; per qt., 30c.; per bu., \$6.00.

Currie's Rust Proof. Pods are long, flat and straight. Price per pkt., 10c.; per qt., 25c.; per bu., \$5.00.

Wardwell's Kidney Wax. Pods long, broad, flat. Beans white, mottled with purple. Price per pkt., 10c.; per qt., 25c.; per bu., \$5.00.

Saddle Back Wax. Long, round pods, good color, entirely stringless and exceptionally fine. Price per pkt., 10c.; per qt., 30c.; per bu., \$6.00.

Golden-Eye Wax. An early variety, pods flat. Price per pkt., 10c.; per qt., 25c.; per bu., \$5.00.

Davis' White Kidney Wax. Rustless, pods flat, long and straight. Price per pkt., 10c.; per qt., 25c.; per bu., \$5.00.

Rust Proof Golden Wax. Very early; flat pods, seed mottled. Price per pkt., 10c.; per qt., 25c.; per bu., \$5.00.

Improved Golden Wax. Thick pods, long, slightly curved, seed mottled. Price per pkt., 10c.; per qt., 25c.; per bu., \$5.00.

Black Wax, Butter or Dwarf German. The pods, when ripe, are round, waxy and yellow. Price per pkt., 10c.; per qt., 25c.; per bu., \$5.00.

GREEN PODDED VARIETIES.

Burpee's Stringless Green Pod. The pods are round, long and large. Price per pkt., 10c.; per qt., 25c.; per bu., \$5.00.

Longfellow. An extra early snap. Round, straight, fleshy pods. Price per pkt., 10c.; per qt., 25c.; per bu., \$5.00.

Black Valentine. Very hardy and productive. Extra early. Vigorous vine; pods straight and rather flat. A large crop can be depended on. Price per pkt., 10c.; per qt., 25c.; per bu., \$4.50.



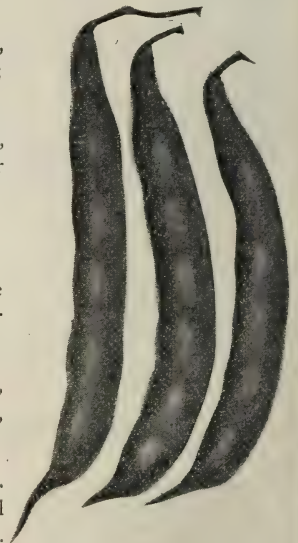
Giant Pod Valentine.



Wardwell's.



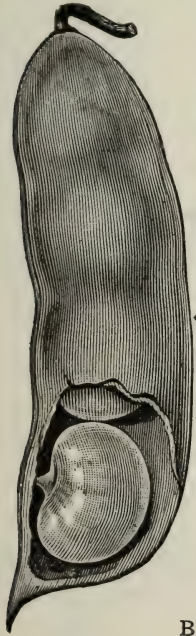
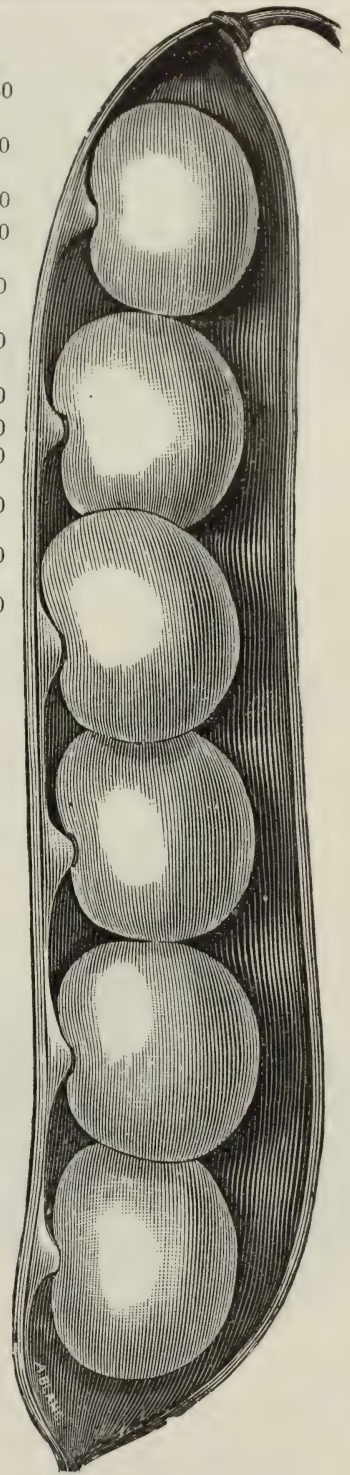
Black Valentine.



Bountiful.

Beans—Continued.

	Pkt.	Qt.	Bu.
Low's Champion. Entirely stringless and very tender	10c.	30c.	\$5.50
Extra Early Refugee. Round pods, dark colored seed	10c.	25c.	\$5.00
Extra Early Valentine. Improved round pod Red Valentine	10c.	30c.	\$5.00
Bountiful. Seed yellow, pods stringless and tender.	10c.	30c.	\$5.00
Early Long Yellow Six Weeks. Long flat pods, seeds yellow	10c.	25c.	\$4.50
Early China Dwarf or Red Eye. Very early, pods flat	10c.	25c.	\$4.50
Refugee or Thousand-to-one. Late, round pod, dark seed	10c.	25c.	\$5.00
Giant Podded Valentine. Long, solid, round pods.	10c.	30c.	\$5.50
Mohawk. Long flat pods, for fall use and pickling.	10c.	25c.	\$4.50
Dwarf Horticultural. Large round beans in fine mottled pods	10c.	30c.	\$5.00
Large White Kidney or Royal Dwarf. One of the best shell beans, green or ripe	10c.	25c.	\$4.50
Red Kidney or Chilian. Generally cultivated as a field bean and used dry	10c.	25c.	\$4.50



BURPEE'S BUSH LIMA.

White Marrow. Best adapted to field culture and sale in a dry state	10c.	25c.	\$4.50
White Field or Medium. A standard sort for field cultivation	10c.	20c.	\$4.00
White Pea or Navy. Boston baking bean	10c.	20c.	\$4.00

ENGLISH OR BROAD.

Broad Windsor. A bush or stump variety; ripens unevenly, thus prolonging the season. Thrives best in good rich, rather damp soil	10c.	30c.	\$6.00
Burpee's Bush Lima. Genuine Lima bean of bush habit, growing from eighteen inches to two feet high..	10c.	30c.	\$6.50
Burpee's Improved Bush Lima. (See novelties, page 3)	10c.	50c.	\$10.00
Dreer's Bush Lima. Two feet high, early; beans close together in pods, and thick	10c.	50c.	\$10.00
Fordhook. (See novelties, page 3)	10c.	50c.	\$10.00

PLATT'S KING OF GARDEN LIMAS.

Beans—Continued.

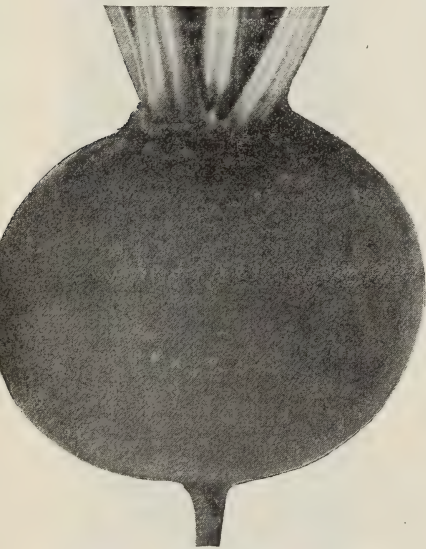
	Pkt.	Qt.	Bu.
Henderson's Bush Lima. Small, but it is the earliest of the lima beans	10c.	35c.	\$6.00
Wood's Prolific Bush. An improved Henderson, larger and better yielder	10c.	40c.	\$6.50
POLE OR RUNNING.			
They succeed best in sandy loam, which should be liberally enriched with thoroughly rotted manure in the hills, which are formed according to the variety, from three to four feet apart.			
Platt's King of the Garden Lima. Early and prolific; pods large and long, bearing four to seven beans	Pkt.	Qt.	Bu.
	10c.	35c.	\$6.00
Ford's Mammoth. Large seeded, broad pod	10c.	35c.	\$6.00
Early Leviathan. Large pod	10c.	35c.	\$6.00
Carpinteria or Ideal. Long, four to six seeded pod. (See novelties, page 3)....	10c.	40c.	\$7.00
Early Jersey. A prolific variety, large pods	10c.	35c.	\$6.00
Large White Lima. Large seeded, broad flat pods	10c.	35c.	\$6.00
Seibert's Early. It is a large, thin-podded kind, white seeds	10c.	35c.	\$6.00
Small Lima or Sieva. A small and early variety	10c.	35c.	\$6.00
Dreer's Improved or Challenger. Early and productive. The beans are thick and round, growing close in the pod	10c.	40c.	\$7.00
Scarlet Runner. The beans are very dark and the flowers bright scarlet	10c.	40c.	\$7.00
White Dutch Runner. Similar to the Scarlet Runner, except in flower and seed, which are white	10c.	30c.	\$5.50
Dutch Case Knife. Early and prolific, long flat pods with white seeds	10c.	30c.	\$5.50
Lazy Wife. Pods four to five inches in length, rather broad, thick and fleshy, entirely stringless. The dry beans are round and pure white	10c.	35c.	\$6.00
White Creaseback. Early, green-podded, used as snaps or string beans. Pods grow in clusters, perfectly round, deeply creased, stringless	10c.	35c.	\$6.00
London Horticultural or Speckled Cranberry. Pods striped with red, seeds oval, medium size	10c.	35c.	\$6.00
Kentucky Wonder or Old Homestead. Large green pods, and one of the best green podded snaps	10c.	35c.	\$6.00
Burger's Green Pod. White Kentucky Wonder.....	10c.	35c.	\$6.00
Early Golden Cluster. Pods are golden yellow, from six to eight inches long, seeds white	10c.	40c.	\$7.50
German Wax, Black or Indian Chief. Seeds black and oval, pods yellow	10c.	30c.	\$6.00
French Yard Long. Curious looking pods, grow two to three feet long; requires support....	10c.		

Beets.

Runkle Rube—Remolacha—Bietoli

The beet is used in all stages of its growth. All the varieties succeed best on a deep, rich, sandy loam, and require to be thinned when small and kept free from weeds. For early beets sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches distant.

	Pkt.	Oz.	¼-lb.	Lb.
Early Wonder. (See novelties, page 3)..	5c.	10c.	40c.	\$1.50
Dark Red Egyptian. The earliest beet in cultivation; flat, very dark red and small tops	5c.	10c.	35c.	\$1.25
Crosby's Egyptian. An improved strain of the Egyptian beet. It is much thicker..	5c.	15c.	35c.	\$1.25
Crimson Globe. The flesh is fine grained dark crimson, with skin of lighter shade....	5c.	15c.	35c.	\$1.25
Detroit Dark Red. Tops small; roots ovoid and smooth; color dark blood red....	5c.	15c.	35c.	\$1.25
Eclipse. Very early; dark red small tops, almost spherical	5c.	10c.	30c.	\$1.00
Bastian's Early Blood Turnip. Light red, flesh alternating red and pink..	5c.	10c.	30c.	\$1.00
Edmund's Blood Turnip. Deep blood skin, and very dark flesh	5c.	10c.	30c.	\$1.00
Early Blood Turnip. A good variety for general use	5c.	10c.	30c.	\$1.00
Early Bassano. Flesh circled with bright red and white	5c.	10c.	30c.	\$1.00
Dewing's Early Blood Turnip. Deep blood red; good for summer, autumn or winter	5c.	10c.	30c.	\$1.00
Early Yellow Turnip. Flesh yellow	5c.	10c.	30c.	\$1.00
Long Smooth Blood. Late variety and good for winter use; smooth skin flesh dark red	5c.	10c.	30c.	\$1.00



CROSBY'S EGYPTIAN BEET.

Swiss Chard or Spinach Beet.

Swiss Chard or Silver. This variety is cultivated for its leaves. The mid-rib is boiled and served like asparagus, and the other portions of the leaves are used as spinach. When wanted, cut close down to the ground, and new leaves will grow. Price per pkt., 5c.; per oz., 10c.; per ¼-lb. 30c.; per lb., \$1.00.

Swiss Chard Giant Lucullus. Large leaf stalks and heavy foliage. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.



Swiss Chard Beet.

Beets--Mangel Wurtzel.

For Feeding Stock.

Red Globe. A large, round, red skinned variety. Per oz., 5c.; ¼-lb., 15c.; lb., 40c.; lots of 10 lbs., @ 35c.

Orange Yellow Globe. Large size and good color.

Per oz., 5c.; per ¼-lb., 15c.; per lb., 40c.; in lots of 10 lbs., @ 35c.

Golden Tankard. Half long, nearly uniform diameter from top to bottom. Price per oz., 5c. per ¼-lb., 15c.; per lb., 40c.; in lots of 10 lbs., @ 35c.

Mammoth Long Red. Grows to an enormous size. Per oz., 5c.; per ¼-lb., 15c.; per lb., 50c.; in lots of 10 lbs., @ 45c.



Golden Tankard Mangel.



French Sugar Beet.

Klein Wauzleben Sugar. Long, medium size; color, rosy orange; very sweet. Price per oz., 5c.; per ¼-lb., 15c.; per lb., 50c.; in lots of 10 lbs., @ 40c.

Sugar Beets.

White French Sugar. For feeding and beet sugar. Per oz., 5c.; per ¼-lb., 15c.; per lb., 40c.; in lots of 10 lbs., @ 35c.

Lane's Improved Imperial Sugar. An American selection from the French Sugar Beet. Price per oz., 5c.; per ¼-lb., 15c.; per lb., 40c.; in lots of 10 lbs., @ 35c.

Brocco'i.

Spargel Kohl—Broculi—Broccoli.

Broccoli is closely allied to cauliflower; succeeds only under cool, damp conditions. Sow thinly in seed beds about the middle of spring, transplant and cultivate according to directions for winter cabbages.

Early White Cape. The heads when full grown are large, white and compact. Price per pkt., 10c.; per oz., 40c.

Early Purple Cape. Differs from the white in color only. Price per pkt., 10c.; per oz., 40c.

Brussels Sprouts.

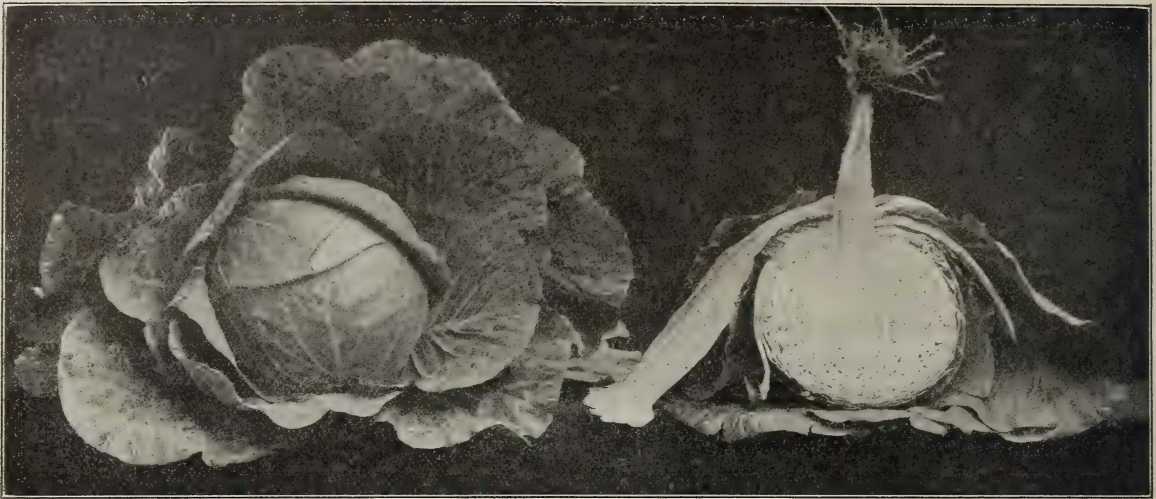
Sprosen Kohl—Berza de Brussels—Broccoli di Carolo.

The plant grows two or three feet high, and produces from the sides of the stalk numerous little sprouts one or two inches in diameter, resembling cabbages. The leaves look like the Savoy, and should be broken down in the fall, to give the little cabbages more room to grow.

Dalkeith. Dwarf, compact, producing large sprouts. Price per pkt., 5c.; per oz., 25c.; per lb., \$2.50.



Brussels Sprouts.



COPENHAGEN MARKET.

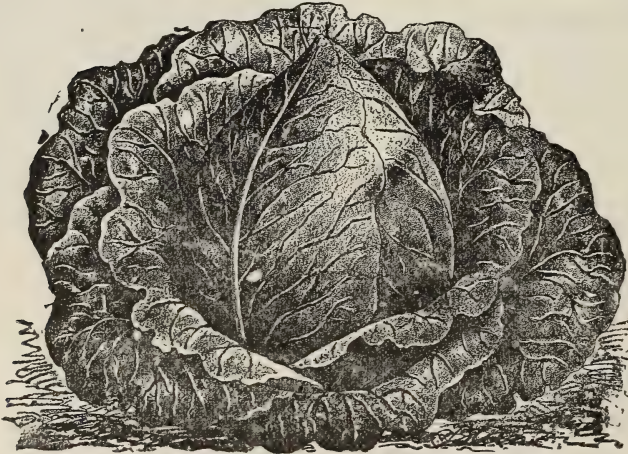
Cabbage.

Kopf Kohl—Berza de Repollo—Cappuccie.

The Cabbage requires a deep, rich soil and thorough working. For early use the plants should be started in a hotbed or cold frame; but seed for winter cabbage should be sown in a seed bed early in the spring. Some of the large late varieties seem to do well if the seed is sown in the hills where they are to remain, and in that case sow two to three seeds where each plant is desired, and then pull up all but the strongest. Plant the large varieties three feet apart; the small, early sorts from a foot to eighteen inches. The Savoy cabbages have wrinkled leaves, and are of fine flavor, especially after a little frost has touched them in the autumn.

	Pkt.	Oz.	Lb.
Early Spring. Extra early, round head	5c.	25c.	\$2.50
All Head Early. A large, flat, early summer variety of fine quality	5c.	25c.	\$2.50
Extra Early Express. Extra early, pointed head	5c.	25c.	\$2.50
Copenhagen Market. (See novelties, page 4). Per ¼-lb., \$1.50	5c.	50c.	\$5.00
Early Jersey Wakefield. Heads very solid, pyramidal, blunted at the top	5c.	25c.	\$2.50
Charleston or Large Wakefield. Similar to Early Jersey Wakefield, but larger and a little later	5c.	25c.	\$2.50

Early Winningstadt. Heads of good size, cone-shape and solid,	5c.	20c.	\$2.00
Enkhuizen's Glory (See novelties, page 4)....	5c.	30c.	\$3.00
All Season or Vandegaw. The heads of this cabbage are large and thick through... ..	5c.	20c.	\$2.00
Henderson's Early Summer. Medium early, good size, of the Drumhead order	5c.	25c.	\$2.50
Surehead. Large, thick, flattened heads	5c.	20c.	\$2.00
Succession. A large early drumhead	5c.	25c.	\$2.50
Fottler's Improved Brunswick. Short stem, early, large drumhead	5c.	20c.	\$2.00
Danish Ball Head. Short Stem. (Fine Danish-grown seed). Round,	5c.	25c.	\$2.75



EARLY JERSEY WAKEFIELD.

hard-headed. Late	5c.	25c.	\$2.75
Premium Flat Dutch. Heads large, solid. A standard variety	5c.	20c.	\$2.00
Large American Drumhead. Large size, compact heads	5c.	25c.	\$2.50
Autumn King. A large solid, deep heading variety	5c.	30c.	\$3.00

Cabbage—Continued.

SAVOY, OR CURLY VARIETIES.

	Pkt.	Oz.	Lb.
Early Favorite. One of the earliest; unsurpassed in quality	5c.	20c.	\$2.00
Perfection Drumhead Savoy. Reliable, large, late heading	5c.	25c.	\$2.75

RED VARIETIES.

Early Red Dutch Erfurt. Small, hard heads	5c.	20c.	\$2.00
Mammoth Rock Red. Heads large, round and thick, very dark from surface to center	5c.	30c.	\$3.00

Carrots.

Mochre—Zanahoria—Carote.

The carrot, like other root crops, delights in a sandy loam, deeply tilled. For early crops sow in the spring, as soon as the ground is in good working order; for late crops they may be sown any time until the middle of June. Sow in rows about fifteen inches apart.

Early Scarlet Horn. An early summer variety; color deep orange; roots grow about three inches long. Per pkt., 5c.; per oz., 20c.; per lb., \$2.00.

Guerande or Oxheart. Very large at the top, three to five inches long and terminating abruptly. Price per pkt., 5c.; per oz., 15c.; per lb., \$1.75.

Early Half-Long Scarlet. Pointed root, early summer variety; flesh fine quality. Price per pkt., 5c.; per oz., 20c.; per lb., \$2.00.

Chantenay Half - Long Scarlet. Stump end variety, large shouldered and very productive. Price per pkt., 5c.; per oz., 20c.; per lb., \$2.00.

Danvers Half-Long. Grows quite large, stump-end, bright orange color. Price per pkt., 5c.; per oz., 20c.; per lb., \$2.00.

Long Orange Improved. Large size and adapted to garden or field culture. Price per pkt., 5c.; per oz., 20c.; per lb., \$2.00.

White Giant, Green Top. Used for feeding stock. Price per pkt., 5c.; per oz., 10c.; per lb., \$1.00.

Cardoon.

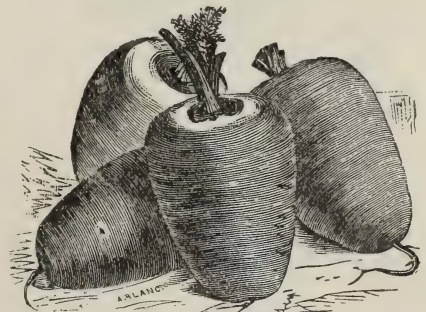
Kardon—Cardo—Cardone.

Cardoon is grown for the mid-rib of the leaf, and requires to be blanched in the same manner as celery. Sow early in the spring, where the plants are to remain, in drills about three feet apart, an inch and a half deep, and thin out the young plants to a foot apart in drills.

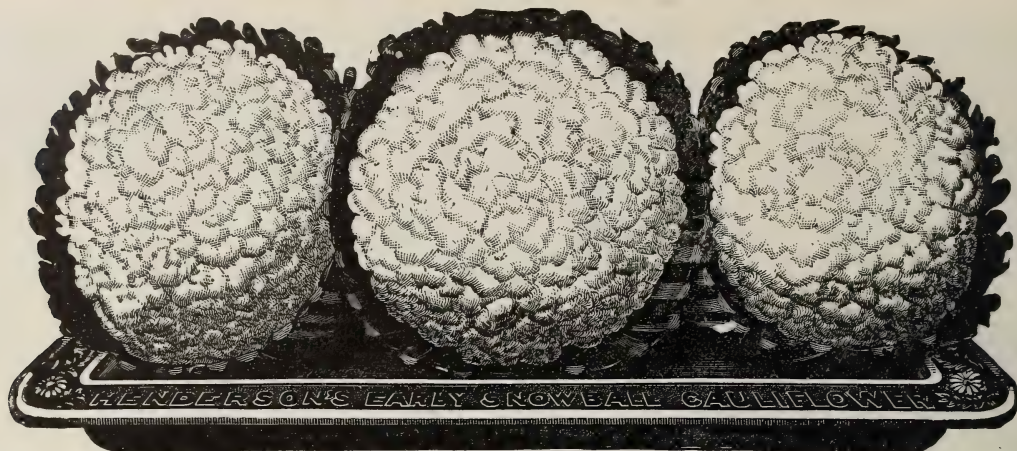
Large Spanish. Price per pkt., 10c.; per oz., 25c.



Half-Long Scarlet Carentan.



Guerande or Oxheart.



Cauliflower.

Blumen Kohl—Coliflor—Cavolfiore.

Should be sown according to instructions for cabbage. It will thrive best in cool, moist situations.

	Pkt.	Oz.	¼-lb.
Early Snowball. Very reliable for heading, dwarf in growth, with short outside leaves	20c.	\$2.00	\$7.00
Early Dwarf Erfurt. Good for forcing. Very dwarf, pure white heads	10c.	\$1.75	\$6.00
Danish Giant. (Large Leaved Snowball type.) Large, white solid heads; keeps finely in warm weather, and only ten days later than Dwarf Erfurt	10c.	\$1.00	\$4.00
Early London. A large medium early variety	5c.	\$.60	\$1.50
LeNormand's Short Stem Mammoth. The latest, largest and one of the most reliable	10c.	\$.75	\$2.25

Celeriac or Turnip-Rooted Celery.

A variety of celery, having turnip-shaped roots which may be cooked, or sliced and used with vinegar, making a most excellent salad. It is more hardy, and may be treated in the same manner as celery.

Turnip-Rooted. Turnip-shaped, sweet and well flavored

Large Prague. Nearly round, smooth and good quality

	Pkt.	Oz.	Lb.
Turnip-Rooted	5c.	20c.	\$2.00
Large Prague	5c.	25c.	\$2.50



CELERIAC.

Chervil.

Gartenkerbel—Perifollo—Cerfaghio.

Cultivated like parsley. The young leaves are used for flavoring. For summer use sow in March, and in July for winter.

Curled. Price per pkt., 5c.; per oz., 15c.; per lb., \$1.50.

Chicory.

Cichorten—Cicorea.

The roots of this vegetable are much used as a substitute for coffee.

Large Rooted or Coffee. Per pkt., 5c.; oz., 15c.; lb., \$1.25

Celery.

Seleri—Apios—Sedanio Acci.

Sow seeds in hotbed or very early in open ground (it is slow to germinate, and should be kept very moist). Sow in straight rows for convenience in weeding when plants are very small. When two or three inches high thin out or transplant to three inches apart. Celery requires very rich soil and plenty of water. Plants may be set from May to the middle of August. The large growers plant most of the crop upon the surface, having previously plowed in all the manure possible, and setting in rows two to four feet apart and six inches in the row.



GOLDEN SELF-BLANCHING.

Celery—Continued.

	Pkt.	Oz.	Lb.
Chicago Giant Self-Blanching. (See novelties, page 4)	5c.	30c.	\$3.00
Giant Pascal. Thick and solid stalks, dark green foliage and golden heart...	5c.	15c.	\$2.00
Golden Self-Blanching. Solid, crisp and brittle	5c.	35c.	\$3.50
Golden Self-Blanching French. Our special importation, from best celery growers of France	10c.	\$1.50	\$15.00
White Plume. Very early; blanching naturally	5c.	30c.	\$3.00
Golden-Hearted Half Dwarf. Center stalks and leaves blanching, a rich yellow	5c.	25c.	\$2.50
Giant Golden Heart. A large type of the Half Dwarf Golden Heart; a good market variety	5c.	25c.	\$2.50
Winter Queen. Very thick, solid heavy stalks, with a large heart	5c.	25c.	\$2.50
Rose Ribbed. A delicate tracing of rose shading with the white. Very solid, rich and nutty in flavor; keeps well	5c.	25c.	\$2.50
Celery Seed. For flavoring. Old seed. Price per oz., 5c.; per lb., 25c.; 100 lbs., \$20.00.			

Chives.

Schnittlauch—Cipollette

Chives are perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used whenever the flavor of onion is required.

Planted in small clumps in any common garden soil, they will grow rapidly, and in time increase so as to render a division necessary. The tops appear very early in spring, and can be cut throughout the season.



CHUFAS.



CHIVES.

Roots only, per bunch, 10c.; three for 25c.

Chufas or Earth Almond.

These resemble in sweetness and flavor a cocoanut. Very prolific, a single one yielding from one to two hundred. Plant one foot to eighteen inches apart.

Chufas. Price per oz., 10c.; per qt., 30c.

Collards or Coleworts.

Blatterkohl—Cabu—Cavoli.

A variety of cabbage greens, used extensively in the South. True Creole or Southern. Price per pkt., 5c.; per oz., 15c.; per lb., \$1.00.



COLLARDS.

Corn for Popping.

Granone per Scoppio.

- Nonpareil White. Eight-rowed. Long ears, pops very large. Price per ear, 3c.; per doz. ears, 25c.; per qt., shelled, 25c.
- Silver Laced. Small kernel, twelve to sixteen-rowed. Price per ear, 3c.; per doz. ears, 25c.; per qt., shelled, 30c.
- White Rice. Sharp-pointed kernels, twelve to sixteen-rowed. Price per ear, 3c.; per doz. ears, 25c.; per qt., shelled, 25c.
- Red Rice. Sharp-pointed kernels, twelve to sixteen-rowed. Price per ear, 3c.; per doz. ears, 25c.; per qt., shelled, 30c.
- Queen's Golden Pop. Twelve to sixteen-rowed, bright yellow. Price per ear, 3c.; per doz. ears, 25c.; per qt., shelled, 25c.

Corn--Varieties for Field Culture.

Granone o Grano—turco.

FLINT VARIETIES.

- | | | | |
|--|-----------|------|--------|
| Early Eight-Rowed Yellow Canada or 90-Day Corn. The earliest corn, a yellow glazed or flint variety, eight rowed | 100 ears. | Qt. | Bu. |
| Longfellow. The ears are long, cob small, kernels large; eight-rowed yellow flint | \$1.50 | 10c. | \$1.50 |
| Improved Sanford. Large white ears and very productive | \$1.50 | 10c. | \$1.50 |
| Large Yellow. The standard "Indian Corn"; ears 12 to 16 inches long ... | \$1.50 | 10c. | \$1.50 |

DENT VARIETIES.

- | | | | |
|---|--------|------|--------|
| Queen of the Prairie or Pride of the North. This is a 90-day Yellow Dent Leaming. The ears are large, with deep large dented grain, twelve to sixteen-rowed | \$1.50 | 10c. | \$1.50 |
| Early Mastodon. Large eared and large dented kernel... | \$2.00 | 10c. | \$1.50 |
| Hickory King. Extremely large; broad grain and small cob white Dent | \$2.00 | 10c. | \$2.00 |
| Southern White Fodder. Attains a height of fourteen to eighteen feet. Used as an ensilage or fodder corn | | 10c. | \$1.25 |
| Red Cob Ensilage. A white corn on red cob. Stalk short-jointed and very tall, with heavy foliage | | 10c. | \$1.25 |
| Eureka Ensilage. White seed, luxuriant and heavy in stalk and foliage | | 10c. | \$2.00 |
| Eureka Ensilage. Ross Bros. special stock | | 10c. | \$2.50 |
| Eureka Ensilage. Ross Bros. special stock. Ears, 70-lb. crate, \$3.00. | | | |

Corn--Early Roasting Varieties.

- | | | | | |
|--|------|------|-------|--------|
| Extra Early Adams or Burlington. While not a sugar corn, this is a tender, white variety for table use. Dwarf stalk, small ears; matures within sixty days | Ear. | Qt. | ½-bu. | Bu. |
| Adams Early. Essentially same as Extra Early, but larger and a few days later | 4c. | 20c. | \$.40 | \$3.00 |
| | 4c. | 20c. | \$.40 | \$3.00 |

Sweet Corn.

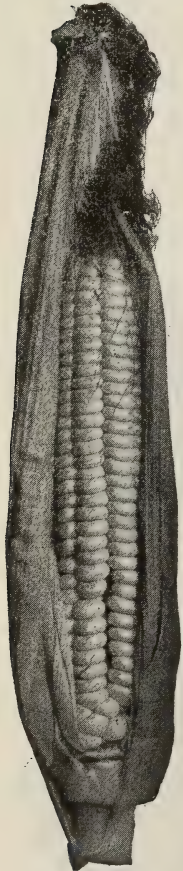
Zucher Maiz—Maiz Granone dolce.

EXTRA EARLY VARIETIES.

- | | | | | |
|--|-----|------|--------|--------|
| Golden Bantam. The kitchen garden special. Good size ears. The seed when dry is a beautiful golden color.. | 4c. | 30c. | \$.75 | \$5.00 |
| Early Dawn. For the first market. Its hardy constitution admits early planting; ears good size, marketable late June or early July | 5c. | 25c. | \$.65 | \$4.50 |
| Cory. Red Cob. Very early. Color both corn and cob light red when dry | 4c. | 20c. | \$.60 | \$4.00 |
| Mayflower. A newcomer of much importance. The market gardeners say so. (See novelties, page 5) | 5c. | 35c. | \$1.00 | \$6.00 |
| White Cory. Very early, good size, both corn and cob white | 4c. | 20c. | \$.65 | \$3.50 |
| Early Minnesota. Very early, white ears of fair size. Eight-rowed | 4c. | 20c. | \$.65 | \$4.00 |
| Crosby's Extra Early. Early, very sweet, grows ten to sixteen rows on an ear | 4c. | 20c. | \$.65 | \$4.00 |

MEDIUM VARIETIES.

- | | | | | |
|--|-----|------|-------|--------|
| Champion. This is a large early variety. It is ten and twelve-rowed, very fine quality | 4c. | 20c. | \$.65 | \$4.00 |
| Cosmopolitan. Early twelve-rowed, white, extremely sweet | 4c. | 20c. | \$.65 | \$4.00 |
| Metropolitan. One of the sweetest and biggest of all the earlies; twelve-rowed | 4c. | 20c. | \$.65 | \$4.00 |



GOLDEN BANTAM.

Sweet Corn—Continued.

	Ear.	Qt.	½-bu.	Bu.
Stabler's Early. Large ears, twelve to fourteen rows, pure white kernels..	4c.	20c.	\$.65	\$4.00
Moore's Early Concord. Ears large, twelve to sixteen rows	4c.	20c.	\$.65	\$4.00
Potter's Excelsior or Squantum. Medium early. Large ears of excellent quality	4c.	20c.	\$.65	\$4.00
Mexican Sugar. Black. Early and very sweet	4c.	20c.	\$.65	\$4.00

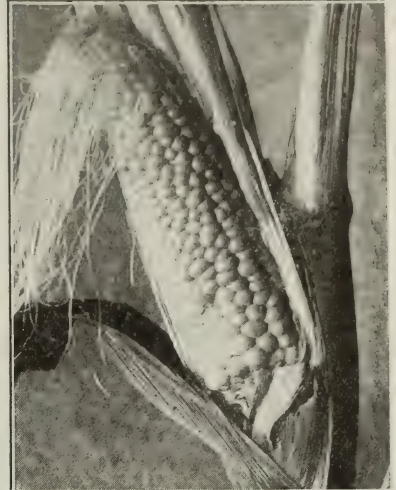
LATE VARIETIES.

Hickox Improved. A large-eared medium late variety	5c.	20c.	\$.65	\$4.00
Early Evergreen. About ten days earlier than Stowell's	5c.	20c.	\$.65	\$4.00
Stowell's Evergreen. A large variety; the standard for family or market use	5c.	20c.	\$.65	\$4.00

Country Gentleman. Medium late; good size ears, delicate, sweet and fine flavored corn. Price per ear, 5c.; per qt., 20c.; per ½-bu., 65c.; per bu., \$4.00.

Golden Cream. (See novelties, page 4). Price per pkt., 10c.; per qt., 30c.; per ½-bu., \$1.25.

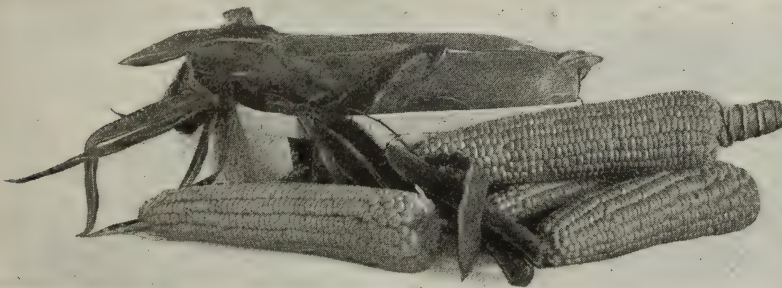
Long Island Beauty. Very large ears of twelve to fourteen rows, shows up well at the market stands. In quality unsurpassed and used extensively by canners. Price per ear, 5c.; per qt., 20c.; per ½-bu., 65c.; per bu., \$4.00.



Golden Cream Sugar Corn.

Late Mammoth. The largest and latest variety, growing from sixteen to twenty rows on an ear. Price per ear, 5c.; per qt., 20c.; per ½-bu., 65c.; per bu., \$4.00.

Sweet Corn for Fodder. The sweet corn is decidedly preferable to the yellow or field varieties. Price per bu., \$1.50.



LONG ISLAND BEAUTY.

Corn Salad or Feticus.

Ackersalat—Macha o Valerianilla—Valerianello o Insalata.

It is sown on the first opening of spring in rows one foot apart, and is fit for use in six weeks from the time of sowing. If wanted for very early spring, it may be sown in September and covered as soon as cold weather sets in, and is wintered over the same as spinach.

Large Leaved. Price per pkt., 5c.; per oz., 10c.; per lb., 50c.

Cress or Pepper Grass.

Kresse—Berro o Mastuerzo—Crescione.

Extensively used as a small salad. Sow early in the spring, very thickly in shallow drills. The sowing should be repeated at intervals, as it soon runs to seed. One ounce of seed will sow a bed of sixteen square feet.



Corn Salad or Feticus.

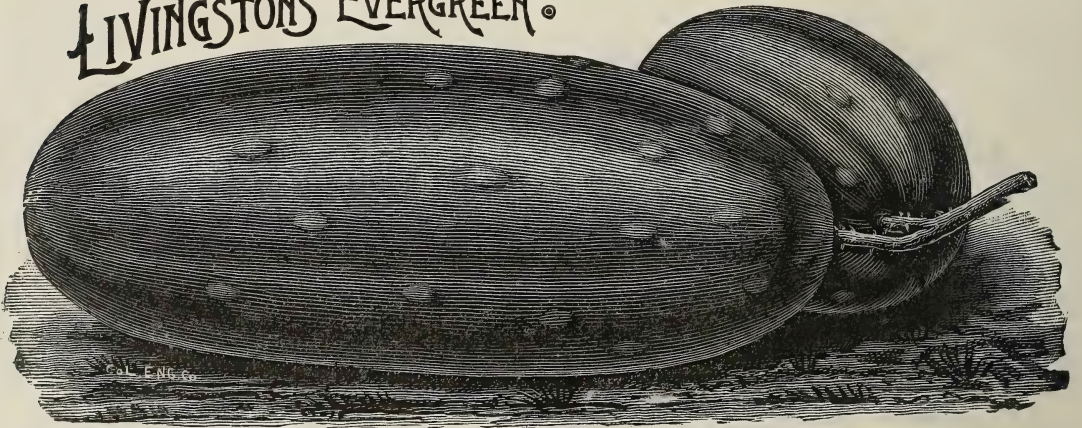


CRESS OR PEPPER GRASS.



UPLAND CRESS.

LIVINGSTONS EVERGREEN.



Cucumber.

Gurke—Pepino—Cetrinolo.

Make rich hills of well-rotted manure, two feet in diameter, and plant a dozen or more seeds, covering half an inch deep. When all danger from insects is over, pull all but three or four of the strongest plants. The middle of June is early enough to plant for pickling. Make the hills about six feet apart. For early cucumbers the hot-bed is necessary.

Cress or Pepper Grass—Continued.

Extra Curled. Fine curly-leaved. Price per pkt., 5c.; per oz., 10c.; per lb., 50c.

Upland. Resembles the water cress in flavor; same culture as spinach, a perennial plant. Per pkt., 5c.; oz., 15c.; lb., 70c.

Cress--Water.

Wasser Kresse—Crescione Acquatico.

This is a well-known hardy, perennial aquatic plant, growing abundantly along the margins of running streams, ditches and ponds. Where it



WATER CRESS.

does not grow naturally it is easily introduced by planting, and it increases, both by spreading of the roots and by seeding.

True Water Cress. Price per pkt., 5c.; per oz., 35c.; per lb., \$3.50.

EARLY AND SMALL PICKLING VARIETIES.

Early Russian. The earliest of all, fruit short. Per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Early Cluster. Very early; short and sets closely. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 25c.; per lb., 85c.

Boston Pickling. Medium long, good color. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 25c.; per lb., 85c.

Cucumber—Continued.

Early Frame or Short Green. Medium size, for table use or pickling. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 25c.; per lb., 85c.

Green Prolific. Medium in size, very prolific. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 25c.; per lb., 85c.

FOR SLICING AND LARGE PICKLES.

Early White Spine. Large, smooth and prolific. Per pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., \$1.00.

Evergreen White Spine. Long and straight. Per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.



Livingston's Evergreen. A very strong grower, early, bearing firm, crisp fruits. Per pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., \$1.00.

Arlington Early White Spine. For slicing or

GHERKIN or WEST INDIA. For pickling. Per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Fordhook Famous. Large type of White Spine, long, straight and solid. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Klondike. Dark green, nearly spineless, excellent for large pickles. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

The Emerald. Rich, dark green, and spineless. Sets early, long straight fruits. Good for forcing. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Davis' Perfect. A fine long, smooth, solid, dark green variety, equally good for field or forcing culture. Price per pkt., 5c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.



DAVIS PERFECT CUCUMBER.

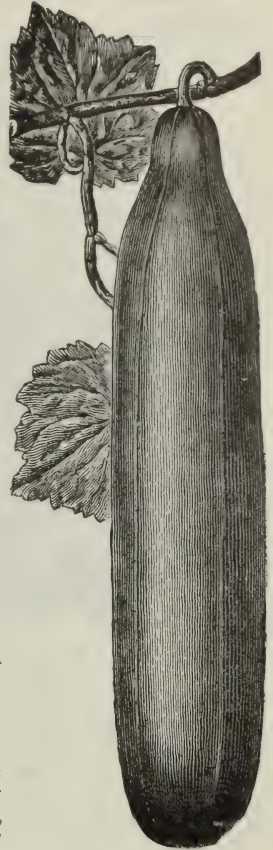
London Long Green. Dark green, fine for large pickles or cutting up. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

White Wonder. Distinct in character, milky white surface, medium size. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Japanese Climbing. Vines are vigorous and throw out strong, grasping tendrils. Price per pkt., 5c.; per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Giant Pera. Grows to one and a half feet in length, smooth and straight. Price per pkt., 5c.; per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.50.

Gherkin or West India. Very small and used for pickles only; extremely prolific; the vine resembles the water-melon and may be run over an arbor or trellis. Price per pkt., 5c.; per oz., 15c.; per ¼-lb., 45c.; per lb., \$1.50.



GIANT PERA.

Dandelion.

Lowenzahn—Amaigon—Cicorea.

The Dandelion affords one of the earliest as well as one of the best and most healthful spring greens. It is also sometimes blanched and used as a salad. The seeds may be sown from May to August, in drills ten inches apart; thin out the young plants about three inches apart; cultivate during the season, and the following spring the plants will be fit for the table.



DANDELION.

French Thick Leaf. Price per pkt., 5c.; oz., 20c.; ¼-lb., 55c.; lb., \$2.00.

Improved Large Leaved. Per pkt., 5c.; oz., 15c.; ¼-lb., \$1.10; lb., \$4.00.



IMPROVED NEW YORK SPINELESS

inches high, transplant into rich, well-prepared soil.

Green Curled. Leaves curly and finely fringed; very hardy and fine quality. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Giant Fringed or Oyster. Beautifully fringed; vigorous; with large white heart. Per pkt., 5c.; per oz., 10c.; per ¼-lb., 35c.; per lb., \$1.25.



BROAD LEAVED BATAVIAN
ENDIVE.

Kale or Borecole.

Blätter Kohl—Col—Cavalo Riccio.

Sow in April, in drills fourteen to eighteen inches apart, covering the seeds thinly and evenly, and thin out when hoeing to from four to six inches apart. The varieties are extremely hardy, and are best when touched by frost. For winter and spring use, sow in August or September

Egg Plant.

Eirpflanze—Berengena—Moligunae.

Sow in a hot-bed in February and March; when the plants are one or two inches high, transplant or thin out to two or three inches apart. When the weather is warm and settled, they may be planted out in a warm situation, two feet apart each way.

Improved New York Spineless. Fruit of large size and perfect form. Price per pkt., 5c.; per oz., 40c.; per ¼-lb., \$1.10; per lb., \$4.00.

Black Beauty. Fruit large, dark purple. Price per pkt., 5c.; per oz., 40c.; per ¼-lb., \$1.10; per lb., \$4.00.

Early Long Purple. Price per pkt., 5c.; per oz., 25c.; per ¼-lb., 75c.; per lb., \$2.50.

Endive.

Endivien—Endivia—Indivia o Escarola.

Make the first sowing about the middle of May, on a bed of well-pulverized, rich soil, scattering the seed thinly, and covering it lightly. For the main crop, sow in the middle of June and again about the middle of July; and for plants to stand the winter, sow early in August. When the plants are about two



LONDON GREEN CURLED ENDIVE

Broad Leaved Batavian. A large summer variety. Per pkt., 5c.; per oz., 10c.; per ¼-lb., 35c.; per lb., \$1.25.

Florence or Naples Fennel.

Finnocchio di Napoli.

Sow in early spring in rows fifteen to twenty inches apart, in rich, moist soil. Thin out or transplant to six or eight inches. It is usually boiled for the table. It somewhat resembles celery, possessing a sweet and agreeable smell and flavor. Eaten raw when young and tender. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Garlic.

Agljo.

Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring, in rows one foot apart and from one to five inches in the rows. The crop matures in August, when it is harvested like the onion.

Garlic Sets. Price per lb., 25c.



GARLIC.

Kale or Borecole

Continued.

Dwarf Curled Scotch. Spreading habit, hardy, and improved by light frost. Per pkt., 5c.; per oz., 10c.; ¼-lb., 25c.; lb., 80c.



DWARF CURLED SCOTCH.

Tall Curled Scotch. Similar to the dwarf except that it grows eighteen to twenty-four inches high. Per pkt., 5c.; per oz., 10c.; per ¼-lb., 20c.; per lb., 70c.

Improved Siberian. German Greens or Sprouts. Dwarf, curly, dark green leaves, very hardy and an immense cropper. Undoubtedly the best adapted to our climate and more extensively grown than any other variety. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 15c.; per lb., 50c.

Purple, Curled or Brown Kale. A beautifully curled variety, with dark colored leaves. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 20c.; per lb., 70c.



IMPROVED SIBERIAN.

Kohl-Rabi or Turnip Cabbage.

Kohlrabi—Colinabo—Rapa.

Half-way between a turnip and a cabbage, partaking of the nature and flavor of both. The bulbs are cooked like turnips. Sow from April to July; plant and cultivate the same as cabbage. As they are difficult to transplant, they are sometimes sown where they are to stand, and afterwards thinned out.

Early White Vienna. Grows to a fair size, skin light green, flesh white; short stump and tops. Price per pkt., 5c.; per oz., 20c.; ¼-lb., 60c.; lb., \$2.00.

Early Purple. Differs from the above in color only. Per pkt., 5c.; per oz., 20c.; per ¼-lb., 60c.; lb., \$2.00.

Leek.

Lauch—Puerro—Cipollette.

Sow as early in the spring as the season admits, either in seed beds or places where they are intended to grow. When four inches in height thin to three inches; when from six to eight, transplant to ten inches apart, leaving those in the drills



LARGE MUSSELBURG LEEK.



KOHL-RABI OR TURNIP CABBAGE.

about six inches apart. Set as deep as possible without covering the small center leaves.

Giant Carentan. Very large, semi-bulbous, mild. Price per pkt., 5c.; per oz., 15c.; ¼-lb., 40c.; lb., \$1.50.

Large Musselburg. The largest and most prolific. Price per pkt., 5c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.50.

American Flag. A large and strong plant. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Lettuce.

Salat—Lechuga—Lattuga.

Culture. Sow early in spring in a hotbed; transplant in April for summer use. Again, sow from April at intervals in the open ground, and for winter and spring use, in August and September. Protect by means of a cold frame during the winter.

Lettuce—Continued.

CURLED-LOOSE OR BUNCHING VARIETIES.

Grand Rapids. Branching habit, fine for forcing. Very large, thick-leaved. Price per pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., \$1.00.

Black Seeded Simpson. Stands the summer heat excellently, and attains a large size. Per pkt., 5c.; oz., 10c.; ¼-lb., 35c.; lb., \$1.25.

White Seeded Simpson or Silesia. Very tender and crisp, forming close center. Pkt., 5c.; oz., 10c.; ¼-lb., 35c.; lb., \$1.25.



PRIZE HEAD.

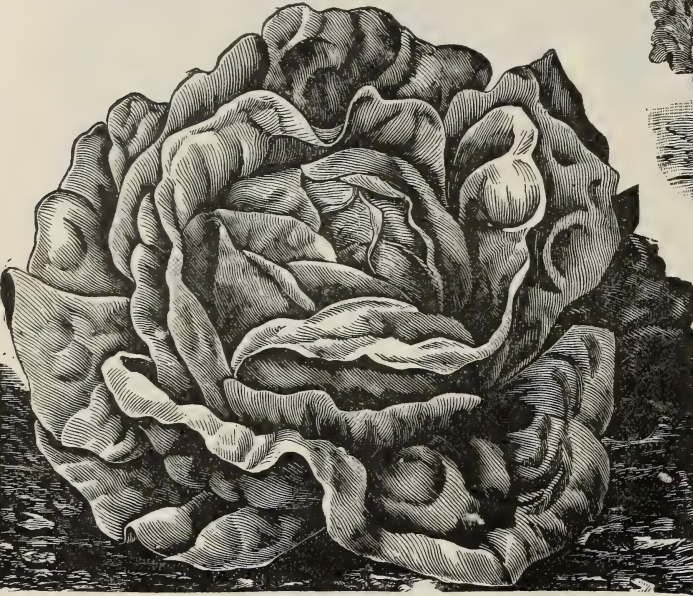
Early Prize Head. Of branching habit, large bronzed leaves. Per pkt., 5c.; oz., 10c.; ¼-lb., 35c.; lb., \$1.25.

HEADING OR CABBAGE VARIETIES.

May King. Early, light green, head solid, good shipper. Per pkt., 5c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.50.

Tennis Ball Black Seeded. One of the earliest; forms a close, hard head. Per pkt., 5c.; oz., 10c.; ¼-lb., 35c.; lb., \$1.25.

Deacon. A large Butter-Head variety. Pale yellow center of fine quality. Price per pkt., 5c.; oz., 10c.; ¼-lb., 35c.; lb., \$1.25.



THE DEACON.

Boston Market or White Seeded Tennis Ball. Grows very compact, one of the best for forcing	Pkt.	Oz.	¼-lb.	lb.
White Summer Cabbage. A fine large headed variety, and one of the best for garden culture	5c.	10c.	35c.	\$1.25
Hubbard Market. A large white cabbage variety; equally valuable for forcing or open ground	5c.	10c.	30c.	\$1.00
Salamander. For summer use, forming good-sized, compact heads	5c.	15c.	35c.	\$1.25
California Cream Butter or Royal Cabbage. Large-leaved, light green, buttery	5c.	15c.	35c.	\$1.25
New York or Wonderful. Very late, crisp and tender	5c.	15c.	35c.	\$1.25
Big Boston. Large head, excellent for forcing, or outdoors	5c.	15c.	40c.	\$1.50
Hanson. Heads very large and solid	5c.	10c.	35c.	\$1.25
Iceberg. Leaves light green, with a very slight tinge of red at the edges.	5c.	10c.	35c.	\$1.25

COS OR ROMAINE VARIETIES.

Paris White Cos. This grows upright, with long, narrow leaves, and should be tied up to blanch a week or more before cutting	5c.	10c.	35c.	\$1.25
Trianon. Large heads, blanching white and tender	5c.	15c.	40c.	\$1.50

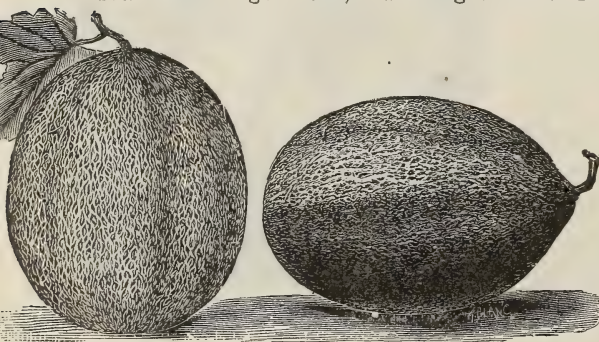
Musk Melon.

Cantalupe—Melon Muscatel—Phone o Mellone.

Culture. Plant in the spring, in hills five or six feet apart each way, well manured with old rotten compost. Scatter a dozen seeds to the hill, and after they are out of danger from bugs, thin to three or four plants. A light, dry, sandy soil and a dry atmosphere are most suitable. Melons should not be planted near any other varieties if it is desired to preserve them pure.

GREEN FLESHED VARIETIES.

Jenny Lind. Very early, small fruit, but delicious, green flesh. Per pkt., 5c.; oz., 15c.; ¼-lb., 30c.; lb., \$1.00.



CONNECTICUT SPECIAL MUSK MELON.

Musk Melon.
Continued.

Rocky Ford. Oval-shape, medium size, and thickly netted. The flesh is green. Per oz., 10c.; per ¼-lb., 25c.; per lb., 85c.

Golden Netted Gem. Flesh light green, skin green regularly ribbed and thickly netted. Price per oz., 10c.; per ¼-lb., 25c.; per lb., 85c.

Hackensack or Nutmeg. It attains a large size, is round in shape, flattened at the ends, green flesh. Price per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Baltimore or Acme. Very large, round, flattened at both ends, flesh green. Price per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

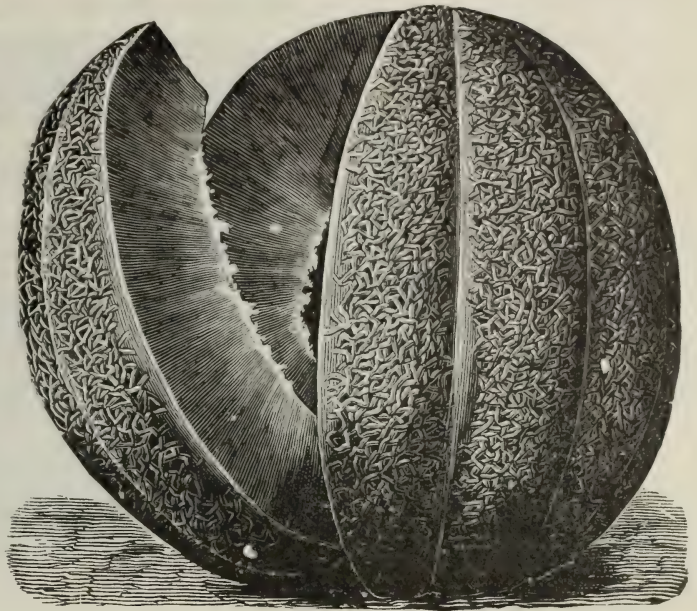


MARTYNIA.

Osage or Miller's Cream. Smooth, dark green exterior, medium size, thick, hard, salmon flesh. Price per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Tip-Top. Very large, deeply ribbed, and thickly netted. Flesh yellow, thick and very sweet. Price per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Price per pkt. of all Musk Melon seeds, 5c., except where otherwise noted.



OSAGE.

SALMON FLESHED VARIETIES.

Connecticut Special. (See Novelties, page 7). Price per pkt., 5c.; per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.50.

Burrell's Gem. The golden fleshed Rocky Ford. Price per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Emerald Gem. Small, but prolific. Has a thin green rind and very small seed cavity, rich and luscious meat of a salmon color. Price per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Martynia.

The seed pods are used to considerable extent for pickling, when gathered green and tender. Sow in the open ground in May, and transplant two feet apart.

Martynia Proboscidea. Price per pkt., 5c.; per oz., 25c.; per lb., \$2.50.

Water-Melon.

Wassermelone—Zandia—Anguria o Mellone.

Culture. Plant in hills six or eight feet apart, in May. Select warm, light, dry ground, and in preparing the hills let them be dug out as broad and deep as the soil will admit; fill at least one third full of the best decomposed stable manure, and mix thoroughly with the soil; fill up a little above the level of the ground.

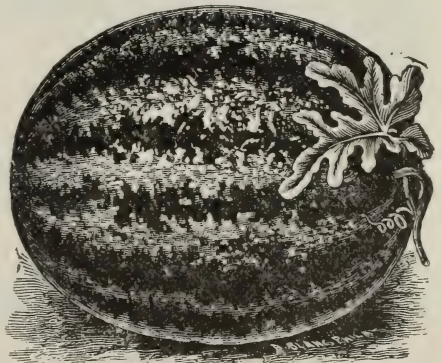
Cole's Early. A striped early variety, nearly round, medium size. Per oz., 10c.; ¼-lb., 20c.; lb., 75c.

McIver Sugar, or Wonderful. Very large, long, striped fruits. Per oz., 10c.; per ¼-lb., 20c.; per lb., 75c.

Monte Cristo or Kleckley's Sweets. Skin dark green, thin rind, flesh scarlet, very solid, firm and luscious. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 75c.

Jordan Gray Monarch. The skin is a mottled gray, shape long, flesh bright crimson. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 70c.

Halbert's Honey. Large, oblong, dark green, very sweet. Price per oz., 10c.; per ¼-lb., 25c.; per lb., 80c.



COLE'S EARLY.

Price per oz., 10c.; per ¼-lb., 25c.;

Water-Melon—Continued.

Tom Watson. (See novelties, page 7). A large, long, dark green melon with bright red flesh and quality unexcelled. Per oz., 10c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Dixie. Large oblong, and striped. Very thin rind. Per oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 75c.

Sweet Heart. Mottled light green; large, oval. Per oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 75c.

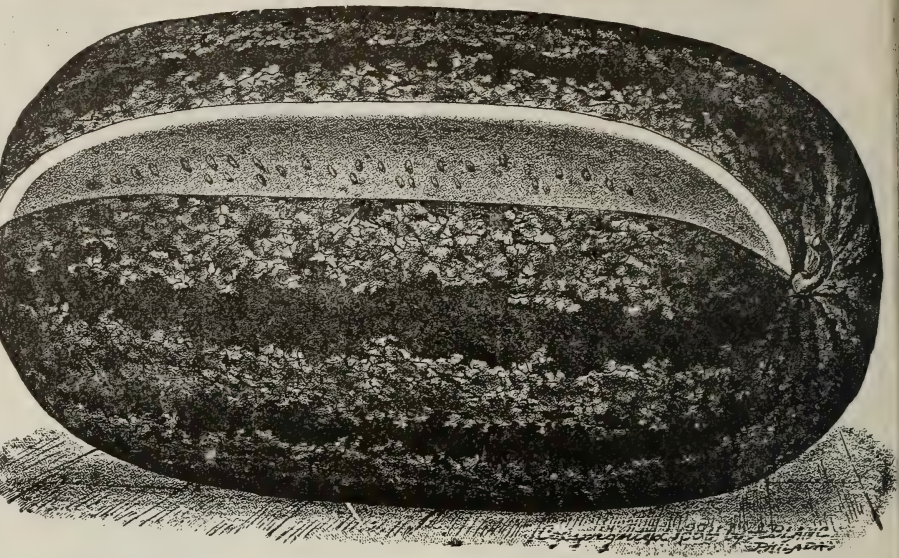
Kolb's Gem. A striped, oblong melon, of large size. Per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; lb., 70c.

The Triumph. Very large and prolific. Rind dark green. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 70c.

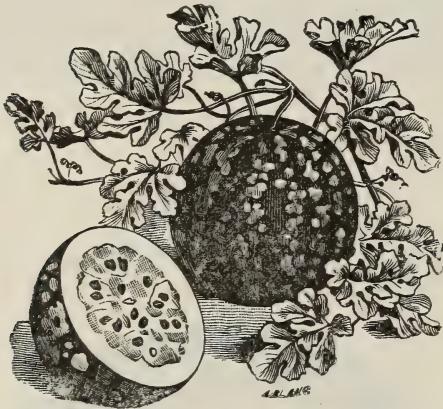
Pride of Georgia. Dark green, very large, nearly round, and grows partly upon its end. White seeds. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 70c.

Ice Cream or Peerless. White seed; medium size; green skin, very thin rind. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 70c.

Mountain Sweet. Color dark green; rind thin; flesh solid. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 70c.

**DIXIE.**

Price of all Pkts., 5c., except where otherwise noted.

**CITRON FOR PRESERVING.**

February, according to the time the Mushrooms are wanted [it requires about two months for them to begin bearing.

American Pure Culture Spawn (bricks). One brick, 25c.; 25 bricks at 18c.

Mustard.

Senf—Mostaza—Mortarda

Sow in April, in drills a foot apart, and thin out moderately when about three inches high.

White London. Used for salads or greens. Per oz., 5c.; per $\frac{1}{4}$ -lb., 10c.; per lb., 30c.

Brown or Black. More pungent in flavor than the white. Price per oz., 5c.; per $\frac{1}{4}$ -lb., 10c.; per lb., 30c.

New Chinese. Leaves twice the size of the ordinary White Mustard. Per pkt., 5c.; per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; lb., 60c.

Citron.

Citron for Preserves and Sweetmeats. Round, striped. red seeds. Price per pkt., 5c.; oz., 10c., $\frac{1}{4}$ -lb., 20c.; lb., 80c.

Colorado Preserving Citron. Oblong and very large. Price per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 80c.

Mushroom Spawn.

Blanc de Champignon—Seta—Champignonbrut

Mushroom Culture.

Mushrooms are an edible fungus and may be grown wherever the temperature of fifty degrees can be kept up through the winter. The beds should be made from November to

**MUSHROOMS.**

Okra or Gumbo.

Safran—Quimbombo—Oihro.

Select warm, rich soil and plant in rows two feet apart, thinning plants a foot apart in the row. The pods are used to thicken soups, being gathered young. Okra is preserved for winter use by slicing the pods into rings and drying them upon strings hung up and exposed to the air.

White Velvet. Pods round, smooth and free from seams. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 15c.; per lb., 50c.

Dwarf Green Prolific or Density. Pods green, smooth and thickly set. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 15c.; per lb., 40c.



WHITE VELVET OKRA.

Parsley.

Petersilis—Perjül—Prazzemoio.

Parsley succeeds best in rich mellow soil. As the seeds germinate very slowly, three or four weeks elapsing before it makes its appearance, it should be sown early in the spring. Sow thickly in rows a foot apart and half an inch deep. For winter use, protect in a frame or light cellar.

Champion Moss Curled. Very closely curled. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 35c.; per lb., \$1.25.



MOSS CURLED PARSLEY.

Fern Leaf. A fine curled, fern-like variety. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 35c.; per lb., \$1.25.

Plain Leaf. Hardier than the curled variety. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 25c.; per lb., \$1.00.

Hamburg or Turnip-Rooted. The root is the edible portion. This is white, solid and nearly round, with rough exterior. Price per pkt., 5c.; per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.50.

Parsnips.

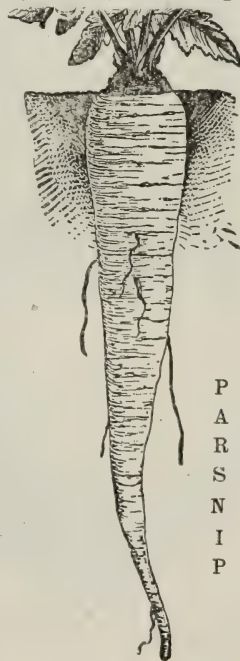
Partinake—Chirijia—Pastanache.

Sow as early in spring as the weather will admit, in drills fifteen inches apart, covering lightly. When well up, thin out to five or six inches apart in the rows. They are improved by frost, and it is a good plan to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug up as required.

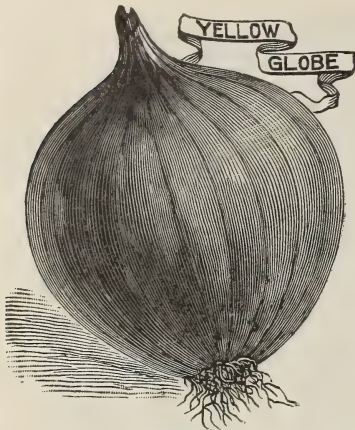
Hollow Crowned Thick Shoulder. This is a half-long root. Wide at the top. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

Hollow Crowned Long or Guernsey. Thick shoulder, medium long. The Hollow Crowns are considered superior to other kinds. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

Long White Dutch or Sugar. Large and quite long, free from side root; sweet and excellent flavor. Price per pkt., 5c.; per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.



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Per oz., 20c.; per $\frac{1}{4}$ -lb., 50c.; per lb., \$1.75.

Yellow Dutch or Strasburg. Large and flat. A great yielder. Sown extensively for sets. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 35c.; per lb., \$1.25.

Prize Taker. Rich straw color, of enormous size. The flavor is mild and delicate. Price per oz., 20c.; per $\frac{1}{4}$ -lb., 50c.; per lb., \$1.75.

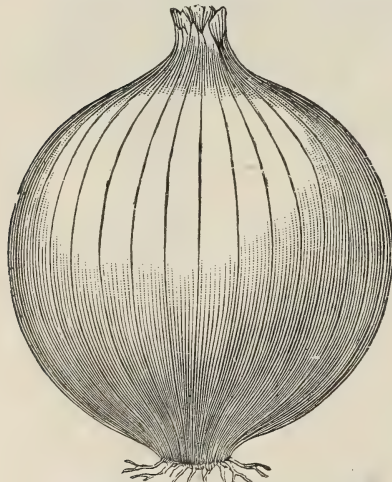
Extra Early Red. Flat, and ten days earlier than Large Red. Per oz., 15c.; per $\frac{1}{4}$ -lb., 40c.; per lb., \$1.50.

Large Red Wethersfield. A large flat variety, very prolific, keeps well. Price per oz., 20c.; per $\frac{1}{4}$ -lb., 50c.; per lb., \$1.50.

Southport Red Globe. This is a large, round, deep red-skinned variety; very mild, good keeper. Price per oz., 20c.; per $\frac{1}{4}$ -lb., 50c.; per lb., \$1.75.

Southport White Globe. In form nearly ovoid, very regular and symmetrical; skin white, choice Southport stock. Price per oz., 25c.; per $\frac{1}{4}$ -lb., 70c.; per lb., \$2.25.

White Portugal or Silver Skin. Very early, mild flavor. Price per oz., 20c.; per $\frac{1}{4}$ lb., 60c.; per lb., \$2.00.



SOUTHPORT WHITE GLOBE.

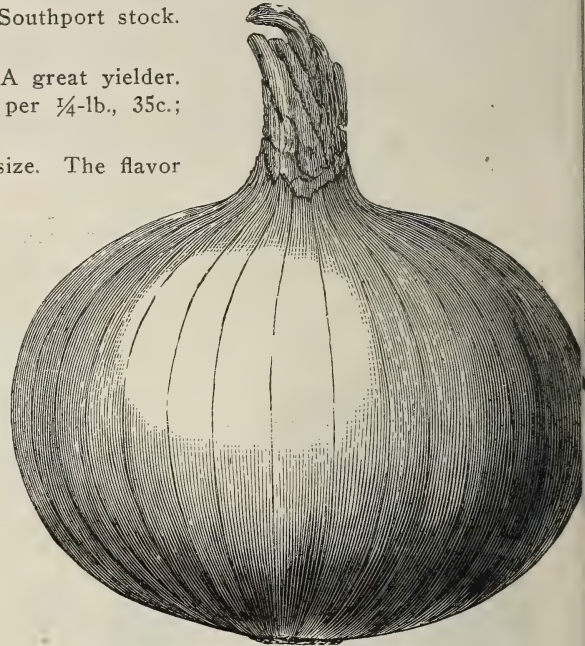
Onions.

Zweibel—Cebolla—Cipolle.

Onion seeds should be sown as early as it is possible to work the ground, in drills one inch deep and twelve to sixteen inches apart, in rich soil, deeply tilled and lightly rolled. Thin to one inch apart. When sowing for sets, seeds must be put in very thick, at the rate of about twenty pounds to the acre. The same patch may be used year after year for onions and never made too rich.

Danvers Yellow Globe. Large, nearly round; very mild, ripens early and is a good keeper. Per oz., 15c.; per $\frac{1}{4}$ -lb., 40c.; lb., \$1.50.

Southport Yellow Globe. Deep globe shaped and a heavy crop; per; grown from Southport stock.



YELLOW GLOBE DANVERS.

Mammoth Silver King. Very large, white and flat. Price per oz., 25c.; per $\frac{1}{4}$ -lb., 70c.; per lb., \$2.50.

Price of all pkts., 5c.

Onion Sets.

Onion sets, both rare-ripes and tops, are placed on the surface, in shallow twelve-inch drills, about four inches apart, and lightly covered. Potato onions are planted in spring or fall, as they will survive the winter. By this process early onions may be obtained several weeks earlier than from seed.

White Onion Sets. Per qt., 20c.; per pk., \$1.10; per bu., \$4.00.

Yellow Onion Sets. Per qt., 15c.; per pk., 80c.; per bu., \$3.00.

Red Onion Sets. Per qt., 15c.; per pk., 80c.; per bu., \$3.00.

Potato Onion Sets. Per qt., 20c.; per pk., \$1.75; per bu., \$4.50.

Egyptian or Perennial Tree. Set out in July and August for early spring use. Per qt., 15c.; per pk., 75c.; per bu., \$2.50.

White Multiplier. Grow in clusters, not large, but very early. Per qt., 15c.; per pk., 80c.; per bu., \$3.00.

For sets in quantities, get special quotations, as prices vary during the season of planting.

Peas.

Erbsen—Chichoros—Pirelli.

Wrinkled varieties marked with an *.

Culture. Peas, for an early crop, should be sown as soon as the ground is in working condition. The soil for their reception should be light and dry. For general crops the ground should be well manured the previous year, which causes them to yield more abundantly. They are usually planted in double rows three or four inches apart, and covered to the depth of two and one-half to three inches. All wrinkled peas are superior and more delicate in flavor than those that present a full and perfect form; like sugar corn, the saccharine matter which they contain causes them to shrivel when dried, and they will remain much longer in season than the other kinds.

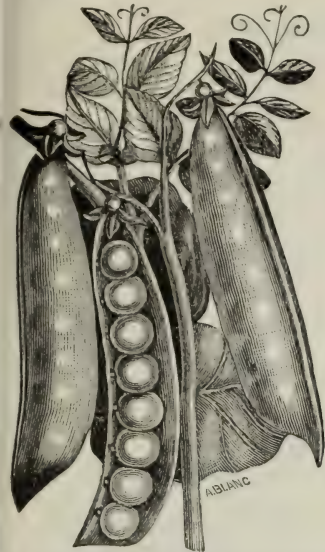
Earliest Peas.

Two to Three Feet High.

Platt's First and Best. White round seeds. Height two and one-half feet. Per qt., 35c.; per pk., \$1.75; per bu., \$6.25.

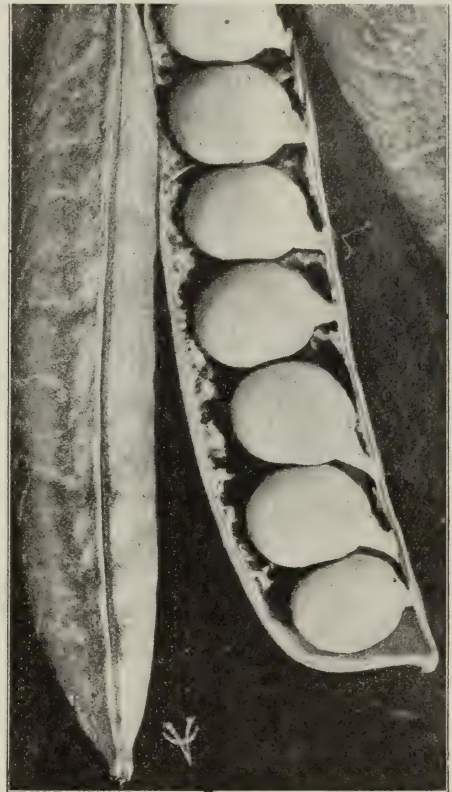
Alaska. Very early; seed round, blue, slightly pitted. Height, two and one-half feet. Per qt., 35c.; per pk., \$1.75; per bu., \$6.25.

Ameer. An extra early of the Alaska type, but larger and only a few days later. Its green



PLATT'S FIRST AND BEST.

shade commends it to shippers, while size and edible qualities, coupled with early maturity, offer advantages over others of its class. Per qt., 35c.; per pk., \$2.00; per bu., \$7.00.



LITTLE MARVEL PEA.

***Eclipse.** } A very
***Surprise.** } e a r l y
wrinkled variety of great merit. Vine growing about twenty inches high. Per qt., 35c.; pk., \$1.75; bu., \$6.50.

***Gradus.** The earliest large-podded pea in cultivation. Vine about three feet, light green. Pods and peas extra size and delicious flavor. Per qt., 50c.; pk., \$3.00; bu., \$11.00.

Thomas Laxton. Resembles Gradus very closely in habit and rapidity of growth, earliness and luxuriance of foliage. Pods large, seed wrinkled, cream color, tinged with green. Height, three feet. Per qt. 50c.; pk., \$3.00; bu., \$11.00.

***Horsford's Market Garden.** Green wrinkled seed; is extremely prolific. Height, two feet. Per qt., 30c.; pk., \$1.85; bu., \$7.00.

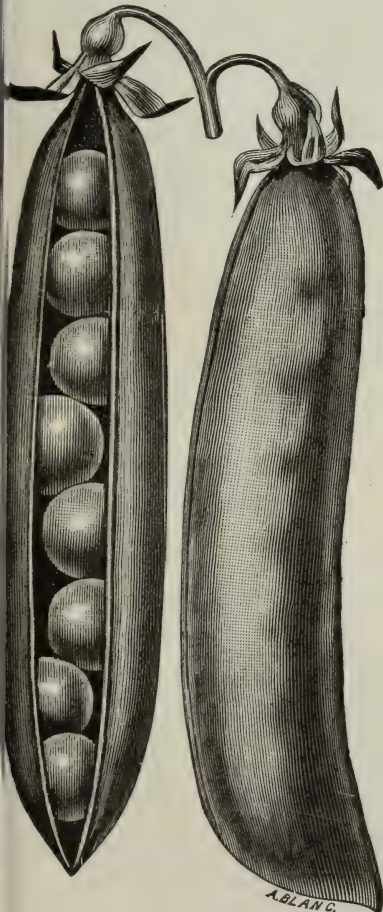
***McLean's Advancer.** Wrinkled, second early for market or family use. Height, two and one-half feet. Per qt., 30c.; per pk., \$1.85; per bu., \$7.00.

We carry in stock and can supply all the standard varieties. Per qt., 40c.; per pk., \$2.10; per bu., \$8.00.

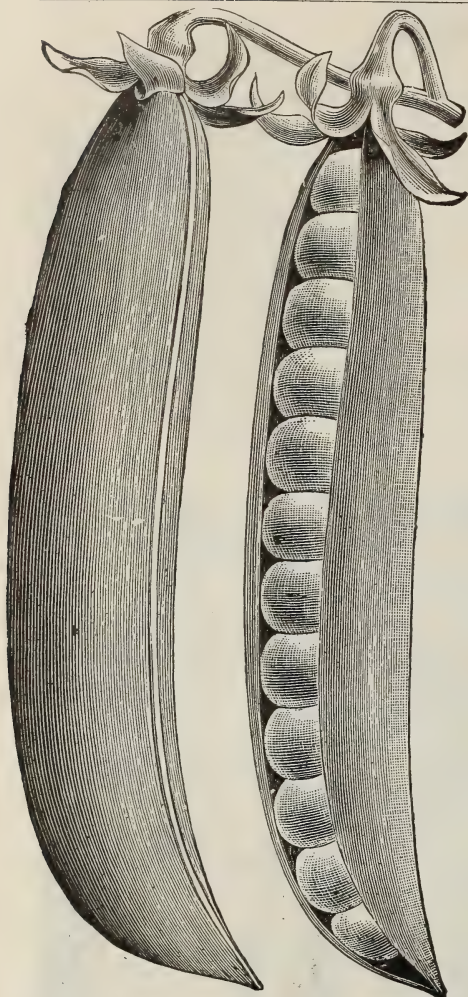
Peas, Dwarf.

Little Marvel. (See novelties, page 5). Per qt., 45c.; per pk., \$2.75; per bu., \$10.00.

***Sutton's Excelsior.** (See novelties, page 5). Very large podded, early. Per qt., 40c.; per pk., \$2.25; per bu., \$8.50.



DUKE OF ALBANY PEAS.



GRADUS.

Peas—Continued.

***American Wonder.** One of the earliest, growing but ten to fifteen inches high. Per qt., 35c.; pk., \$2.00; bu., \$7.50.

***Little Gem.** Very early and prolific. Height, twelve inches. Per qt., 35c.; per pk., \$2.00; per bu., \$7.00.

***Early Premium Gem.** Very early, superior quality. Per qt., 35c.; per pk., \$2.00; per bu., \$7.00.

***Nott's Excelsior.** Robust and vigorous, long, handsome pods. Seed green wrinkled. Height, twelve inches. Per qt., 35c.; per pk., \$2.00; per bu., \$7.50.

***Dwarf Telephone or Carter's Daisy.** A large wrinkled half dwarf variety. Vines grow two feet and bear profusely. Per qt., 40c.; per pk., \$2.50; per bu., \$9.00.

General and Late Crop.

Two and One-Half to Five Feet High.

Dwarf Champion. A pea with all the merits of the well-known Champion of England, but less vine. Height of vine, about twenty-six inches. Price per qt., 35c.; per pk., \$2.00; per bu., \$7.00.

***Bliss' Ever Bearing.** Height of vines, two feet; foliage very large, firm and bright green; pods three to four inches long. Price per qt., 35c.; per pk., \$2.00; per bu., \$7.00.

***Stratagem.** Large podded, green wrinkled pea. Height, two and one-half feet. Price per qt., 35c.; per pk., \$2.00; per bu., \$7.50.

***Yorkshire Hero.** A large, late wrinkled sort; vines rank and vigorous. Height, two and one-half feet. Price per qt., 30c.; per pk., \$1.75; per bu., \$6.75.

***Shropshire Hero.** Similar to the Yorkshire Hero, but much larger vine and pod. Price per qt., 30c.; per pk., \$1.85; per bu., \$7.00.

Duke of Albany. Large dark green pods similar to Telephone. Price per qt., 35c.; per pk., \$2.00; per bu., \$7.50.

***Telephone.** Fine large pods, and peas of excellent quality. Height, two to three feet. Price per qt., 35c.; per pk., \$2.00; per bu., \$7.50.

Alderman. A tall-growing late variety of the large, broad podded, dark green type; very prolific. Price per qt., 35c.; per pk., \$2.00; per bu., \$7.50.

Prince Edward. The largest podded pea listed. Vines make a rank growth under good cultivation and yield abundantly. Pods long and broad, filled with peas of corresponding size. Price per qt., 40c.; per pk., \$2.10; per bu., \$8.00.

***Champion of England.** An old favorite, rich flavored and very prolific. Price per qt., 35c.; per pk., \$2.00; per bu., \$7.50.

White Marrowfat. Correctly named, a rich marrow pea; seeds hard, white. Height, five feet. Price per qt., 20c.; per pk., \$1.25; per bu., \$4.25.

Black-Eyed Marrowfat. Large, hard, white pea, with black eye; the pods grow very large. Height, three feet. Price per qt., 20c.; per pk., \$1.25; per bu., \$4.25.

EDIBLE PODDED PEAS.

Tall French Broad Pod Melting Sugar. This bears pods from five to six inches long and an inch wide. The vines grow five feet long and require support. Per qt., 50c.; pk., \$2.60; bu., \$10.00.

PEAS FOR SOWING BROADCAST.

Canada Field. For field culture only. In their dry state they are used for feeding stock, making soups, etc. They are usually sown broadcast and often with oats or barley, cut and fed green, or left to ripen and then threshed. Price per qt., 10c.; per pk., 65c.; per bu., \$2.25.

Peppers.

Pfeffer—Pimiento—Pepperoni.

Peppers should be started under glass. Transplant into the open ground towards the close of May, having the rows eighteen inches apart; plant a foot apart in the rows. The ground should be made very rich, either by high manuring before the plants are transplanted, or by the liberal application of guano or liquid manure afterwards.

Ruby King. The peppers attain a very large size. When they are ripe they are bright ruby red. Price per oz., 20c.; per ¼-lb., 75c.; per lb., \$2.50.

Neapolitan. Early; large, slightly tapered, sweet thick flesh. Price per oz., 30c.; per ¼-lb., 80c.; per lb., \$3.00.

Large Bell or Bull Nose. An early variety, fruit three to five inches long, flesh thick and slightly pungent. Price per oz., 25c.; per ¼-lb., 70c.; per lb., \$2.50.



RUBY KING.

Ruby Giant. A cross of the Chinese Giant and Ruby King. A very large, sweet mango pepper. Price per oz., 30c.; per ¼-lb., 85c.; per lb., \$3.00.

Sweet Mountain. A large, early variety, of mild flavor, round thick and fleshy. Per oz., 25c.; ¼-lb., 70c.; lb., \$2.50.

Chinese Giant. The largest variety known. It is one of the square shouldered type, thick, sweet flesh. Price per oz., 40c.; per ¼-lb., \$1.10; per lb., \$4.00.

Golden Queen. Very large, bright golden yellow, mild flavor. Price per oz., 25c.; per ¼-lb., 70c.; lb., \$2.50.

Celestial. Fruit ornamental, small, upright; color white, changing to yellow and then scarlet when ripe. The peppers are very mild. Per oz., 30c.; per ¼-lb., 80c.; lb., \$3.00.

Red Cherry. A small, round variety of dwarf growth, very piquant and quite ornamental. Per oz., 25c.; per ¼-lb., 70c.; per lb., \$2.50.



SWEET MOUNTAIN.

Long Red Cayenne. Fruit bright red, long and slender. Price per oz., 25c.; per ¼-lb., 70c.; per lb., \$2.50.

Tabasco. The hottest of peppers, small, bright red when ripe. Price per oz., 40c.; per ¼-lb., \$1.10; per lb., \$4.00.

Small Chili. Very piquant and prolific. Price per oz., 30c.; per ¼-lb., 80c.; per lb., \$3.00.

Red Cluster. Small thin peppers of a coral red color; very hot and pungent. Per oz., 30c.; per ¼-lb., 80c.; per lb., \$3.00.

Price of all pkts., 5c.



RED CLUSTER.

Potatoes.

As prices of potatoes fluctuate according to supply and demand, it is impossible to make prices for seed stock that will hold throughout the planting season. Catalogue goes to press in December. Quotations will be given on application.

Bliss Triumph or Red Bliss. The earliest potato known. Round, pink skin, fine grain.

Quick Lunch or Noroton Beauty. Round, pink, extra early and productive.

Irish Cobbler. A very prolific early, round, white.

New Queen. Early, oblong, light pink.

Early Norther. Large size, oblong, light pink.



NOROTON BEAUTY POTATOES.

Potatoes—Continued.

- Early Harvest.** Large smooth tubers, nearly white.
Early Rose. True stock, grown in Maine.
Beauty of Hebron. A large, oval, pink skin variety.
Gold Coin. Large oval, cream white, second early and good for main crop.
Delaware. Large, white, and late.
Late Rose. Large, oval, pink skin.
Clyde. Late white, smooth, oval, superb quality and great yield-er. (See novelties, page 6).
Green Mountain. Vines strong and vigorous; tubers white, smooth and very large.
Norcross. Late, large, white, flat oval.
Carman No. 3. This is a late potato, white skin, growing uniformly large.
Sir Walter Raleigh. This is a very large, late, white potato, square ended.
 Also many other varieties not enumerated on this list.

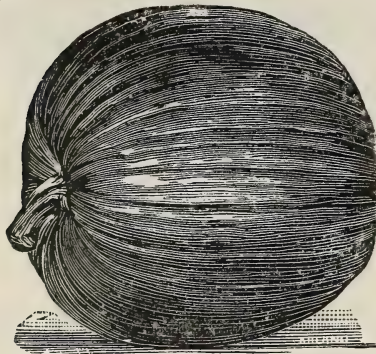
Pumpkin.*Kurbis—Calabaza—Zucca.*

Plant about the middle of spring in manured hills eight feet apart, and leave but two or three plants in a hill; or plant in spring with Indian corn. Avoid planting near other vines.

Sugar. Small, orange-colored, sweet and fine grained. Per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

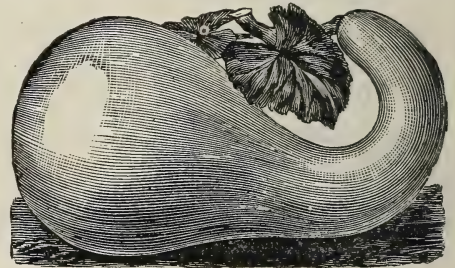
Winter Luxury. Round, russet yellow, used mainly for pies. Per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; lb., 60c.

Large Cheese. Cheese shape, creamy yellow color, flesh fine grained. Per oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 60c.

**LARGE CHEESE.****CONNECTICUT FIELD.**

Connecticut Field. Large, round, orange-yellow. Per oz., 5c.; per $\frac{1}{4}$ -lb., 10c.; per lb., 40c.

Winter Crookneck or Cashaw. A large fine-grained class of pumpkins, equally good for cooking (especially for pies) as well as stock feeding. The long neck is always solid; is very prolific and a good keeper. The white and golden striped are the favored types. Per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 75c.

**WINTER CROOKNECK.**

Large Tours or Mammoth. A very large productive variety. Price oz, 10c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

King of Mammoths, Jumbo or Potiron. One of the largest pumpkins; flesh bright yellow. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

All pkts., 5c.**Radish.***Rettig—Rabanos—Ravanelli.*

All Imported Seeds French Grown.

Sow early varieties in the spring as early as the ground can be worked, in drills ten inches apart, covering the seed half an inch deep; thin the plants to an inch apart in the row, as they are more tender and succulent when grown quickly. A rich, moist, sandy soil should be selected, and frequently watered in dry weather. For a succession, sow every two weeks until midsummer.

Extra Early Scarlet Turnip. Matures in about twenty days. Bright red, globe shaped, small leaved. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.



TURNIP RADISHES.

good forcing variety. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

White Summer Turnip. Round, pure white. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

Stuttgart. A large, round, white solid variety for summer use, but keeping well into fall or winter. Per oz., 10c.; per ¼-lb., 20c.; per lb., 70c.

Olive-Shaped White Forcing (Earliest White). Very mild and fine for forcing or outside planting. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 75c.

French Breakfast. A quick-growing, oval-shaped radish, light color and white tip. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

Olive-Shaped Scarlet. Very early, oval in shape. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

New Icicle. The roots grow about four inches long and are ready for use within twenty-two days from the time of sowing. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 70c.



OLIVE SCARLET RADISH.

Radish—Continued.

Cooper's Sparkler. Carmine scarlet with white tip, very early and equally good for forcing or outside planting. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

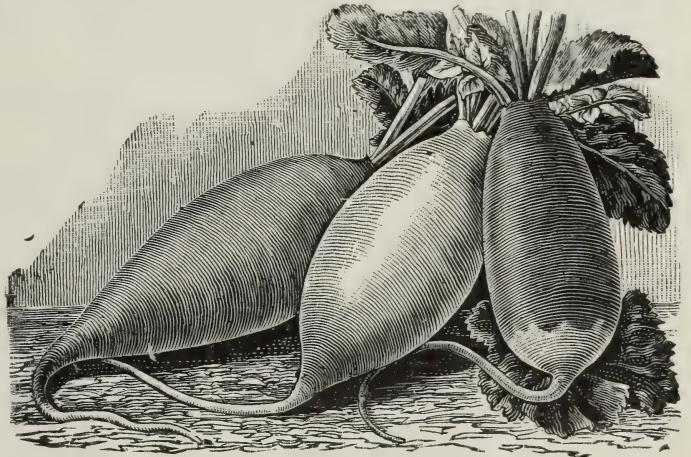
Ne Plus Ultra. Extra early, bright scarlet. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

Early Scarlet Globe. One of the best for forcing, perfectly round, bright cardinal color. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 75c.

Early Scarlet Turnip (White Tipped). Early, fine grain and flavor; round, with white tip. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

Early Scarlet Turnip. Small, round, mild and crisp. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

Deep Scarlet Turnip. Very early and a



OLIVE-SHAPED RADISHES.

Early Long Scarlet Short Top. Bright red color, very small tops. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 70c.

Chartier or Shepherd. An early summer variety; deep pink, white at the roots. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

White Strasburg. Long, pure white, firm and brittle; grows to large size. Price per oz., 10c.; per ¼-lb., 20c.; per lb., 70c.

Mixed Radish Seed.

This is a mixture of the different varieties. It is prepared for those who want some of several kinds, but not a full planting of any one variety. As they mature irregularly, the plantings may be less frequent.

Round and Olive. Price per oz., 10c.; per ¼-lb., 15c.; per lb., 50c.

Long. Per oz., 10c.; per ¼-lb., 15c.; per lb., 50c.

Winter. Per oz., 10c.; per ¼-lb., 15c.; per lb., 50c.

All pkts., 5c.



New Icicle Radish.

Winter Radishes.

Black Spanish (Round). For winter use; texture firm and solid. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Black Spanish (Long). Like the above, differing only in shape. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

China Rose or Winter. Very fine for winter use; large and tender. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

California Mammoth White. A winter sort, grows eight to ten inches long, and keeps well. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 80c.

Rape--English.

Forage plants of great value. Of rapid and luxuriant growth, attaining a height of two or three feet. It may be sown throughout the season, and in a few weeks from sowing, stock can be turned in on it. For broadcasting, sow ten pounds to the acre; in drills, five pounds.

Dwarf Essex. Used also for greens and salad. Price per lb., 15c.; per 10 lbs., \$1.25; per 100 lbs., \$10.00.

Rhubarb or Pie Plant.

Rhubarb, familiarly known as Pie Plant, or Wine Plant, is cultivated in gardens for its leaf stalks. Rhubarb succeeds best in deep, somewhat retentive soil, and the richer this is, the better. Sow in drills an inch deep and thin out the plants to six inches apart. In the fall, or spring, transplant into very highly manured soil, setting them three feet apart each way, and give a dressing of coarse manure every fall. The stalks

should not be gathered until the second year.

Myatt's Victoria. Price per pkt., 5c.; per oz., 10c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Salsify or Oyster Plant.

Sow in early spring, in light, rich soil, in drills fourteen inches apart; thin the plants to three inches in the row. The roots will be ready for use in October; and, like the parsnip, improve by remaining in the ground through the winter

Mammoth Sandwich Island. Roots grow long, smooth and white. Price per pkt., 5c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 35c.; per lb., \$1.25.

Long White French. Large, smooth and white. Price per pkt., 5c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 35c.; per lb., \$1.25.

Sorrel.

Sow early in spring in drills. It is perennial and runs quickly to seed unless kept cut close.



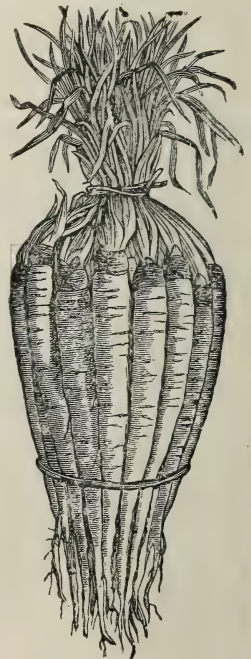
New Zealand Spinach.

Large French. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.50.

Spinach.

(Get special rates on 100-lb. lots.)

For the summer crop sow early in March, and at intervals of a fortnight, till the middle of July, in quantities according to the demand. The round-seeded varieties are the best for summer use. The winter crop should be sown from the middle of August to the beginning of September. It should always be sown in drills, and from twelve to eighteen inches apart, scattering the seed thinly and covering them with the finest soil. Protect the winter crops on the approach of severe frosts.



Salsify or Oyster Plant.

Spinach—Continued.

Norfolk Savoy Leaved. (Bloomsdale). It is very productive and the hardiest of the crumpled-leaved varieties. Per oz., 5c.; per lb., 35c.; 10 lbs. and over @ 25c.

Victoria. A very large, round, crumpled-leaved dark green plant, spreading well on the ground. Per oz., 5c.; lb., 35c.; 10 lbs. and over @ 25c.

Improved Large Round Leaf. A variety with light green very thick leaves, for early sowing. Per oz., 5c.; per lb., 35c.; 10 lbs. and over @ 25c.

Giant Thick Leaf. Similar to the lettuce-leaved, but much larger in habit of growth. Per oz., 5c.; per lb., 35c.; 10 lbs. and over @ 25c.

Long Seasons. A fine round-leaved summer variety, slow to run up to seed stalks, best for mid-summer,



Giant Thickleaf.

and late. Per oz., 5c.; per lb., 45c.; 10 lbs. and over @ 35c.

Prickly or Fall. The hardiest variety; leaves thick and triangular in form. Price per oz., 5c.; per lb., 30c.; 10 lbs. and over @ 25c.

New Zealand. A branching plant of thick, fleshy, succulent growth, used same as spinach; flourishes under the intense heat of summer, and continues growing vigorously until killed by frost. The young branches are cut or broken off as required. Price per oz., 10c.; per lb., 90c.; in lots of 10 lbs. and over @ 80c.

Squash.

Speise Kürbis—Calabaza—Zucche.

The squash is a very tender vine, and so sensitive to the cold that it cannot with safety be planted out until the weather becomes warm and settled. Plant in hills ten feet apart for running varieties; five feet for bush sorts; working some fine rich manure into each hill. Sprinkle liberally with plaster, wood ashes, or air-slaked lime, in the early stages of growth. Cultivate until runners are well started.

Yellow Bush Scallop Summer. One of the earliest; grows flat, with scalloped edges. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 80c.

White Bush Scallop. Like the above in everything except color, which is creamy white. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 80c.

Early Summer Crookneck Bush. Early and productive. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 80c.

Giant Crookneck. (Summer). Early yellow and warty. Per oz., 10c.; per $\frac{1}{4}$ -lb., 25c.; lb., 80c.

Hubbard. Dark green, hard shelled variety; flesh fine grained, dry and of good flavor. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Warty Hubbard. Similar in shape and color to the original Hubbard Squash, but larger fruits, with hard, roughly warty surface. Quality of flesh is equal to any of its class. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Golden Hubbard. In color a bright deep orange yellow. Flesh golden yellow and fine grain, excellent flavor. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Fordhook. Cream color outside, and straw yellow within. For summer and fall use. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 80c.

Boston Marrow. A superior fall squash, of rich orange color, and very productive. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 80c.

Delicata. Grows from five to eight inches long. It is slightly ribbed, orange-yellow color, mottled and striped with green. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

The Delicious Squash. Oval, thick flesh and sweet, the color being dark orange. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.



WARTED HUBBARD.



VEGETABLE MARROW.

Tobacco.

Sow the seed in frames the latter part of March, or in the open ground when the soil has become settled and warm. Keep well watered, and when the plants are two inches high they may be transplanted in rows three feet apart each way. Tobacco requires a very rich, light mellow soil.

Connecticut Seed Leaf. The popular variety in this vicinity, produces a very heavy crop of fine broad leaves. Price per pkt., 5c.; per oz., 25c.; per ¼-lb., 70c.; per lb., \$2.50.

Havana. An excellent variety; leaves narrow, long and pointed. Price per pkt., 5c.; per oz., 30c.; per ¼-lb., 85c.; per lb., \$3.00.

Tomato.

Liebesapfel—Tomates—Pomodoro.

To obtain fruit very early, sow the seeds in greenhouse during February or March, or in hotbed when season has sufficiently advanced. In about five weeks plants should be transplanted to another hotbed, until about the middle of May; they may be put into the ground in hills about four feet apart each way. The richer the soil the ranker will be the growth of the vines, but an ordinary, warm, light soil, with fine, well-rotted manure in the hill, and a sunny location, will produce the more handsome and plentiful fruit.



BONNY BEST TOMATO.

Squash—Continued.

Golden Bronze Squash. Size averaging from eight to ten pounds; a dark grayish green, flesh bright golden yellow; fine grained. Price per oz., 10c.; per ¼-lb., 25c.; per lb., 80c.

Essex Hybrid. Green exterior of Turban form, hard shell; flesh yellow. Price per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Price of pkts., 5c.

VEGETABLE MARROWS.

English. Very prolific; maturing between the early summer and winter sorts. The fruits are best for the table when young or half matured. Price per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Italian (Cocozelle di Napoli). Bush. Grows from ten to twenty inches long; diameter about four inches; skin smooth, dark green color, marbled yellow or pale green. Price per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Italian (Cocozelle Longe). (See novelties, page 6). Price per oz., 15c.; per ¼-lb., 40c.; lb., \$1.50.

Price of pkts., 5c.



TOBACCO.

Earliana. Excelling in earliness, very large size, and bright red color. Per oz., 30c.; ¼-lb., \$1.00; lb., \$3.50.

Bonny Best. An early, round, smooth, bright scarlet tomato, of much merit and good for forcing or field culture. Price per oz., 35c.; per ¼-lb., \$1.00; per lb., \$3.50.

Chalk's Early Jewel. Large, bright red, smooth and solid; vines vigorous and heavy cropper. Price per oz., 30c.; per ¼-lb., 80c.; per lb., \$3.00.

Dwarf Champion. It stands up well, having a stiff bush stem, and ripens early, smooth, crimson, medium in size. Price per oz., 30c.; per ¼-lb., 80c.; per lb., \$3.00.

Tomato—Continued.

Atlantic Prize. Very early; smooth, bright red and solid. Per oz., 20c.; per ¼-lb., 60c.; per lb., \$2.00.

Crimson Cushion. Very large and deep from stem to blow, bright scarlet. Price per oz., 35c.; per ¼-lb., 80c.; per lb., \$3.00.

Livingston's Stone. Large, bright scarlet, very smooth, ripening evenly; solid and firm. Per oz., 30c.; per ¼-lb., 80c.; per lb., \$3.00.

Livingston's Beauty. Dark red, large size, and smooth. Price per oz., 25c.; per ¼-lb., 70c.; per lb., \$2.50.

Acme. Very prolific; in color a purplish crimson, very smooth and solid. Price per oz., 25c.; per ¼-lb., 70c.; per lb., \$2.50.

Livingston's Favorite Large, smooth and bright red. It has very few seeds and is very productive. Price per oz., 25c.; per ¼-lb., 70c.; per lb., \$2.50.

Trophy. Large and bright red, solid, smooth; a great yielder. Price per oz., 25c.; per ¼-lb., 70c.; per lb., \$2.50.

Livingston's Globe. Large size, very smooth, firm fleshed, few seeds, color a beautiful glossy rose, tinged purple. Price per oz., 30c.; per ¼-lb., 80c.; per lb., \$3.00.



LIVINGSTON'S STONE.



Livingston's New Globe.

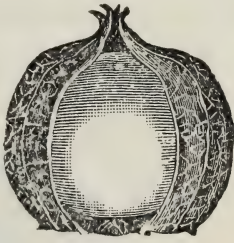
Ponderosa. This excels in size, weight and solidity. Its color is light crimson, and almost seedless. Price per oz., 30c.; per ¼-lb., 80c.; per lb., \$3.00.

Honor Bright. First it is light green, then an attractive waxy white, then lemon, changing to red. It is late and one of the longest keeping varieties. Price per oz., 25c.; per ¼-lb., 70c.; per lb., \$2.50.

Golden Queen. A good yellow sort of first quality. Solid, very smooth, large and ripens early. Price per oz., 25c.; per ¼-lb., 70c.; per lb., \$2.50.

Yellow Pear. Pear shaped and used for pickling or preserving. Price per oz., 30c.; per ¼-lb., 80c.; per lb., \$3.00.

Red Cherry. A small, round red tomato; size and shape like a cherry. Price per oz., 30c.; per ¼-lb., 80c.; per lb., \$3.00.



Strawberry or Ground Cherry.

Strawberry or Ground Cherry. This grows in a husk or pod, and may be kept all winter if the husks are not removed. The fruit is yellow and has a very sweet, pleasant flavor; may be eaten raw but is generally used for preserves. Price per oz., 30c.; per ¼-lb., 80c.; per lb., \$3.00.

Price of all pkts., 5c.

Turnip.

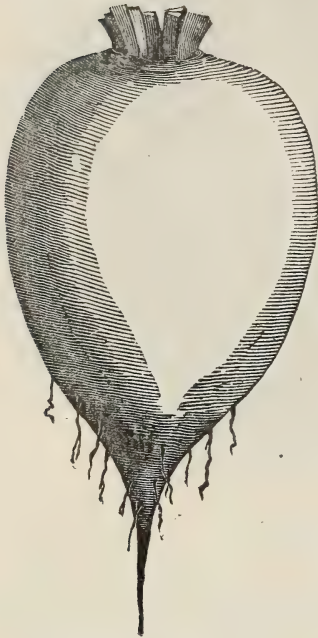
Rübe—Nabo—Rape.

For early use, sow as soon as the ground can be worked in the spring, in drills fourteen inches apart, covering but slightly, except in dry weather. The soil should be light, and if possible, new. Manure with plaster, ashes or phosphate. Thin the early varieties to six inches apart, and the Ruta Bagas from eight to ten inches. For fall and winter use, the early kinds should be sown in July and August, and the Ruta Bagas through June. Hoe them a month after sowing.

Platt's White Egg. It is an early, very smooth, fine, hard grained, white oval turnip, as its name indicates, and unsurpassed for table use. Per oz., 10c.; per ¼-lb., 20c.; per lb., 60c.

White Egg. Special stock. Price per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Turnips—Continued.



White Egg Turnip.

Yellow Globe. Grows to a large size and is one of the best for general crop. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Yellow Aberdeen. (Green Top). This is globe-shaped, and a good keeper. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Swedish or Ruta Baga Varieties.

Platt's Golden Winter Ruta Baga. (The Best). This is a fine grained, hard, solid and sweet turnip; is very prolific and a good keeper. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.



Early Red-Top Strap Leaf.

Early White Milan. Flat, pure white, very fine grain, extra early. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Extra Early Purple Top Milan. This is a pure white fleshed, early, sweet purple top variety. Best of all for forcing. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Early White Flat Dutch. A fine garden variety, differing from White Strap Leaf only in the shape of its leaf, which is broader and rough edged. Per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

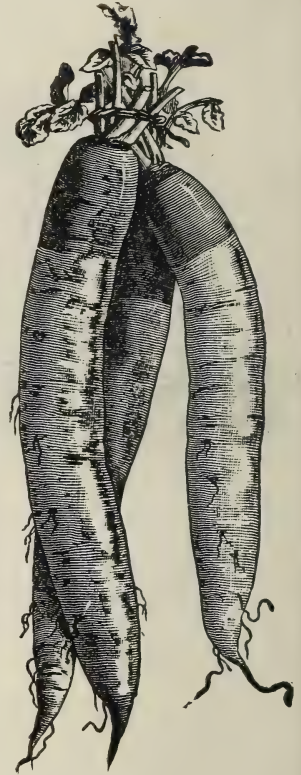
Early Red-Top Strap Leaf. A good flat turnip for early or late culture, and grows to a large size. The top of the turnip is red or purple. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Scarlet Kashmyr. Scarlet exterior, flesh snow white, extra early. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 70c.

Long White or Cow Horn. A long, quick growing turnip, fine grained, tender and sweet. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 80c.

Red Top White Globe. Pure white with a red top. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Golden Ball. Rapid grower, globe shaped, and of a deep yellow color. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.



Long White or Cow Horn.

Sweet German. White, sweet and an excellent keeper; very hard and solid. Per oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 60c.

Yellow French. Very firm and quality excellent; keeps through the winter and till late in the spring. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; lb., 60c.

Laing's Improved Ruta Baga. One of the earliest Swedes; a desirable variety of excellent quality. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

American Purple-Top Ruta Baga.

Very popular with the market gardeners. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

White French. Sometimes called White Rock, on account of its firmness and solidity; flesh pure white, mild, very sweet. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

All pkts., 5c.



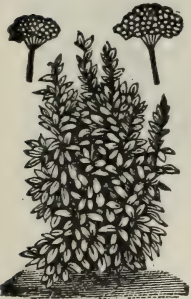
Sweet Basil.



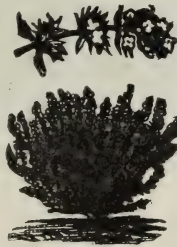
Sage.



Witloof Chicory



Sweet Marjoram.



Thyme.

Witloof Chicory.

A bushy, crisp, Winter Vegetable. Sometimes called French Endive. This makes one of the most delicious of all salads. It is also an excellent dish boiled. The seed is planted in May or June in the open ground and in the fall the roots are dug. The roots are then planted in earth in a dark, cool place in the cellar or under greenhouse bench. Finely blanched, crisp leaves are then thrown out, and when cut new leaves form. The roots keep a long time and may be planted so that a fresh and delicious salad may be had all winter. Fancy fruit and vegetable dealers have imported this vegetable from France on account of its delicious flavor. Price per pkt., 5c.; per oz., 20c.; per ¼-lb., 40c.; per lb., \$1.50.

Sweet, or Pot and Medicinal Herbs.

A few pot herbs, or sweet herbs, as they are usually called, should have a place in every vegetable garden. A very small space in the garden will give all the herbs needed in any family. The culture is very simple, and the best way is to make a little seed bed in early spring, and set the plants out as soon as large enough. As a general rule, it is best to cut herbs when in flower, tie them up in small bunches and hang in the shade to dry.

The following is a list of herbs most cultivated and prized:

	Pkt.	Oz.	¼-lb.	Lb.
Anise	5c.	10c.	20c.	\$.75
Balm	5c.	25c.	70c.	\$2.50
Sweet Basil	5c.	15c.	35c.	\$1.50
Borage	5c.	15c.	30c.	\$1.00
Caraway	5c.	10c.	15c.	\$.60
Catnip	5c.	30c.		
Coriander	5c.	10c.	20c.	\$.60
Dill	5c.	10c.	20c.	\$.60
Sweet Fennel (large)	5c.	10c.	20c.	\$.75
Horehound	5c.	20c.		
Lavender (Spika)	5c.	15c.	40c.	\$1.50
Lavender (Vera) true	10c.	40c.	\$1.25	\$4.00
Sweet Marjoram	5c.	15c.	30c.	\$1.00
Rue	5c.	20c.	60c.	\$2.00
Saffron	5c.	10c.	30c.	\$1.00
Sage, Broad Leaf English	5c.	15c.	35c.	\$1.50
Summer Savory	5c.	10c.	30c.	\$1.00
Tarragon	10c.			
Thyme, Broad Leaf English	5c.	50c.	1.10	\$4.00
Wormwood	5c.	25c.		

The Frank S. Platt Co.,
New Haven, Conn.

Ridgefield, Conn., August 7, 1912.

Dear Sirs:

Enclosed you should find check in settlement for the two shipments of alfalfa seed. The last lot was received Saturday morning. Tested the first lot; it showed in thirty-six hours and is now nearly an inch high. This certainly promises well.

Yours truly,
WILLIAM BUNKER.

Frank S. Platt Co.,
New Haven, Conn.

Mansfield Center, Conn., March 24, 1912.

Dear Sirs:

Please send your catalogue and prices of "Grass seeds." As a student of Agriculture I wish most conclusively to state that the alfalfa seed which I bought of you was far better than any other which I could have possibly bought of any other "Seedsman." The germination test was excellent.

Yours respectfully,
C. G. HALL.

The Frank S. Platt Company's

Choice Selection of

Grains, Grasses and Farm Seeds.

Our Special Mixtures
For Lawns, Permanent Pastures or Hay are Unexcelled.



Farm Seeds.

Evergreen Broom Corn. Best for general cultivation; brush fine and long. Price per lb., 10c.; per 100 lbs., \$6.00.

Sorghum or Early Amber Sugar Cane. Grows 10 to 12 feet high. Matures early and best adapted to the northern states, for syrup making. Used also for ensilage. Per lb., 10c.; 100 lbs., \$6.00.

Kaffir Corn. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. The grain is used for feeding poultry. Per lb., 10c.; per 100 lbs., \$4.00.

Flax Seed. Price per lb., 10c.; per 100 lbs., \$7.50.

Sunflower. Mammoth Russian. Large heads, grown for seeds. Per lb., 10c.; 100 lbs., \$6.00.

Hemp. Price per lb., 10c.; per 100 lbs., \$5.00.

Spring Vetches or Tares (*Vicia Sativa*). Of the Pea family, round black seeds. Usually sown with oats or barley for fodder. Culture same as field peas, two bushels per acre. Per lb., 10c.; per 100 lbs., \$6.00.

Sand, Winter or Hairy Vetch (*Vicia Villosa*). Sow in fall or spring, usually with rye for support; grows three to four feet and is ready to cut as soon as bloom appears, and again for seed. Price per lb., 12c.; per 100 lbs., \$10.00.

Lupins Lutea. Yellow. Price per lb., 10c.; per 100 lbs., \$8.00.

Canada Field Peas. (See page 30). Price per qt., 10c.; per bu., \$2.25.

Southern Cow Peas. A valuable crop for plowing under, and especially desirable for light lands. Sow about one and one-half bushels per acre.

New Era Cow Pea. Price per bu., \$3.50.

Whippoorwill. Price per bu., \$3.00.

Clay. Price per bu., \$3.00.

Soja Bean or German Coffee Bean. Its principal value consists in its uses as a forage crop—for feeding green—and for plowing in as a fertilizer. Price per bu., \$2.75.

Green Soy or Soja Bean. This matures earlier and is consequently better adapted to this climate and latitude than the yellow Soy. Price per bu., \$4.00.

Red Ripper. Price per bu., \$3.50.

Black. Price per bu., \$3.00.

Black Eye. Price per bu., \$3.75.



Sand, Winter or Hairy Vetch.

Spring Wheat.

Prices on all grains subject to market fluctuations.

Saskatchewan Fife. A light amber, hard flint variety, very productive. Price per bu., \$2.00.

White Russian Spring. A light colored variety of red wheat. An enormous cropper, and bears long heads. Price per bu., \$2.00.

Winter Wheat.

Prices on all grains subject to market fluctuations.

Ruddy. (Bearded). Large, long, red grain, stiff straw, good yield-er. Price per ¼-bu., 60c.; per bu., \$2.00.

Red Wave. (Smooth). Medium long large grain. Golden straw medium tall and stocky. Heads long, broad, slightly leaning, hence not liable to sprout in fields. Over 49 bushels per acre. Price per ¼-bu., 60c.; per bu., \$2.00.

Fultzo Mediterranean. (Bald). It has a short, plump, red berry; stiff straw; ripens early and must be cut before over-ripe. Price per ¼-bu., 50c.; per bu., \$1.75.

Klondyke. (Bald). White variety of great value; large berry and very productive. Price per ¼-bu., 60c.; per bu., \$2.00.

Dawson Golden Chaff. (Bald). White, hard variety. Price per ¼-bu., 60c.; per bu., \$2.00.

Buckwheat.

Prices on all grains subject to market fluctuations.

Japanese. The straw is heavier, it branches more, and does not need to be sown as thickly as the other kinds. Per ¼-bu., 35c.; per bu., \$1.25.

Silver Hull. A heavy yielder; the berry is of a light silvery gray color. Per ¼-bu., 35c.; per bu., \$1.25.

Common Gray. An old and well-known variety. Per ¼-bu., 30c.; per bu., \$1.10.

Spring Barley.

Prices on all grains subject to market fluctuations.

Two-Rowed Vermont Champion. Very large, plump berry. Per ¼-bu., 45c.; per bu., \$1.50.

Mansury. Six-rowed; straw tall and stiff, with long, full heads; stools freely. Per ¼-bu., 35c.; per bu., \$1.25.

Beardless. Similar in appearance to the six-rowed varieties while growing, but the beard does not develop and it is much pleasanter to handle while harvesting and cleaning. It is also better for feeding, as stock do not suffer from the sharp needle-like spines. Per ¼-bu., 45c.; per bu., \$1.50.

Emmer (Sometimes Called Spelt.)

Thrives on poor lands, and makes a good crop with almost any condition of soil or climate. Per ¼-bu., 35c.; bu., \$1.25.

Rye.

Prices on all grains subject to market fluctuations.

Spring. It is an excellent catch-crop where winter grain has been killed out, making good straw and fair yield of grain. Price per ¼-bu., 45c.; per bu., \$1.50.

FALL OR WINTER.

Choice Common. This is the ordinary variety sown in the fall. Our seed is from choice selected stock. Price per ¼-bu., 30c.; per bu., \$1.00.

Giant White. Light colored grain, large kernel. Price per pk., 40c.; per bu., \$1.25.

Oats.

Prices on all grains subject to market fluctuations.

New Cluster White Oats. Medium early, heavy white grain. Per bu. of 32 lbs., 70c.

New Swedish. Early white, stiff straw, very heavy and prolific. Per ¼-bu., 30c.; per bu., \$1.00.

Lincoln. Enormously productive, early stiff straw, thin hull and heavy meated. Per ¼-bu., 25c.; per bu., 80c.

Welcome. A heavy barley oat, with stiff straw. Price per ¼-bu., 30c.; per bu., \$1.00.

Choice White. Price per ¼-bu., 20c.; per bu., 60c.



Japanese Buckwheat.

Our Special Grass Mixtures

Owing to Market Fluctuations We Will Give Special Quotations for Bulk Seeds.



Grass Seed for Lawns, Etc.

In laying out a piece of ground for a lawn, care should be exercised to obtain the proper grade and slope, and perfect the general plan of the grounds before attempting to sow any seed at all. After the correct grade has been obtained, and the surface sufficiently plowed or spaded, it should be thoroughly harrowed to pulverize the lumps, and so left that there may be at least from five to ten inches of good rich soil over the whole surface. Then all the roots and loose stones should be removed, and the surface brushed or raked down perfectly smooth, and in a suitable condition for successful germination and growth of the fine seed, which is used for seeding. The preparation of most lawn seeds is composed of the finest kind of grasses, and for that reason should be sown much thicker than the coarse sorts that are used in field seeding. After sowing the seed, rake or harrow the surface lightly, and then roll thoroughly, to smooth off, and leave in good condition.

Edgewood Park Lawn Grass Seed.

OUR SPECIAL MIXTURE. This formula is prepared on a well-balanced and carefully considered valuation of the fine dark green varieties in combination with our indigenous frost-proof, heat-resisting grasses, and we are satisfied that we have the very best combination of grasses for lawn making (without white clover) that our experience can produce. All the seeds used in this mixture are of exceptional purity, graded, fancy re-cleaned. On account of their concentrated character and purity, much less bulk is required for a given area. Sold by weight only. Price per lb., 35c.; per 10 lbs., \$3.25; per 100 lbs., \$30.00.

Country Club Golf Links.

A good article for large areas, or seeding the grounds about the new home. It is prepared with a well-balanced proportion of fibrous-rooted grasses that alone are the perfect composition of a firm, tenacious turf. These varieties are not selected with especial reference to their height, as that feature is regulated by the lawn mower, but more particularly the turf forming properties and continuity of development, thus insuring a succession of ripening. Per qt., 25c.; per 1/2-bu., 75c.; per 1/4-bu., \$1.35; per bu., \$5.00.

Platt's Evergreen Lawn Mixture.

This mixture is the finest in quality that we prepare for general situations. It is composed of a judicious combination of the short fine growing varieties that have proved most valuable. It is perfectly adapted to the soil and climate of New Haven, as evidenced by the many beautiful lawns and parks that have been developed and seeded with "Platt's Evergreen Lawn Mixture" for more than a quarter of a century. Price per qt., 25c.; per 1/2-bu., 75c.; per 1/4-bu., \$1.35; per bu., \$5.00.

Fine Lawn Grass Seed--Fine Mixture.

This is composed entirely of indigenous grasses of the finer grades, and in sufficient variety to produce throughout the spring, summer and autumn very satisfactory results. Price per qt., 20c.; per 1/2-bu., 60c.; per 1/4-bu., \$1.10; per bu., \$4.00.

Woody Crest or "Shady Nook."

Many beautiful lawns are marred by bare spots under trees and near ornamental shrubbery or buildings. The Woody Crest Lawn Seed is the happy solution of this difficulty, and if applied under proper conditions of soil preparation, cannot fail of satisfactory results.

Our Woody Crest is composed mainly of short fine grasses that abound in similar situations; made up exclusively for places that get but little sunshine.

For best results the land must be dug deeply, removing roots of trees and vines, these being mainly responsible for lack of grass roots. A heavy coat of manure, dug in, and a dressing of bone, when seeding, should complete the necessary preparation. Per qt., 25c.; per 1/2-bu., 75c.; per 1/4-bu., \$1.35; per bu., \$5.00.



Hay and Pasture Grass Seeds.

Prices subject to variation. Special quotations for large quantities.

Mixture for Hay and Permanent Pasture. Consists of a number of grasses long recognized as the best combination for this latitude; two bushels per acre. Price per $\frac{1}{8}$ -bu., 75c.; per bu. of 20 lbs., \$5.00.

English Rye Grass. A nutritious, permanent grass for meadows and pastures, also for mixing with others for lawns. Price per qt., 10c.; per lb., 12c.; per 100 lbs., \$10.00.

Unhulled Red Top. Clean, heavy seed in its shell or cover. Grades between chaff and fancy. Per qt., 20c.; per lb., 15c.; per 100 lbs., \$12.00.

Red Top, Fancy Cleaned. Absolutely pure seed. Per qt., 20c.; per lb., 25c.; 100 lbs., \$20.00.

Red Top. (*Agrostis Vulgaris*). (In chaff). A valuable native, permanent grass, growing in almost any soil, moist or dry, and standing our hot climate. Per qt., 10c.; per lb., 15c.; 100 lbs., \$10.00.

Rhode Island Bent (*Agrostis Canina*). A valuable grass for lawns.

Light seed. Qt., 20c.; per lb., 30c.; 100 lbs., \$25.00.

Heavy re-cleaned seed. Per qt., 25c.; per lb., 35c.; per 100 lbs., \$30.00.

Fancy Kentucky Blue (*Poa Pratensis*). Valuable for lawns when mixed with other varieties, retaining its verdure in the hottest weather. Extra heavy cleaned seed, per qt., 25c.; per lb., 30c.; 100 lbs., \$20.00.

Canada Blue (*Poa Compressa*). A hardy perennial grass, with creeping rootstalks, forming a close and durable turf. It grows on the poorest and driest soils, standing extremes of wet or drought, and keeping green until the severe frosts of winter. It is distinguished from the Kentucky Blue Grass by its flattened, wiry stems and bluer color. (14 lbs. to the bushel). Per qt., 20c.; per lb., 25c.; per 100 lbs., \$20.00.

Meadow Fescue or English Blue Grass (*Festuca Pratensis*). A highly valuable species for permanent grass land. It does not, however, attain to its full productive power till the second

or third year, when it far exceeds most other sorts in the quantity of its produce and nutritive matter. Qt., 20c.; per lb., 25c.; 100 lbs., \$20.00.

Wood Meadow. (*Poa Nemoralis*). It makes a very early growth in spring and is strongly recommended for pasture, thriving well under close feeding, also valuable in lawn mixture. Price per lb., 60c.; per 100 lbs., \$55.00.

Orchard Grass (*Dactylis Glomerata*). One of the most desirable pasture grasses for stock and for shady places. Qt., 15c.; per lb., 20c.; 100 lbs., \$18.

Sheep's Fescue (*Festuca Ovina*). Grows freely in dry and open pastures. Its chief merit for sheep pasture is that it occupies land which better grasses refuse. Grows from six to ten inches high. Qt., 20c.; per lb., 25c.; 100 lbs., \$18.00.

Sweet Vernal (*Anthroxanthum Odoratum*). True perennial sweet vernal. Useful to mix with other grasses for pastures and lawns, on account of its early growth, and emitting an agreeable odor when cut for hay. Price per lb., 70c.; per 100 lbs., \$60.00.

Timothy (*Phleum Pratense*). A well-known grass and on some soils it will produce a larger crop than any other variety. We carry a large stock of this seed, which is graded as "Prime," "Strictly Prime" and "Choice." Prices on application.

Millets.

Prices given on application.

Hungarian Millet. Early; height two or three feet; abundant foliage and small head; yields well on light soils. Price per qt., 10c.

Siberian. Sometimes called Russian Millet. The plant grows larger than common Millet, with beard and chaff similar to Hungarian. Qt., 10c.

German or Golden. Grows from two to four feet high, heads single and similar to Hungarian, though larger and with bright yellow oval seeds. Price per qt., 10c.

Millets—Continued.

True Southern or Tennessee Millet. Equal in quality to any of the other millets and far superior in yield, growing from three to eight feet high, with abundant foliage, and terminating with



GERMAN OR GOLDEN MILLET.

large seed heads, formed by numerous panicles of small, round, bright golden yellow seeds. Price per qt., 10c.

Japanese or Barn Yard. Forage plants of great value, growing luxuriantly on most any soil and under indifferent conditions. It will grow in seasons of extreme drought, and attain a height of six to twelve feet. Per qt., 10c.; per lb., 6c.; per 100 lbs. and over at \$5.00.

Pearl or Cat-Tail Millet. An enormous crop, growing eight to twelve feet tall, with abundant foliage, and may be cut when it has attained a height of three feet. Per lb., 10c.; per 100 lbs., \$8.00.

Clover.

Alsike or Hybrid Clover (*Trifolium Hybridum*). Even clover sick lands will produce a good crop of this; perennial and very hardy. It is very valuable both for pasturing and soiling; very productive, sweet and fragrant. The flowers are

a distinct light pink, and much liked by bees. Price per lb., 30c.; 25 lbs. and over @ 25c.

Crimson Trefoil or Scarlet Italian Clover (*Trifolium Incarnatum*). This is a variety in common use in the South for feeding green. The yield of fodder is immense, and after cutting, it at once commences growing again, and continues until severe, cold, freezing weather. In warm climates, four or five cuttings are made during the season. It grows about one foot high, blossoms long, pointed, and of a deep red or carmine color. Per lb., 15c.; per 100 lbs., \$10.00.

White Clover (*Trifolium Repens*). Thrives best in damp locations, and while not a heavy producer, it is valuable in permanent pastures. In connection with Blue Grass it affords the most nutritious food for sheep and cattle, and also makes a fine mixture for lawns.

Choice. Per oz., 5c.; per ¼-lb., 15c.; per lb., 50c.; 25 lbs. and over @ 45c.

Prime. Per oz., 5c.; per ¼-lb., 15c.; per lb., 40c.; 25 lbs. and over @ 40c.

Melilotus Alba (Sweet Clover). Per oz., 5c.; per ¼-lb., 10c.; lb., 20c.; 25 lbs. @ 17c.

Red Clover, Mammoth or Pea Vine. Grows five or six feet high, with large coarse stalks, and is largely used for plowing under for manure. Prices on application.

Red Clover, Medium (*Trifolium Pratense*). The common variety, used with other grasses for either pasture or meadow. Prices on application.



ALSIKE OR HYBRID CLOVER.

Lucerne or Alfalfa. (*Medicago Sativa*). Very productive, succeeds in any good soil, and lasts for a number of years. It thrives on dry, rich, sandy soil, producing three to four cuttings annually, and even in seasons of severe drought it is always fresh and green, because the roots extend so deep into the soil. It grows two to three feet high, with purple blossoms. Sow ten to fifteen pounds per acre. Price per lb., 30c.; 25 lbs. and over @ 25c.

PLATT'S SELECTED FLOWER SEEDS

are grown with care and conscientious efforts to obtain the best results.

Abronia.

Extremely pretty creeping annual; verbena-like heads of sweet-scented flowers; very effective in beds, rock work or hanging baskets.

Umbellata. Rosy lilac. White eye. Per oz., 25c.; per pkt., 5c.

Arenaria. Beautiful yellow variety.

Blue Perfection. Fine dwarf, dark blue, eight inches. Per oz., 75c.; per pkt., 5c.

Mexicanum. Blue. One and one-half foot. Per oz., 40c.; per pkt., 5c.

Imperial Dwarf White. Eight inches. Per oz., 50c.; per pkt., 5c.

Imperial Dwarf Blue. Clear blue, eight inches. Per oz., 50c.; per pkt., 5c.

Blue Star. A very tiny, five-inch, compact, new variety with light blue flowers. Per pkt., 15c.

Agrostemma.

An attractive, free-flowering hardy perennial, producing flowers on long, slender stems like a single pink; blossoms the first season. White and rose-colored flowers.

Coeli Rosea (Rose of Heaven). Fine mixed. Price per oz., 25c.; per pkt., 5c.

Alyssum Sweet.

A very pretty little plant for edging or ribbon lines, blooming all summer. Hardy annual.

Maritimum (Sweet Alyssum). Fragrant white; flowers all summer. Per oz., 25c.; per pkt., 5c.

Carpet of Snow. Two to three inches high. Fine for edging. Per oz., 50c.; per pkt., 5c.

Compactum, Little Gem. Grows erect; six inches. Per oz., 40c.; per pkt., 5c.

Saxatile Compactum. Single plants produce many hundred of bright yellow flower-heads; one foot. Per oz., 60c.; per pkt., 5c.

Amaranthus.

Ornamental foliage plants of extremely brilliant and showy colors. Half-hardy annual.

Tricolor. (Joseph's Coat). Leaves yellow, red and green. Per oz., 75c.; per pkt., 5c.

Caudatus. (Love Lies Bleeding). Flowers in bunches of long, drooping, chenille-like tassels. Per oz., 30c.; per pkt., 5c.

Salicifolius. (Fountain Plant). Gracefully drooping, willow-shaped leaves. Per oz., 75c.; per pkt., 5c.

Fine Mixed. Per oz., 30c.; per pkt., 5c.

Ampelopsis.

Veitchii. (Boston or Japanese Ivy). Valuable hardy climber, clinging to stone or brick walls; ivy green foliage. Per oz., 30c.; per pkt., 5c.

Abutilon.

A tender perennial shrub, producing bell-shaped drooping flowers of various colors.

Finest Mixed. Per ¼-oz., \$1.00; per pkt., 10c.

Acacia.

Greenhouse shrub, ornamental foliage; flowers of various shades.

Finest Mixed. Per oz., 20c.; per pkt., 5c.

Acroclinium.

Pretty summer-flowering annuals, bearing quantities of large, double, everlasting flowers, of white, rose, etc.

Double Rose. Per oz., 25c.; per pkt., 5c.

Double White. Per oz., 25c.; per pkt., 5c.

Double Mixed. Per oz., 25c.; per pkt., 5c.

Adonis.

Showy border flowers, with pretty, fine-cut foliage, hardy annual, lasting a long time in bloom.

Aestivalis (Flos Adonis). Scarlet. Per oz., 15c.; per pkt., 5c.

Ageratum.

A Mexican flower of bush-like appearance, suitable for bedding or pot culture. Blooms continually. Annual.



Per oz., \$1.50; per pkt., 10c.

Antirrhinum.

Snapdragon.

One of the most useful summer-flowering perennials, producing long spikes and beautiful bright-colored flowers the first season.

Giant Sulphur Yellow. Pure soft yellow	Oz. .60	Pkt. 5c.
Giant Queen Victoria White .....	.60	5c.
Giant Venus. A delicate pink ...		10c.
Giant Kermesinum Scarlet. Very brilliant .....	.60	5c.
Giant Flowering. Mixed colors..	.60	5c.
SEMI-DWARF.		
Bride Pure White .....	.75	10c.
Golden Queen .....	.75	10c.
Defiance Fiery Scarlet	1.00	10c.
Mixed .....	.75	5c.

Aquilegia.

Columbine.

A very showy class, with curiously shaped blossoms in great variety of colors; ranks among the finest early flowering plants. Hardy perennials.

Chrysantha. Golden spurred flowers	Oz. \$1.00	Pkt. 10c.
Chrysantha Alba. Pure white, long spurs	1.50	10c.
New Long Spurred Hybrids. A very large variety and possesses all the desirable colorings of the smaller class of double flowers	2.00	10c.
Double Varieties. In finest mixtures .....	.30	5c.
Single Large Flowered Hybrids. All colors mixed .....	.30	5c.

Aristolochia.

Sipho. (Dutchman's Pipe). Luxuriant, hardy climber with large, dense foliage; flowers small and curiously formed, resembling a Dutchman's pipe. Thirty feet. Per oz., \$2.00; per pkt., 10c.

Asparagus.

Plumosus Nanus. Tender climber with fern-like foliage. Per 100 seeds, \$1.25; per pkt., 25c.

Sprengeri. Decorative perennial with drooping fronds. Per 100 seeds, 75c.; per pkt., 10c.

Asperula.

A profuse blooming hardy annual, attaining an average growth of one foot. The flowers, which are beautiful light blue, are very sweet scented, and last a long time in perfection.

Azurea Setosa. Grows about 9 inches high and covered throughout the summer with light lavender fragrant flowers. Per oz., 30c.; per pkt., 5c.

Odorata (Sweet Woodruff). The dried flowers and leaves have a delicious fragrance and impart an agreeable perfume to clothes, etc., when kept among them. Price per oz., 30c.; per pkt., 5c.

Platt's Superb Asters.

We wish to call special attention to our selection of this popular annual. The seed here offered is grown with utmost care. No pains have

been spared to bring each variety to its present high state of perfection, the very best it is possible to produce. For such seed, our prices are very moderate.

To appreciate asters grow them in separate colors and varieties and have them from July until hard frost.

Collection. One packet each of any 6 sorts, 50c.

Collection. One packet each of any 13 sorts, \$1.00.

Collection. One packet each of any 20 sorts, \$1.50.

Asters.

Queen of the Market. The very best first early large flowering, perfectly double, of branching habit, good form and stem, about two weeks earlier than late branching.

Dark Blue	Pkt. 5c.	¼-oz. 30c.	Oz. \$1.00
Crimson	5c.	30c.	1.00
Lavender	5c.	30c.	1.00
Peach Blossom	5c.	30c.	1.00
Rose	5c.	30c.	1.00
White	5c.	30c.	1.00
Mixed	5c.	25c.	.80



ASTER, PLATT'S LATE BRANCHING.

Platt's Superb Late Branching. Undoubtedly the most popular and deservedly so. It has been called "Money Maker," always demanding the highest price. While there are many other beautiful varieties for the colors here listed, they are unexcelled as a standard. Plants large, vigorous, branching, with strong stems. Flowers of great size, very full to the center. Our strain of this superb aster has been grown for us with such care we unhesitatingly believe it is unsurpassed.

Lavender	Pkt. 10c.	¼-oz. 40c.	Oz. \$1.50
Deep Pink	10c.	60c.	2.25
Purple	10c.	40c.	1.50
Rose	10c.	40c.	1.50
White	10c.	40c.	1.50
Mixed	10c.	35c.	1.25

King Asters. The plants are similar in growth to the late branching, except the white and rose, which are more upright. The flowers are distinct, having long, narrow, folded petals, presenting a most pleasing and beautiful appearance. We are pleased to offer White King (new last year), blooms about same time as late branching.

Asters—Continued.

	Pkt.	¼-oz.	Oz.
Crimson King	10c.	60c.	\$2.00
Rose King	10c.	40c.	1.50
Violet King	10c.	40c.	1.50
White King	10c.	40c.	1.50
Mixed King	10c.	40c.	1.50

Late Hoenzollern. A good variety of the Comet or Ostrich Plume type. Branching, long stemmed, large blooms, with long narrow petals, curved back at the tip, otherwise showing nearly their entire length. As the name implies, this is of German origin, but our seed is American grown, which we consider superior. Season about same as late branching.

	Pkt.	¼-oz.	Oz.
White	10c.	60c.	\$2.00
Purple	10c.	60c.	2.00

Crego. Another variety of the comet type. Flowers of giant size and stand shipping well. A little earlier than late branching.

	Pkt.	¼-oz.	Oz.
Shell Pink	10c.	40c.	\$1.50
White	10c.	40c.	1.50



ASTER MIKADO WHITE,
One of the Most Valuable.

Mikado. One of the most valuable comet varieties. Has every good feature regards to size, form and vigor. The petals are very long, narrow and gracefully reflexed, towards center beautifully curled and twisted. Mikado White flowers immediately after Queen of the Market, while the pink comes in just before late branching. In general the plants are like Hoenzollern and Crego. Mikado Pink, or Rochester, adopted as the official flower of that city.

	Pkt.	¼-oz.	Oz.
Pink Rochester	10c.	60c.	\$2.25
White	10c.	60c.	2.25

Upright Branching. Earlier than late branching and of that form; one of the best for shipping.

	Pkt.	¼-oz.	Oz.
Flesh Pink	10c.	40c.	\$1.50
White	10c.	40c.	1.50

Lavender Gem. Delicate but deepening with age. Ostrich plume type, having many tubular florets. Per pkt., 10c.; ¼-oz., \$1.00.

Lavender Daybreak. Like Daybreak except in color, delicate shade. Per pkt., 10c.; ¼-oz., 75c.

Splendor. Flesh pink, upright class. Per pkt., 10c.; ¼-oz., 40c.

Scarlet Gem. The best scarlet, of branching habit, strong grower. Per pkt. 10c.; ¼-oz., 60c.

Mary Semples. Pink. Branching, good stems and large flowers, of bright pink enchantress shade. Per pkt., 10c.; ¼-oz., 40c.

Daybreak Pink. Delicate shell pink, globe-shaped, well known, medium early. Per pkt., 10c.; per ¼-oz., \$1.00.

Pink Enchantress. New, of upright habit, color exquisite, form perfect, the outer petals standing out more so than late branching. Per pkt., 15c.; ¼-oz., \$1.50.

Pink Beauty. Delicate blush pink. Many consider this the finest mid-season aster yet introduced; very free bloomer, averaging 4 inches across, of chrysanthemum shape. Per pkt., 10c.; per ¼-oz., \$1.00.

Royal Purple. Rich royal purple, earlier than late branching, but same size; petals more incurved. Branches close to ground. Per pkt., 10c.; per ¼-oz., 60c.

Purity. Pure white, otherwise identical to Daybreak. Per pkt., 10c.; ¼-oz., 75c.

White Fleece. Immense glistening white, comet type, blooms with Daybreak. Per pkt., 10c.; per ¼-oz., 75c.

Auricula.

Primula Auricula.

Charming half-hardy plant producing in May, handsome trusses of very beautiful sweet-scented flowers, varying in color from creamy white to golden yellow, and from the palest mauve to the deepest purple. Sow in June. Price per pkt., 20c.

Balloon Vine.

Cardiospermum—Love in a Puff.

Rapid-growing climber, remarkable for its inflated seed pods, from which it is sometimes called "Balloon Vine." Annual.

Halicacabum. White. Per oz., 25c.; pkt., 5c.

Balsam.

They are among the showiest and most popular of our summer garden annuals, forming bushy plants, covered with large double flowers of brilliant colors.

Double Rose Flowered Fine Mixed. Per oz., 50c.; per pkt., 5c.

Double Camellia Flowered. Finest Mixed. Per oz., 75c.; per pkt., 5c.

White Perfection. Camellia flowered. Large double, pure white. Per oz., \$1.00; pkt., 10c.

Double Scarlet. Camellia flowered. Per oz., \$1.00; per pkt., 5c.

Prince Bismark. Bright salmon pink; very early and double. Per oz., \$1.00; per pkt., 10c.

Balsam Apple.

(See *Mormordica*.)

Bartonia.

Showy garden annual with bright yellow flowers. 1½ ft. Per oz., 30c.; per pkt., 5c.

Begonia.

Sow in February or March in pots, without any covering of earth. Cover with glass and keep in a warm but shaded place. The plants will give

Begonia—Continued.

an abundance of bloom the first year, and if properly kept, tubers will flower more freely than before.

TUBEROUS-ROOTED BEGONIAS.

Single Mixed. Splendid large flowered. Price per pkt., 25c.

Double Mixed. From a very rich collection. Price per pkt., 35c.

Double Mixed Fringed. New, beautiful hybrid. Price per pkt., 50c.

FIBROUS-ROOTED BEGONIAS.

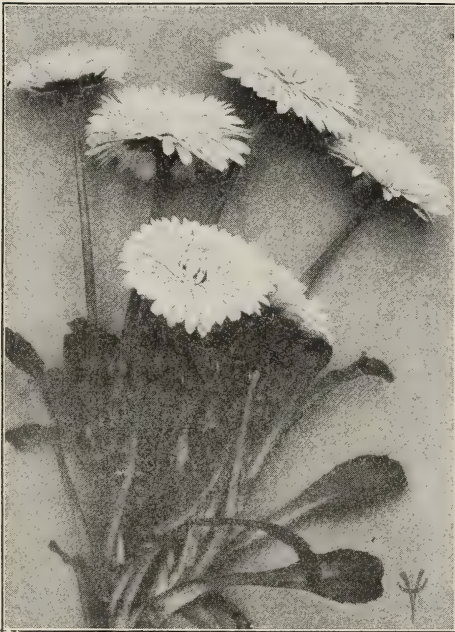
Of the kinds offered under this head, Begonia Rex is grown for its very attractive ornamental foliage, while the others are among the most desirable for flowering in the house, or in partly shaded locations outdoors.

Vernon. Flowers brilliant rich red, bronze leaves. Price per pkt., 10c.

Semperflorens Mixed. A variety well adapted for house or outdoor culture. Plants of compact dwarf habit, and are continuous bloomers. Price per pkt., 10c.

Rex. Ornamental leaved varieties; finest mixed. Price per pkt., 25c.

See also Bulbs and Roots.



BELLIS PERENNIS.

Bellis Perennis.

Double Daisy.

Prefers a cool, sheltered situation, and needs some protection in winter. Flowers are quilled or flat petaled, white, red or variegated. Half-hardy perennial.

Longfellow. Fine, large, double dark rose flowers. Per ¼-oz., 75c.; pkt., 10c.

Snowball. Pure white, large and very double. Price per ¼-oz., \$1.00; pkt., 10c.

Monstrosa Red. Double and unusually large

flowers, red shading to rose. Price per ¼-oz., \$2.00; per pkt., 20c.

Monstrosa Double Mixed. Price per ¼-oz., \$2.00; per pkt., 20c.

Brachycome.

Swan River Daisy.

A delicate dwarf, half-hardy annual, effective for edging, beds or rustic baskets. Produces an abundance of daisy-like flowers about an inch in diameter and in shades from dark blue to nearly white. Price per oz., 75c.; per pkt., 5c.

Browallia.

Profuse blooming plants, continuing throughout the summer, studded with blue and white flowers, growing freely in any rich soil. Half-hardy annual.

Speciosa Majus. Splendid large, blue flowers. Per pkt., 15c.

Elata Alba. Pure white. Per oz., 50c.; per pkt., 5c.

Mixed. Price per oz., 50c.; per pkt., 5c.

Cacalia.

Tassel Flower.

A pretty half-hardy annual, with tassel-shaped flowers, scarlet and golden yellow. Blooms from July to September.

Mixed Colors. Per oz., 50c.; per pkt., 5c.

Calandrinia.

Very pretty plants, succulent stems and fleshy leaves, belonging to the Purslane family. Annual.

Grandiflora. Large flowered rosy pink. Per oz., 50c.; per pkt., 5c.

Calceolaria.

Splendid plants for greenhouse decoration, forming in spring dense masses of beautiful pocket-like flowers. The seeds germinate best without heat, and should be grown in pans or pots.

Hybrida Grandiflora Mixture. Splendid strain, large flowers, very choice. Mottled and spotted. Price per pkt., 25c.

Calliopsis.

Black-Eyed Susan.

Few, if any, annuals are more useful than these; the colors are rich and striking; flowers numerous and beautiful. Annual.

Ray of Gold. A beautiful new variety. Flowers golden yellow, with dark purplish brown center. Per oz., 50c.; per pkt., 5c.

Coronata. Large single yellow flowers. Per oz., 30c.; per pkt., 5c.

Golden Wave. (Drummondii). Plants very bushy and compact, and covered with large golden blossoms having dark centers. Price per oz., 50c.; per pkt., 5c.

Nigra. Fine crimson. Per oz., 50c.; pkt., 5c.

Double. Rich golden yellow. maroon spotted. Per oz., 30c.; per pkt., 5c.

Fine Mixed Single. Price per oz., 30c.; per pkt., 5c.

For Perennial varieties, see Coreopsis.



CALENDULA METEOR.

Calendula.

Pot Marigold.

Showy, free flowering hardy annuals growing in any good garden soil, producing a fine effect in beds or mixed borders and continuing in bloom until killed by frosts.

Meteor. Large double light yellow flowers, striped with bright orange. Price per oz., 25c.; per pkt., 5c.

Pongei, fl. pl. Double white. Per oz., 30c.; per pkt., 5c.

Favorite. Large double, canary yellow. Per oz., 25c.; per pkt., 5c.

Prince of Orange. Grows from ten to twenty inches in height, with a profusion of flowers during the entire summer. Color is a rich dark orange. Per oz., 25c.; per pkt., 5c.

Double Mixed. Per oz., 25c.; per pkt. 5c.

Campanula.

Hardy, herbaceous perennials, bearing attractive bell flowers, thriving best in light rich soil; some of the varieties flower first season if planted early. *Carpatica* is fine for beds, edgings and ribbon gardening.

Campanula Pyramidalis. Large flowers of a beautiful blue, borne on spikes 3 to 4 feet tall. Per oz., 75c.; per pkt., 5c.

Carpatica Blue. Single. Free flowering; continuing in bloom the whole season; hardy perennials; six inches. Per oz., 60c.; per pkt., 5c.

Carpatica Alba. Per oz., 60c.; per pkt., 5c.

Persicifolia Mixed. Blue and white. Single, flowering in July and August. 2 to 3 feet. Per oz., \$2.00; pkt., 10c.

Canary Bird Flower.

Tropaeolum Canariensis.

An ornamental creeper, with bright, yellow fringed flowers, resembling a canary bird with wings partly spread, and finely divided foliage.

Yellow. Price per oz., 25c.; per pkt., 5c.

Candytuft.

Seed sown in April, flowers from July to September, and some of the sorts till frost comes. All the varieties are hardy and easy to cultivate. Single plants look well and bloom profusely. Hardy annuals, one foot high.

Empress or White Giant Hyacinth Flowered. Pure white flowers, borne on candelabra-shaped plant. Per oz., 50c.; per pkt. 10c.

Carmine. Rich red. Per oz., 30c.; per pkt., 5c.

Crimson. Dark red. Per oz., 20c.; per pkt., 5c.

Lilac. Delicate violet. Per oz., 20c.; per pkt., 5c.

White Fragrant. Per oz., 15c.; per pkt., 5c.

White Rocket. Per oz., 15c.; per pkt., 5c.

Mixed Colors. Price per oz., 15c.; per pkt., 5c.

Perennial. (*Iberis Sempervirens.*) Hardy, low growing, compact plant; blooms early in spring in masses of pure white. Fine for border edges or cemetery planting. Price per oz., \$2.50; per pkt., 10c.

Ganna.

Indian Shot.

The seed shells are very hard, and to facilitate germination it is a good plan to soak them in warm water ten to twelve hours before planting.

Dwarf Large Flowered French. The flowers range through all the shades of yellow and orange to the richest crimson, scarlet and vermilion; some are also beautifully spotted. Mixed. Price per oz., 25c.; per pkt., 10c.

See also Bulbs and Roots.



CAMPANULA CALYCANTHEMA.

Canterbury Bells.

Single Mixed. Beautiful, large, bell-shaped flowers; hardy biennials; two feet. Per oz., 50c.; per pkt., 5c.

Double Mixed. Two feet. Per oz., \$1.50; per pkt., 5c.

Calycanthemum (Cup and Saucer.) This is the finest variety of Campanula, producing plants with white and blue flowers, resembling cup and saucer. Single mixed. Per oz., \$2.00; pkt., 10c.

Carnation.

Carnations and Picotee Pinks are general favorites for their delicious fragrance and richness of colors. The seed we offer will produce many splendid novelties in double or semi-double flowers; protect during the winter; half-hardy perennials; 1½ feet.

Marguerite. Flowers four months after sowing the seed; its profusion of bloom, variety of beautiful colors and delicious perfume insures its popularity in all gardens where cut flowers are in demand. Per oz., \$1.25; per pkt., 10c.

Giant Flowered Marguerite. A very choice strain of this favorite by most careful selection seed saved only from largest blooms. Per oz., \$2.50; per pkt., 15c.

Chabaud's Everblooming. A new French introduction; very double and blooms in five months after sowing. Large, finely colored flowers; choice finest quality. Mixed colors. Per oz., \$4.00; per pkt., 25c.

Fine Double Mixed. Perpetual, large flowers of splendid colors, fine for open ground; protect in winter; blooms second summer. Per oz., \$2.00 per pkt., 15c.

Castor Oil Bean.

(See Ricinus).

Celosia or Cockscomb.

A very desirable and showy plant, producing large combs of crimson or yellow flowers. The "Cristata" sorts are the well known Cockscombs.

Cristata, the True Cockscomb.

Mixed. Including many colors. Per oz., \$2.00; per pkt., 10c.

Rosea. Price per ½-oz., 50c.; pkt., 10c.

Golden Beauty. Golden yellow. Per ½-oz., 50c.; pkt., 10c.

President Thiers. One of the most dwarf of all the Cockscombs, bearing large crimson combs. Oz., \$2.50; pkt., 10c.

Plumosa or Feathered Cockscomb.

Plants surmounted with long, feathery plumes; exceedingly handsome.

Golden Yellow. Three feet. Per oz., 50c.; per pkt., 5c.

Crimson. Three feet. Per oz., 50c.; pkt., 5c.

Thompsoni Triumph of the Exposition. Producing graceful feathery flower spikes, which resemble ostrich plumes. Splendid crimson;

foliage bronze green. Price per oz. \$1.00; per pkt., 10c.

Thompsoni Magnifica. Golden yellow, similar to above except in color. Price per oz., \$1.00; per pkt., 10c.

Gentaurea.

Under this heading we have the well known Cornflower, Blue Bottle, Ragged Sailor, Bachelor's Buttons, Sweet Sultans, Dusty Miller, etc.



CENTAUREA CYANUS.

Cornflower.

Centaurea Cyanus.

Cyanus Blue (Kaiser Blume). The favorite dark blue sort so much in demand for cutting. Per oz., 25c.; per pkt., 5c.

White. Per oz., 25c.; per pkt., 5c.

Rose. Per oz., 25c.; per pkt., 5c.

Mixed. Per oz., 25c.; per pkt., 5c.

Giant Sweet Sultans.

Centaurea Imperialis.

	Oz.	Pkt.
Pure White. Best for cutting....	\$.60	5c.
Delicate Lilac	1.00	10c.
Chameleon. Yellow and rose sweet scented	2.00	10c.
Deep Lavender. Very sweet scented	1.00	10c.
Finest Mixed Colors .....	.75	5c.

Gentaurea.

White-Leaved or Dusty Miller Varieties.

Valuable plants for ribbon bedding. The silvery whiteness of the leaves being very effective with other colored leaved plants.

Gymnocarpa. Graceful, fine-cut silvery white foliage. 1½ feet. Per oz., 75c.; pkt., 5c.

Candidissima. Silvery, broad-cut leaves. Per oz., \$1.00; per pkt., 10c.

Chrysanthemums.

ANNUAL VARIETIES.

Very showy and effective garden plants, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants, and distinct from the autumn flowering varieties.

Inodorum Plennissimum. Double snow-white, free-flowering, fine for cutting. Oz., 75c.; pkt., 5c.

Segetum, Evening Star or Helios. Single. (Annual Golden Marguerite). A splendid variety for cutting; flowers 3 inches across, of pure golden-yellow. Price per oz., 50c.; pkt., 5c.

Morning Star. Similar to the foregoing in all particulars except in color of flowers, which are primrose-yellow. Per oz., 50c.; pkt., 5c.

Dunnetti. Double golden yellow, fine for cutting, liable to vary. Per oz., 75c.; per pkt., 5c.

Coronarium Double Mixed. Yellow, white, etc. Per oz., 30c.; per pkt., 5c.

Carinatum Single Mixed. (Painted Daisies). Per oz., 30c.; per pkt., 5c.

PERENNIAL VARIETIES.

Frutescens Grandiflorum. ("Paris Daisy," or Marguerite). White, yellow eye. Per oz., 60c.; per pkt., 10c.

Comtesse de Chambord. (Yellow Paris Daisy). Similar to the above, except in color. Per oz., 60c.; per pkt., 10c.

Japanese Hybrids. Double flowered. The seed here offered has been saved from a choice collection. Seed sown in spring will flower by autumn. Per 1/8-oz., \$1.00; per pkt., 15c.

Chrysanthemum Leucanthemum (Alaska Shasta Daisy). Large, single, pure white flowers, borne on long stems. Excellent for border and cutting. Per oz., \$2.00; per pkt., 10c.

Cineraria.

A magnificent greenhouse plant having a range and brightness of color seldom equaled. Sow seeds from May to July.

Hybrida Grandiflora. Prize varieties, finest obtainable; large flowering. Semi-dwarf. Brilliant blossoms, beautifully marked colors. Pkt., 25c.

Fine Mixed. Choice strain of showy and bright colors. Price per pkt., 25c.

Maritima (Dusty Miller). Silvery foliage. Fine for bedding, edging and ribbon planting. Per oz., 25c.; per pkt., 5c.

Clarkia.

Beautiful, hardy annuals from California, with rose-colored, white and purple flowers, in delicate but very brilliant shades. The plants are about eighteen inches high and profuse bloomers.

Mixed Double. Per oz., 60c.; pkt., 5c.

Mixed Single. Per oz., 50c.; pkt., 5c.

Cleome.

The Giant Spider Plant.

Seed sown in May will commence blossoming July 1st, and continue until frost. The flowers of this variety are of the largest, making a striking appearance in the border or in masses, color rosy carmine. The stamens are several inches long, which gives it the name of Spider Flower. Five feet.

Gigantea. Per oz., 75c.; per pkt., 5c.

Giantanthus.

Australian Glory Pea.

Magnificent plants which should be sown in light, rich soil. A shrubby, tender greenhouse perennial.

Dampieri. Flowers in clusters, pea-shaped; of brilliant scarlet, with black center. Per 1/4-oz., 50c.; per pkt., 10c.



COBAEA SCANDENS.

Cobaea.

A beautiful, rapid-growing, climbing plant; large, handsome, bell-shaped flowers. Sow early and plant out about June. In sowing, plant the seeds edgewise, cover lightly.

Scandens. Per oz., 75c.; per pkt., 10c.

Cockscomb.

(See *Celosia*).

Coleus.

A distinctive foliage plant, with large, brilliantly colored leaves, ranging through shades of scarlet, yellow, green and variegated markings. Sow early in spring.

Fine Mixed. Price per pkt., 10c.

Large-Leaved Varieties. Saved from finest richly colored plants of choicest strain. Per pkt., 25c.

Choice Mixed. This is from the choicest strain obtainable and has taken many first prizes. Per pkt., 25c.

Columbine.

(See *Aquilegia*).

Convolvulus.

Morning Glory.

Major. Free flowering climber, succeeds in almost any situation. Height fifteen feet. Fine mixed. Per pkt., 5c.; oz., 15c.; lb., \$1.00.

Tricolor Minor. "Bush Morning Glories," grow only about one foot high. Per oz., 15c.; pkt., 5c.

Coreopsis.

(Perennial).

Coreopsis. (See also Calliopsis). This is a fine, hardy plant with large, bright yellow flowers, produced in abundance from June till frost. Valuable as a cut flower, having long stems and keeping in good condition some time. Easily grown from seed, flowering the first year, if sown early.

Lanceolata Gd. fl. Per oz., 75c.; per pkt., 5c.

Cosmos.

An autumn plant, with feathery foliage. The flowers are borne profusely in loose clusters. Seed should be sown early in the spring and the plants transplanted in the open border when danger from frost is past. It begins blossoming in August and continues until cut down by frost. For planting in shrubbery it will be found very valuable.

Early Dwarf Dawn. Delicate pink. Per oz., 75c.; per pkt., 5c.

Early Flowering Mixed. Per oz., 75c.; per pkt., 10c.

Lady Lenox. Flowers are of gigantic size, some ranging $4\frac{1}{2}$ inches in diameter. Color, shell pink. Per oz., 50c.; per pkt., 10c.

Klondyke. This forms a plant about two feet high; the flowers about $2\frac{1}{2}$ inches across, and of a rich golden yellow. Per oz., \$1.50; per pkt., 10c.

Giant White. Per oz., 75c.; per pkt., 10c.

Giant Pink. Per oz., 75c.; per pkt., 10c.

Giant Crimson. Per oz., 75c.; per pkt., 10c.

Giant Mixed. Per oz., 75c.; per pkt., 10c.

Cucumis.

Flexuosus (Snake Cucumber). A rapid growing vine, quite ornamental, and often attaining a length of six feet. Annual. Price per pkt., 10c.

Echinocystis Lobata (Wild Cucumber). One of the quickest growing vines, splendid for covering trellises, etc.; blooms easily. Flowers, small white, in sprays. Price per oz., 40c.; per pkt., 5c.

Cyclamen.

A genus of the most beautiful and elegant winter and spring blooming plants for pot culture. If sown early in spring under glass, will make flowering bulbs in one year.

Persicum. Mixed, selected from finest varieties. Price per pkt., 10c.

Giganteum. Extra fine strain. Flowers of an extraordinary size, broad petals and stout flower stalks. Pkt., 25c.

Cypress Vine.

A clinging plant with very delicate, fern-like foliage, and masses of beautiful, star-shaped flowers, borne in clusters. Half-hardy annual.

	Oz.	Pkt.
Scarlet	30c.	5c.
White	30c.	5c.
Mixed	30c.	5c.

Dahlia.

One of our best autumnal flowering plants, blooms until killed by frost; tuberous rooted, half-hardy perennials; blooming the first year from seed, if sown early; protect the roots during winter in a dry cellar in sand.

Large Flowering. Fine mixed. Per $\frac{1}{4}$ -oz., 50c.; per pkt., 10c.

Large Flowering. Finest mixed, unrivaled quality. Decorative and show varieties. Saved from the finest double flowers. Price per pkt., 25c. per $\frac{1}{8}$ -oz., 75c.

Cactus. Double mixed. Saved from very choice stock. Large variety, with curled and pointed petals. Price per pkt., 25c.; per $\frac{1}{8}$ -oz., 75c.

Small Flowering. (Bouquet or Lilliputian).



COSMOS, GIANT WHITE.

Saved from choice double flowers; mixed colors. Price per ¼-oz., 75c.; per pkt., 10c.

Single Mixed. Giant Perfection. Very fine; large showy flowers. Price per ¼-oz., 25c.; per pkt., 10c.

Datura.

Trumpet Flower.

Robust ornamental annuals, with large and showy flowers, 2 to 3 feet high.

Double Golden. Deep yellow; delightfully fragrant. Price per oz., 50c.; per pkt., 5c.

Cornucopia. ("Horn of Plenty"). A grand variety; the flowers average 8 inches long by 5 across; French white inside, purple outside; delightfully fragrant; started early will flower from early summer until fall. Price per oz., 50c.; per pkt., 5c.

Delphinium.

Hardy Perennial Larkspurs.

Among our best plants for mixed borders, etc., producing long spikes of flowers.

Formosum. Deep blue, white center; 2 to 3 feet. Price per oz., 75c.; per pkt., 5c.

Coelestinum. Long spikes of sky-blue flowers, with white center. Per oz., \$1.50; per pkt., 10c.

Elatum. Blue Larkspur. Large blue flowers, dark centers. 3 to 6 feet. Per oz., 75c.; per pkt., 10c.

Nudicaule. Scarlet. 1½ feet. Per ⅛-oz., 75c.; per pkt., 10c.

Zalil. Sulphur-yellow flowers on long spikes; 3 to 4 feet. Per ⅛-oz., \$1.50; per pkt., 15c.

Double Giant Hybrids, Mixed. Price per ¼-oz., 75c.; per pkt., 10c.

Single Hybrids. Finest mixed colors. Price per oz., 40c.; per pkt., 5c.

Dianthus.

This class of pinks are usually treated as hardy annuals. They flower early in summer and continue until frost; excellent for small beds or edgings, flowering profusely. Hardy biennial.

Chinensis Fl. Pl. (Chinese or Indian Pink). The double flowers are produced in great variety of colors; very free flowering. Mixed. 1 foot. Price per oz., 40c.; per pkt., 5c.

Heddewigii Fl. Pl. (Japanese Pink). Very large flowering, double choicest mixed, extra fine strain, colors vary from rich crimson to delicate pink. Per oz., \$2.00; per pkt., 10c.

Heddewigii. (Japanese Pink). Finest selected; single mixed. Per oz., 75c.; per pkt., 5c.

Fireball. New magnificent, large, double, scarlet. 1 foot. Per oz., \$1.50; per pkt., 10c.

Snow Ball. Extra large, double, pure white 1 foot. Per oz., \$1.50; per pkt., 10c.

Diadematus Double Mixed. Large double flowers, great variation of colors. Edges fringed. 1 foot. Per oz., \$1.25; per pkt., 10c.

Laciniatus Latifolius Double Mixed. Beautifully striped in many colors. 1 foot. Per oz., \$1.25; per pkt., 5c.

Mourning Cloak or White Frill. The flowers are very rich maroon color, margined white. It has a rich clove fragrance. Per oz., \$1.25; per pkt., 5c.

Vesuvius. A beautiful red flower, nearly two

inches in diameter, with petals deeply lacinated. Per oz., \$1.00; per pkt., 10c.

HARDY PERENNIAL VARIETIES.

Highly valued for the great beauty and fragrance of their flowers. These make splendid bushy plants, one to two feet high, for permanent beds and borders.

Plumaris (Grass Pink or Pheasant-eye Pink). A single hardy Pink, with fringe-edged white flowers, with a dark center. Per oz., 40c.; per pkt., 5c.

Plumaris Fl. Pl. Mixed. (Double Pheasant's Eye Pink). Spicy clove fragrance. Double fringed flowers of white, crimson or purple shades, spotted and variegated. Per oz., \$1.50; per pkt., 10c.

Semperflorens. (Everblooming Hardy Garden Pinks). Very beautiful sweet-scented, double, semi-double and single flowers. Per oz., \$1.50; per pkt., 10c.

Digitalis.

Foxglove.

Ornamental plants of stately growth, bearing long spikes of large, showy flowers, running through shades of white, rose, yellow and purple. Fine for shrubberies and half-shady places. Hardy perennial.

Monstrosa Splendid Mixed. Per oz., 75c.; per pkt., 5c.

Gloxinoides Ivory's Spotted. Long spike with large novel and beautiful flowers. Mixed. Per oz., 75c.; per pkt., 10c.

Dracaena.

Decorative plants with long, narrow leaves, suitable for center plants in vases, baskets, etc.

Indivisa. Per oz., 75c.; per pkt., 10c.



ESCHSCHOLTZIA.

Edelweiss.*Gnaphalium Leontopodium.*

The famous Edelweiss of the Alps. The flowers are star-shaped, of downy texture, and pure white, and are sought after as souvenirs. They retain their natural appearance for years. Per pkt., 10c.

Eschscholtzia.*California Poppy.*

An annual of easy culture. Seeds sown early will come into bloom in June and continue until frost.

Californica. Rich yellow with orange center. Per oz., 20c.; per pkt., 5c.

Douglasii. Early-flowering; pure yellow, with deep golden center, glaucous-blue foliage. Per oz., 30c.; per pkt., 5c.

Golden West. Bright yellow with orange center. Per oz., 30c.; per pkt., 5c.

Mandarin. Large; scarlet, inside orange. Per oz., 30c.; per pkt., 5c.

Cross of Malta. Yellow with orange cross in center. Per oz., 30c.; per pkt., 5c.

Hunnemannia. The plants have large buttercup yellow, poppy-like blossoms. Per oz., 50c.; per pkt., 5c.

Finest Mixed. Single. Per oz., 25c.; per pkt., 5c.

Euphorbia.

Marginata Varięgata. (Snow on the Mountain). The leaves are light green and white margined. Per oz., 30c.; per pkt., 5c.

Mexican Fire Plant, or Fire on the Mountain. in habit and appearance resembling the poinsettia. The plants grow 2 to 3 feet high, of branching, bush-like form, with glossy leaves, but about mid-summer become orange-scarlet, presenting a striking and brilliant appearance. Per oz., 75c.; per pkt., 10c.



EUPHORBIA VARIĘGATA.

Feverfew.*Matricaria.*

Free-flowering plants, succeeding in any garden soil; hardy annual, blooming the first season if sown early.

Alba Plenissima Double White. Seeds saved from fine double flowers. 18 inches high. Per oz., 75c.; per pkt., 10c.

Forget-Me-Not.*(See Myosotis.)*

GAILLARDIA—PICTA LORENZIANA.

Gaillardia.

Showy and universally admired annuals, flowering the first year; among the gayest ornaments of summer flower beds.

Amblyodon. Rich blood-red. Annual. Per oz., 50c.; per pkt., 5c.

Picta Lorenziana. A charming profuse double flowering strain; mixed colors. Annual. Per oz., 50c.; per pkt., 5c.

Fine Mixed. Single; annual. Per oz., 75c.; per pkt., 5c.

Grandiflora Sanguinea. Perennial. Rich crimson with yellow border. Per oz., 75c.; per pkt., 10c.

Grandiflora Oculata. New light shades with red centers; very fine hybrids. Perennial. Per oz., 50c.; per pkt., 5c.

Grandiflora Maxima. Golden yellow. Perennial. Per oz., 75c.; per pkt., 5c.

Grandiflora Fine Mixed. Perennial. Per oz., 75c.; per pkt., 5c.

Geranium.

Single Mixed Zonale. Including many varieties. Per pkt., 10c.

Double Mixed Zonale. Excellent quality. Per pkt., 25c.

Pelargonium Zonale. (Lady Washington). Desirable plants for pot culture; the flowers are borne in clusters, are rich and beautifully marked. Per pkt., 25c.

Apple Blossom. Fragrant foliage. Price per pkt., 10c.

Gilia.

Hardy annual. grows in almost any situation; profuse bloomers and fine for beds and rockeries.

Fine Mixed. Per oz., 25c.; per pkt., 5c.

Globe Amaranth.

"Bachelor's Buttons." Garden annuals, forming bushy plants about two feet high and bearing a great many flowers, purple, white, striped, etc.; very desirable "Everlastings."

White. Per oz., 25c.; per pkt., 5c.

Flesh Color. Per oz., 25c.; per pkt., 5c.

Mixed Colors. Per oz., 25c.; per pkt., 5c.

Godetia.

Satin Flower.

Very showy annual, of dwarf, compact growth, bearing large flowers of exquisite colors and shades that glisten in the sun-light like satin.

Lady Albemarle. Carmine, shading to lilac. Per oz., 50c.; per pkt., 5c.

Duchess of Albany. Pure satin white. Per oz., 50c.; per pkt., 5c.

Lady Satin Rose. Glossy rose pink. Per oz., 50c.; per pkt., 5c.

Finest Mixed. Per oz., 25c.; per pkt., 5c.

Gourds.

A very ornamental class of rapid growing climbers. The fruit is of curious shapes, sizes and colors. All are hard shelled and will keep indefinitely.

Nest Egg. A capital nest egg. Produces fine white fruits, egg shaped. Per oz., 30c.; per pkt., 5c.

Orange. Dark yellow and orange shaped. Per oz., 30c.; per pkt., 5c.

Lemon. Light yellow and lemon shaped. Per oz., 30c.; per pkt., 5c.

Hercules Club. Club shape. Grows 4 to 6 ft. in length. Per oz., 30c.; per pkt., 5c.

Dipper. Used as a dipper. Oz., 30c.; per pkt., 5c.

Dish Cloth. A vegetable dish cloth; tough and elastic. Fruit 2 ft. in length. Oz., 30c.; per pkt., 5c.

Sugar Trough. This variety grows to a large size. Per oz., 30c.; per pkt., 5c.

Calabash or Pipe Gourd. Grown extensively for use in making pipes. Per pkt., 10c.

Bottle. Resembles a bottle. Oz., 30c.; per pkt., 5c.

Gooseberry. The smallest gourds. Oz., 30c.; per pkt., 5c.

Fancy and Ornamental. Small mixed varieties. Per oz., 25c.; per pkt., 5c.

Large Mixed. Large sized varieties. Per oz., 25c.; per pkt., 5c.

Turk's Turban. Striped mixed. Per oz., 25c.; per pkt., 5c.



BRIZA MAXIMA.



COIX LACHRYMAE.

Grasses--Ornamental.

For winter decoration these are very beautiful and should be cut before they are thoroughly ripe. Transplant as soon as they can be handled. This will allow them to develop their character.

Avena Sterilis. (Animated Oats). Long, drooping panicles. Per oz., 25c.; per pkt., 5c.

Briza Maxima. (Quaking Grass). Per oz., 25c.; per pkt., 5c.

Bromus Brizaeformis. One of the best grasses for dried bouquets. Per oz., 15c.; per pkt., 5c.

Coix Lachrymae. (Job's Tears). Per oz., 20c.; per pkt., 5c.

Eragrostis Elegans. (Love Grass). Per oz., 20c.; per pkt., 5c.

Eulalia. (Japonica Variegata). Commonly known as Ribbon Grass; long green leaves, striped white; fine for groups. Per pkt., 5c.

Gynerium Argenteum. (Pampas Grass). Per oz., 30c.; per pkt., 5c.

Stipa Pennata. (Feather Grass). Indispensible in grass bouquets. Per oz., 30c.; per pkt., 5c.

Gypsophila. Baby's Breath.

Delicate free-flowering plants covered with a profusion of fine star-shaped flowers.

Gypsophila Paniculata. Sprays of delicate little white flowers. Hardy. Per oz., 50c.; per pkt., 5c.

Grandiflora Alba. Improved large flowering. Pure white. Per oz., 30c.; per pkt., 5c.

Muralis. Pink flowered. annual. Per oz., 50c.; per pkt., 5c.

Elegans. Mixed, annual. Per oz., 30c.; per pkt., 5c.

Helichrysum. Straw Flower.

Bright and attractive summer blooming annuals of free growth and producing in abundance large double red, white and yellow flowers, valuable as an "Everlasting."

Yellow. Per oz., 25c.; per pkt., 5c.

Fireball. Per oz., 50c.; per pkt., 5c.

White. Per oz., 25c.; per pkt., 5c.

Monstrosum Mixed Large Flowering. Double. Per oz., 50c.; per pkt., 5c.

Heliotrope.

A half-hardy perennial, flowering during the whole season; deliciously fragrant and a splendid bedding plant. Seeds sown in the spring will make fine plants for summer blooming.

Queen Marguerite. Dark blue. Of robust growth, and produces flower clusters double the size of the old sort; very fragrant. Per 1/4-oz., \$1.00; per pkt., 10c.

Large Flowering Mixed. All colors of the regular type. Per 1/8-oz., 30c.; per pkt., 5c.



DOUBLE HELIANTHUS or SUNFLOWER.

Helianthus or Sunflower.

Tall growing plants, with large and showy yellow flowers. Hardy annuals.

SINGLE VARIETIES.

Miniature. (*Cucumerifolia*). Bushy habit, profuse in its bloom of small bright yellow, black centered flowers. Per oz., 50c.; per pkt., 5c.

Stella. Branching habit. Flowers from two to three inches in diameter, with black centers. Per oz., 50c.; per pkt., 5c.

Orion. The effective new variety of Stella strain; petals twisted like a cactus dahlia. Per oz., 75c.; per pkt., 10c.

Argyrophyllus. Handsome plants usually about 4 feet high, silvery foliage, flowers small, with dark centers. Per oz., 25c.; per pkt., 5c.

Mammoth Russian. Grows 8 to 12 feet high, bearing single heads measuring from 15 to 18 inches in diameter. Per oz., 10c.; per pkt., 5c.

DOUBLE VARIETIES.

Californicus. Very fine, double, golden yellow. 5 feet. Per oz., 20c.; per pkt., 5c.

Globosus Fistulosus. Flowers large and a rich saffron color. 6 ft. Oz., 20c.; per pkt., 5c.

Hibiscus. *Marshmallow.*

Showy ornamental annuals and perennials, for mixed beds or shrubby borders, having large-sized, beautifully-colored flowers; blooms the first year if sown early.

Palustris. Large pink flowers. Oz., 50c.; per pkt., 5c.

Moscheutos. Flowers a light rosy red, with dark centers, 6 in. diam. Oz., 50c.; per pkt., 5c.

Crimson Eye. Flowers of largest size, pure white, with a large spot of velvety crimson in the center. Per oz., 50c.; per pkt., 5c.

Giant Yellow or Golden Bowl. Large petaled flowers from 6 to 9 inches in diameter; of a rich cream, with a velvety maroon center. The plants commence to bloom early and continue until frost. Per oz., 60c.; per pkt., 10c.

Hyacinth Bean.

Dolichos.

An annual climber, producing clustered spikes of purple and white flowers, followed by exceedingly ornamental seed pods.

Daylight. Large wistaria-like racemes of snow-white, sweet-scented flowers, followed by silvery-white seed pods. Per oz., 25c.; per pkt., 5c.

Darkness. Similar to above, except in color, which is a rich purple-violet. Oz., 25c.; per pkt., 5c.

Lablab Mixed. Per oz., 15c.; per pkt., 5c.

Hollyhock.

For majestic growth and massive beauty the hollyhock stands unrivaled. Flowers very large, perfectly double, and of great variety of color.

Dark Crimson. Per ¼-oz., 40c.; per pkt., 10c.

Bright Pink. Per ¼-oz., 40c.; per pkt., 10c.

Salmon Rose. Per ¼-oz., 40c.; per pkt., 10c.

Sulphur Yellow. Per ¼-oz., 40c.; per pkt., 10c.

Light Yellow. Per ¼-oz., 40c.; per pkt., 10c.

White. Per ¼-oz., 40c.; per pkt., 10c.

Fine Double Mixed. Per ½-oz., 50c.; per pkt., 5c.

Extra Choice. Double Mixed. Chaters strain. Per ½-oz., 30c.; per pkt., 10c.

"Allegheny" Mixed. Mammoth flowers, wonderfully formed of loosely arranged fringed petals. Per ¼-oz., 30c.; per pkt., 10c.

Single and Double Mixed. Annual, perpetual flowering, present a handsome appearance when covered with their artistic blossoms. Per ½-oz., 50c.; per pkt., 5c.

Humulus.

Japanese Hop.

Japonica. The foliage is very dense, and in color a lively green. Per oz., 75c.; per pkt., 5c.

Variegated. A variegated variety with green and white leaves. Per oz., 75c.; per pkt., 5c.

Ice Plant.

Suitable for rock work, hanging baskets, etc. Foliage thick, flowers frosted, wax-like.

Mesembryanthemum. Per oz., 25c.; per pkt., 5c.

Impatiens.

Sultani. Brilliant rosy-scarlet. Per pkt., 15c.

Holstii Hybrids. Strong bushy plants, about 2 ft. high; covered with flowers throughout the season. When grown as a pot plant they bloom the year round. Mixed. Per pkt., 15c.

Ipomea.

This is a rapid and luxuriant summer climber, profuse in its blooms of large, beautiful flowers, and invaluable.

Imperial Japanese. Handsomest of all Morning Glories. The flowers are of gigantic size, and the coloring beyond description, ranging from snow-white to black-purple. Mixed. Per oz., 25c.; per pkt., 5c.

Rubra Coerulea. (Heavenly Blue). Immense flowers of bright sky-blue. Per oz., 75c.; per pkt., 10c.

Bona Nox. (Evening Glory). Large, blue, fragrant flowers. Per oz., 25c.; per pkt., 5c.

Grandiflora. (Moon Flower). At night and during dull days the plants are covered with an abundance of large, pure-white, fragrant flowers, 5 to 6 inches in diameter. Grows very rapidly. Per oz., 75c.; per pkt., 10c.

Coccinea. (Star Ipomea). Small scarlet flowers. Per oz., 25c.; per pkt., 5c.

Kenilworth Ivy.

Linaria Cymbalaria.

A violet flower, neat, hardy perennial trailing plant, suitable for baskets, vases and rock work. Oz., \$1.50; pkt., 10c.



LATHYRUS.

Kochia.

Summer Cypress.

Tricophylla. An easily-grown annual with perfect symmetry. It is a lively green, but on the approach of autumn the whole plant becomes a bright scarlet, making in all a very desirable plant. During the summer it obtains a height of about 3 feet. Per oz., 75c.; per pkt., 10c.

Kudzu Vine.

Pueraria Thunbergiana.

A twining vine of remarkably rapid growth, attaining a length of 40 to 50 feet in one season. Hardy, though the vine dies down every winter. Foliage large and lobed, purple pea-shaped flowers in clusters. A fine vine for arbors, verandas, etc. Per oz., \$1.00; per pkt., 10c.

Lantana.

A most desirable half-hardy, greenhouse or bedding plant, constantly in bloom; verbena-like heads of orange, white, rose and other colored flowers.

Finest Mixed. Per oz., 50c.; per pkt., 10c.

Larkspur Annual.

Delphinium.

Beautiful, hardy annuals, producing dense spikes of flowers, which are very ornamental, either in the garden or when cut for vases. Set 10 inches apart.

Double Stock-flowered. Tall branching, finest mixed. Per oz., 50c.; per pkt., 5c.

Emperor, Double. Finest Mixed. Very beautiful long spikes of flowers in the most delicate colors. Per oz., 50c.; per pkt., 5c.

Giant Hyacinth-flowered. An improved type. Per oz., 50c.; per pkt., 5c.

Tall Rocket, Double Mixed. Showy. Per oz., 50c.; per pkt., 5c.

Dwarf Rocket, Double Mixed. Per oz., 50c.; per pkt., 5c.

Lathyrus.

Everlasting Pea.

Showy, free-flowering plant, very ornamental on trellis work. Blooms excellent for cutting. Hardy perennial.

	Oz.	Pkt.
Latifolius, White	50c.	10c.
Latifolius, Pink Beauty	50c.	10c.
Latifolius, Scarlet	50c.	10c.
Mixed	40c.	10c.

Lavender.

Lavender Vera.

Slender spikes of lavender flowers, very fragrant. Hardy perennial. Per ¼-oz., 25c.; per pkt., 5c.



Linum.

Flowering Flax.

A showy bedding plant of the flax family, having brilliant flowers of various colors, borne on slender stems, with fine foliage. Hardy annual.

Grandiflorum Coccineum. Annual; bright scarlet. Per oz., 25c.; per pkt., 5c.

Perrene. Light blue hardy. Perennial. Per oz., 50c.; per pkt., 5c.

Flavum. Golden yellow. Perennial. Per oz., \$1.00; per pkt., 10c.

Mixed. Perennial; white and blue. Per oz., 50c.; per pkt., 5c.

Lobelia.

The following dwarf and trailing varieties of this popular and beautiful flowering plant are desirable for pot culture, edgings, hanging baskets, etc., blooming profusely from June to November. Half-hardy annual.

ERINUS VARIETIES for Baskets, Vases, Etc. Six to nine inches.

Alba. Pure white. Per oz., 75c.; pkt., 5c.

Gracilis. Light blue; long slender, trailing stems. Per oz., 75c.; per pkt., 5c.

Mixed. Contains many sorts. Per oz., 50c.; per pkt., 5c.

COMPACTA VARIETIES for Edgings, Etc., Four to six inches.

Emperor William. Compact, bright blue. Per ¼-oz., 50c.; per pkt., 10c.

White Gem. Pure white. Per ¼-oz., 75c.; per pkt., 5c.

Crystal Palace. Dark blue; fine for bedding. Per ⅛-oz., 50c.; per pkt., 5c.

Prima Donna. Dwarf, bushy plants, with rich velvety crimson maroon flowers. Per ¼-oz., 50c.; per pkt., 10c.

Mixed Varieties. Per oz., 25c.; per pkt., 5c.

Lupinus.

Many of the varieties are of a stately, robust growth, valuable for mixed flowers and shrubbery borders.

Annual Mixed. Rich and various colored pea-shaped flowers. Two feet. Per oz., 20c.; pkt., 5c.

Perennial Mixed. Hardy perennial varieties, in blue and white mixed. Per oz., 20c.; pkt., 5c.

Lychnis.

Viscaria. Rosy-lilac. 2 ft. Per oz., 35c.; per pkt., 5c.

Haageana. Brilliant orange, scarlet, crimson, etc. Per oz., \$1.00; per pkt., 10c.

Maurandia.

Beautiful, rapid-growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse. A half-hardy perennial, flowering the first season if sown early; 10 feet.

Barclayana. Purple. Per oz., \$1.50; pkt., 10c.

Mixed. All colors. Per oz., \$1.50; pkt., 10c.

Marigold.

A popular hardy annual of vigorous growth, producing a magnificent display of yellow, orange and maroon flowers.

AFRICAN VARIETIES.

Orange Prince. A splendid new rich orange sort. Per oz., 75c.; pkt., 10c.

Lemon Queen. Another fine new variety; clear lemon-yellow. Per oz., 75c.; per pkt., 10c.

Pride of the Garden. Immense flowers, densely double. Color, golden-yellow. A feature of this variety is the compact, dwarf habit of the plant, which forms dense bushes 15 to 18 inches high. Per oz., 75c.; per pkt., 10c.

El Dorado. Flowers very large, imbricated and extremely double. All shades of yellow. Per oz., 40c.; per pkt., 5c.



MARIGOLD—DOUBLE TALL AFRICAN.

Large African. Double, orange and lemon mixed, 2 to 3 feet. Per oz., 30c.; per pkt., 5c.

FRENCH VARIETIES (Dwarf).

Legion of Honor. A dwarf single variety. Blooms early and until late in the fall. Flowers rich golden yellow, marked velvety brown. Per oz., 30c.; per pkt., 5c.

Dwarf, Golden Striped. Velvety maroon, striped gold. Per oz., 30c.; per pkt., 5c.

Double French Marigold Mixed. Per oz., 25c.; per pkt., 5c.

Marvel of Peru.

Four O'Clock.

Of branching habit, bearing hundreds of flowers during the season, of white, yellow, crimson and violet; some varieties combining two or more of these colors. Two feet.

Marvel of Peru or Four O'Clock. Mixed. Per oz., 15c.; per pkt., 5c.

Variiegated Foliage. Mixed. Per oz., 15c.; per pkt., 5c.

Mignonette.

A hardy annual, producing dense spikes of exceedingly fragrant flowers. If sown at intervals in spring and early summer it will bloom until killed by frost.

Reseda Odorata. Improved, large flowering. Sweet scented. Per oz., 15c.; per pkt., 5c.

Parson's White. Large spikes, pure white, very fragrant. Per oz., 50c.; per pkt., 5c.

Miles' Hybrid Spiral. Produces flower spikes from 8 to 10 inches in length. Very fragrant. Per oz., 25c.; per pkt., 5c.

Machet. Golden yellow. An excellent variety for general uses. Per oz., 75c.; per pkt., 5c.

Golden Queen. Color distinct, very sweet. Per oz., 50c.; per pkt., 5c.



MIGNONETTE.

Red Goliath. Immense spikes of double red flowers. Per ¼-oz., 50c.; per pkt., 10c.

Allen's Defiance. When grown under favorable conditions its spikes attain a size of 12 to 15 inches in length. Price per ¼-oz., 25c.; per pkt., 10c.

Mimosa.

Sensitive Plant.

Pudica. Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken. 1½ ft. Per oz., 50c.; per pkt., 5c.

Mimulus.

Monkey Flower.

Bushy plants one foot high. Flowers various shades of yellow, spotted and marked crimson.

Tigrinus. Mixed and spotted varieties. Per ¼-oz., 40c.; per pkt., 5c.

Moschatus. (Musk Plant). Foliage emits a strong musky perfume; flowers canary yellow. Per ¼-oz., 40c.; per pkt., 5c.

Mina.

Lobata. Half-hardy, climbing annual. The buds are red, but turn to orange-yellow before they open. The flowers are of a creamy white. Per oz., \$1.00; per pkt., 10c.

Sanguinea. Flowers blood-red, with yellow throat. Price per oz., 50c.; per pkt., 5c.

Moon Flower.

(See *Ipomea*).

Mormordica.

Annual climbers, with ornamental foliage, fruit golden yellow, warted, and when ripe, opens, showing the seeds and its brilliant carmine interior. Height, 10 to 15 feet.

Balsamina. Apple-shaped fruit. Per oz., 30c.; per pkt., 5c.

Charantia. Pear-shaped fruit. Per oz., 30c.; per pkt., 5c.

Morning Glory.

(See *Convolvulus* and *Ipomea*).

Myosotis.

Forget-Me-Not.

A well-known plant, bearing clusters of star-like flowers, best adapted to moist situations, though growing in almost any soil. Half-hardy perennial.

Alpestris Coerulea. Sky blue. Per ¼-oz., 25c.; per pkt., 5c.

Alpestris Alba. Pure white. Per ¼-oz., 25c.; per pkt., 5c.

Robusta Grandiflora. (Eliza Founrobert). Large flowering, bright blue. Per ¼-oz., 30c.; pkt., 5c.

Dissitiflora. Large flowering, dark blue (the true forget-me-not). Per ¼-oz., 50c.; pkt., 10c.

Palustris Sempervirens. A dwarf Forget-me-not, always in bloom. Blue, 6 to 8 in. Per ⅛-oz., 25c.; per pkt., 10c.

Rupicola. Sky blue, quite dwarf, excellent for pots. Per ⅛-oz., 50c.; per pkt., 10c.

Myrsiphyllum.

(See *Smilax*).

Nigella.

Love in a Mist, or Devil in a Bush.

A compact, free-flowering plant, with finely cut foliage, curious flowers and seed pods. Hardy annual. One foot.

Damascena. Blue and white mixed. Price per oz., 25c.; per pkt., 5c.

Miss Jekyll. A beautiful variety with cornflower-blue blossoms; excellent for cutting. Per oz., 75c.; per pkt., 10c.

Nicotiana.

Desirable plants of the tobacco family, valuable for their long duration and freedom of bloom. Half-hardy annuals.

Affinis. Flowers large, white, fragrant, and fully expanded in evening or cloudy days. Per oz., 75c.; per pkt., 5c.

Sanderae Hybrid. A splendid type in a great variety of colors. Per oz., \$1.00; per pkt., 10c.

Giant Red Flowered. The foliage is luxuriant; surmounted with crimson flowers. They grow rapidly, and continue until cut by frost. Per oz., 75c.; per pkt., 5c.

Nemophila.

A charming class of dwarf-growing, free-flowering hardy annuals of spreading habit.

Marginata. Azure blue, edged with white. Per oz., 25c.; per pkt., 5c.

Maculata. White, spotted with deep violet. Per oz., 25c.; per pkt., 5c.

Finest Mixed Colors. Per oz., 25c.; pkt., 5c.

SELECT
NASTURTIUMS**Nasturtium.***Tropaeolum.*

Plants of great beauty, blooming throughout the summer and fall, and in the greenhouse during the winter. The tall varieties make good covering for walls and trellises. The compact growth and rich colored flowers of the dwarf varieties make them desirable for bedding plants.

DWARF VARIETIES.

Aurora. Cream yellow, veined with carmine. Per oz., 10c.; per pkt., 5c.

Beauty. Yellow, striped with red. Per oz., 10c.; per pkt., 5c.

Golden Queen. Yellow foliage with golden yellow flowers. Per oz., 10c.; per pkt., 5c.

Cloth of Gold. Scarlet flowers with golden yellow foliage. Per oz., 10c.; per pkt., 5c.

Empress of India. Very dark green foliage; flowers bright crimson. Per oz., 10c.; per pkt., 5c.

Crystal Palace Gem. Sulphur yellow, spotted maroon. Per oz., 10c.; per pkt., 5c.

King of Tom Thumbs. Intense scarlet. Per oz., 10c.; per pkt., 5c.

King Theodore. Deep maroon flowers and dark foliage. Per oz., 10c.; per pkt., 5c.

Lady Bird. Golden yellow, striped and spotted with bright red, dark leaved. Per oz., 10c.; per pkt., 5c.

Pearl. Creamy white. Per oz., 10c.; per pkt., 5c.

Rose. Dark pink. Per oz., 10c.; per pkt., 5c.

Golden King. Pure bright yellow. Per oz., 10c.; per pkt., 5c.

Mixed. All colors. Per lb., 85c.; per ¼-lb., 25c.; per oz., 10c.; per pkt., 5c.

Collection 12 dwarf varieties; 1 pkt. each for 50c.; 1 oz. each for \$1.00.

TALL VARIETIES.

King Theodore. The deepest and richest dark crimson nasturtiums, having a soft, velvety texture. Per oz., 10c.; per pkt., 5c.

Jupiter. Mammoth flowers; of a rich golden yellow. Per oz., 10c.; per pkt., 5c.

Vesuvius. A most desirable variety with flowers of a salmon rose. Per oz., 10c.; per pkt., 5c.

Schulzi. A rich scarlet; dark leaved. Per oz., 10c.; per pkt., 5c.

Moonlight. Large flowers of clear, pale lemon color. Per oz., 10c.; per pkt., 5c.

Twilight. Very large flowers of delicate salmon, marked with rose. Per oz., 10c.; per pkt., 5c.

Butterfly. Light yellow, marked with red. Per oz., 10c.; per pkt., 5c.

Queen Varieties, Mixed. This class is distinct, having variegated leaves of white, green and yellow; flowers of various colors. Per oz., 15c.; per pkt., 5c.

Ivy Leaved. Mixed colors. Comes nearly true from seed. Per oz., 15c.; per pkt., 5c.

Collection one pkt. each of the above nine varieties Nasturtiums, postpaid, 35c.; one ounce of each for 85c.

Mixed Tall Varieties. Per lb., 80c.; per ¼-lb., 25c.; per oz., 10c.; per pkt., 5c.

Lobbianum Nasturtium.

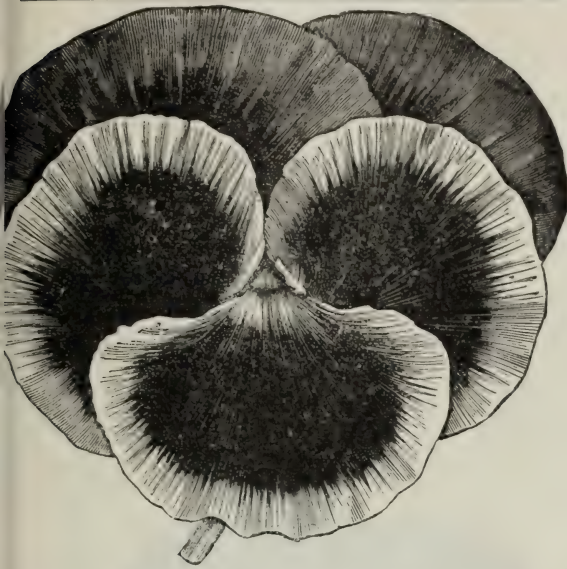
There is little difference between these and the tall Nasturtiums. They are especially rich in the red shades, flower even freer, grow to the same height.

Brilliant. Rich geranium scarlet. Per oz., 15c.; per pkt., 5c.

Golden Queen. New; orange-yellow. Per oz., 15c.; per pkt., 5c.

Asa Gray. Cream white. Per oz., 15c.; per pkt., 5c.

Finest Mixed. Per oz., 15c.; per pkt., 5c.



TYPE OF GIANT TRIMARDEAU PANSY.

Pansy.

Heartsease.

The pansy stands alone in a class by itself. It is a flower that every lady admires and wants, if she has any place to raise them. We have a choice collection of superb varieties, which contains all the markings known to pansy growers. For spring flowers, sow seed in August and protect during the winter. Half-hardy perennial.

Platt's Superlative Mixed. This is the very richest mixture of giant varieties, containing the choicest sorts grown by foremost specialists, combined by us to secure the result of their skill and widest variation in one mixture. To those wishing such there is no better seed obtainable. Per oz., \$7.00; per pkt., 25c.

Mette's Triumph. Plants of robust growth, surmounted by imposing five-spotted flowers of enormous size. Petals undulated and overlapping each other, making them appear almost double. Flowers are very brilliant, also including the new shades of red and brown. Per oz., \$10.00; per pkt., 25c.

Bugnot's Superb Striped and Blotched. A very beautiful class, large flowers, the two upper petals usually finely veined, the lower with broad blotches in wide variety of handsome and rare colors. Per oz., \$5.00; per pkt., 15c.

Masterpiece. A distinct type of extra large size, having undulated petals, making it appear double. Mixed colors. Per oz., \$4.00; pkt., 25c.

Giant Madame Perret. A new mammoth strain, producing faultless flowers of rose, ruby and wine shades on white ground. Per oz., \$2.00; per pkt., 15c.

Parisian Giant. Stained. Trimardeau type. Many beautiful shades and colorings. Mostly white ground and five spotted. Per oz., \$2.00; per pkt., 15c.

Orchid Flowered. A distinct and beautiful strain of Pansy, having delicate tints and soft shades of colors. Per oz., \$2.00; per pkt., 15c.

Giant Trimardeau. Pansies are very much improved in every respect over the older sorts of same name.

Trimardeau Mixed, or Giant Pansies. Of strong, robust growth, well-formed flowers, large size and great variety of color; finest strain. Per ¼-lb., \$4.50; per oz., \$1.50; per pkt., 10c.

Choice Mixed. Large flowered and excellent mixture. Per ¼-lb., \$2.50; per oz., 75c.; pkt., 5c.

Fine Mixed. Consisting of all colors, though not large flowered as above, inclined to be more free flowering; fine for large beds. Per ¼-lb., \$2.00; per oz., 50c.; per pkt., 5c.

Lord Beaconsfield. Giant Trimardeau. Deep purple-violet, shading to white on the upper petals, very effective. Per oz., \$1.75; pkt., 10c.

King of the Blacks. Giant Trimardeau. Almost coal black. Per oz., \$1.75; per pkt., 5c.

Emperor William. Giant Trimardeau. Ultramarine blue, with purple violet eyes. Per oz., \$1.75; per pkt., 10c.

Peacock Blue. Giant Trimardeau. Rich velvety blue, white edge. Per oz., \$1.75; pkt., 10c.

Light Blue. Giant Trimardeau. Beautiful sky blue. Per oz., \$1.75; per pkt., 10c.

Golden Queen. Giant Trimardeau. Large and fine for bedding. Per oz., \$1.50; per pkt., 10c.

Snow Flake. Giant Trimardeau. Pure satiny-white; very fine. Per oz., \$1.75; per pkt., 10c.

Red Victoria. Wine color; very fine. Per oz., \$1.25; per pkt., 10c.



PANSY, METTE'S TRIUMPH.

Passiflora.
Passion Flower.

Indispensable climbing plants for the garden or greenhouse, bearing a profusion of attractive flowers.

Coerulea. Blue. Per oz., 75c.; per pkt., 10c.

Petunia.

The brilliancy and variety of its colors, combined with the duration of its blooming period render it invaluable. The plants are of easy culture and thrive well in any good garden soil.

Platt's Superb Large-flowering. Fringed; saved from finest flowers; of very large size and beautiful shape, deep-throated and of varied and brilliant colors. Per pkt., 25c.

California Giants. The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc. Pkt., 15c.

Howard's Star. A beautiful free-flowering strain, color crimson-maroon with a clearly defined five-pointed star of bluish white. Per oz., \$2.00; per pkt., 15c.

Striped and Blotched. A good strain of the small-flowering type; fine for massing. Per ¼-oz., 30c.; per pkt., 10c.

Snowball. Pure white flowers, on compact plants. Very fine. Per ¼-oz., 30c.; per pkt., 10c.

Ruffled Fringed Giant. Large flowers comprising all the desirable colors with ruffled and fringed edging. Per pkt., 15c.

Double Mixed. Large-flowering, fringed; saved only from the very choicest pot-grown plants. Double petunia does not come true from seed. This strain will produce 30 to 35 per cent double flowering plants, which is a high per cent. The weaker plants should be carefully saved, as they usually produce the finest double flowers. Per pkt., 25c.

Hybrida Fine Single Mixed. Very rich mixture for bedding. Per oz., 75c.; per pkt., 5c.

Phlox.

This splendid genus of plants is unrivaled for richness of color, profusion of blossoms, length of duration in bloom, and whether in clumps or masses, looks equally beautiful.

Grandiflora.

Those of the Grandiflora type are largest flowered and grow about 15 inches high.

Alba. Pure white, extra large. Per oz., 75c.; per pkt., 5c.

Brilliant Scarlet. Per oz., 75c.; pkt., 5c.

Vivid Crimson. Large, white eye. Per oz., 75c.; per pkt., 5c.

Violecea Alba-Oculata. Violet with white eye. Per oz., 75c.; per pkt., 5c.

Large Yellow. A very fine color. Per oz., 75c.; per pkt., 5c.

Grandiflora Splendid Mixed. Includes all of the above and many other shades and colors. Per oz., 60c.; per pkt., 5c.

Star of Quedlinburgh. Star-shaped Phlox of dwarf habit, with very pretty flowers, mixed colors. Per oz., 75c.; per pkt., 10c.

Double Flowering.

Flowers are double and semi-double, and last much longer than those of the Single Phlox. The white is especially valuable as a cut flower.

Red. Per oz., \$2.00; per pkt., 10c.

White. Per oz., \$1.00; per pkt., 10c.

Bright Scarlet. Per oz., \$2.00; per pkt., 10c.

Yellow. Per oz., \$1.00; per pkt., 10c.

Mixed. Per oz., \$1.50; per pkt., 10c.

Dwarf Phlox.

Phlox Drummondii Nana Compacta.

These are the best for ribbon bedding or borders. The plants grow very symmetrically in neat little bushes about eight inches high; covered with flowers during the whole summer and fall.

Snowball. Flowers pure white; the plants resemble large snowballs when in full bloom. Per oz., \$3.00; per pkt., 10c.

Fireball. Glowing, brilliant scarlet. Per oz., \$2.00; per pkt., 10c.

Violecea. Deep violet. Per oz., \$2.50; per pkt., 10c.

Dwarf Phlox, Mixed. Per oz., \$2.00; pkt., 10c.

Hardy Perennial Phlox. One of the finest for hardy border; this seed is from the new large-flowered Grandiflora; height, 3 to 3½ feet. Per oz., \$2.00; per pkt., 10c.



Poppies.

Well-known hardy annuals and perennials, flowering in profusion throughout the summer. The brilliant colorings of the poppy family, both single and double, varying as they do from the most intense scarlet down through the whole range of coloring to the delicate pink, yellow and white, make them indispensable in the flower garden.

The Shirley. Finest Mixed. A beautiful type and a great variety of colors, from pure white and delicate pink to deep crimson and beautifully striped. A most charming variety. 2 feet. Per oz., 50c.; per pkt., 5c.

Santa Rosa. Burbank's Improved Shirley. Wonderful number of shades, crimped petals. Per oz., \$1.00; per pkt., 10c.

Scarlet Field. Brilliant scarlet. 2 feet. Per oz., 40c.; per pkt., 5c.

Danebrog or Danish Cross. Large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross. Per oz., 25c.; per pkt., 5c.

Tulip Flowered. Bright scarlet flowers borne well above the foliage. The petals form a tulip-shaped cup and after a time black spots appear at the base of each petal. Hardy annual. 1 foot. Per oz., 50c.; per pkt., 5c.

The Bride. Pure white. 2 ft. Per oz., 25c.; per pkt., 5c.

Poppies—Continued.

Mephisto. Scarlet, violet spotted. 2 ft. Per oz., 30c.; per pkt., 5c.
Umbrosium. (Caucasian Poppy). Crimson, black spotted. 2 ft. Per oz. 30c.; pkt., 5c.
Mikado. Double white striped crimson. 2 ft. Per oz., 30c.; per pkt., 5c.
Double Carnation Flowered. Finest mixed. 2 ft. Per oz., 20c.; per pkt., 5c.
Peony Flowered. Flowers of the largest size and peony shaped. Finest mixed. 2 ft. Per oz., 20c.; per pkt., 5c.
Fine Mixed. Single. Per oz., 20c.; pkt., 5c.
HARDY PERENNIAL VARIETIES.
Ornamental Hybrids. Mixed. Per oz., \$1.50; per pkt., 10c.
Ornamental Royal Scarlet. Per oz., \$1.50; per pkt., 10c.
Bracteatum. Orange-scarlet. Per oz., 50c.; per pkt., 5c.
Nudicaule Hybrids Mixed. (Iceland Poppy). If sown early in spring will bloom first season. The delicate form and bright colors make them especially desirable as a border plant. Hardy perennial. 1 ft. Per oz., 75c.; per pkt., 10c.

Physalis Francheti.

Chinese Lantern Plant or Winter Cherry.

Fruit is large, deep red in color, edible and enclosed in large, balloon-shaped husks of brilliant orange red. Hardy annual. Per oz., 75c.; per pkt., 10c.



Portulaca.

These brilliant and popular hardy annuals are of the easiest culture, luxuriant in an exposed sunny situation, and producing throughout the summer their various colored flowers in the greatest profusion.

Golden Striped. Straw color with golden or orange stripes. Single. Per oz., 50c.; pkt., 5c.
Alba. Single. Clear white. Oz., 50c.; pkt., 5c.
Pink. Delicate pink shade; single. Per oz., 30c.; per pkt., 5c.
Splendens. Single, crimson. Per oz., 50c.; per pkt., 5c.
Splendid Mixed Single. Per oz., 40c.; pkt., 5c.
Large Flowering, Double Mixed. Large per cent flowers perfectly double, making a gorgeous display, remaining open all day. Per oz., \$3.00; per pkt., 10c.

Primula.

Chinese Primrose.

A beautiful flowering plant for winter or spring decorations in the home or conservatory.
Alba Magnifica. Finest fringed, yellow eye, pure white, of great substance, very beautiful. Per pkt., 25c.
Aurora. Beautifully fringed; delicate pink. Per pkt., 25c.
Sedina. 1912 novelty, deserves special attention. Great profusion of large fringed flowers of a brilliant carmine rose. Per pkt., 25c.
Stellata. A very pretty form with large heads of star-shaped flowers of various colors. Per pkt., 25c.
Single Flowering. Finest fringed varieties mixed. Per pkt., 25c.
Fern-Leaved. Finest mixed. Per pkt., 25c.

Primula Obconica.

A profuse bloomer, bearing long stems with heads of ten or twelve flowers.
Hybrids, Giant Mixed. Per pkt., 25c.
Obconica Frimbriata Gigantea. A fringed variety. Per pkt., 25c.

Polyanthus.

Primula Elatior.

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials. Nine inches.
Polyanthus, English. The best single, all colors mixed. Per oz., \$2.00; per pkt., 10c.

Hardy Primroses.

These are among the best of the early spring blooming plants. With a slight protection they will stand the winter, but do better if protected by a cold frame.
Primula Japonica (Japanese Primrose). Mixed colors. Bright and showy flowers, borne in whorls on stems six to nine inches long. Per oz., \$2.00; per pkt., 10c.
Floribunda. Yellow fringed variety. Price per pkt., 25c.
Primula Auricula. (See Auricula). Price per pkt., 20c.

Pyrethrum.

Handsome herbaceous plants of easy culture. **P. Aureum** is the well-known Golden Feather, so much used for carpet bedding, edging, etc. From the flowers of **P. Roseum** is obtained the Persian insect powder. **P. Hybridum** and varieties are among the handsomest of hardy flowering herbaceous plants.
Grandiflorum Aureum. (Golden Feather). Bright yellow foliage. Per oz., 75c.; per pkt., 5c.
Hybridum Grandiflorum. Large-flowering, single mixed. Hardy perennial, ranging in color from light pink to deep red, with bright yellow centers. Per oz., \$2.00; per pkt., 10c.
Hybridum. Double mixed. Large flowers resembling China Aster, only more refined. Per 1/8-oz., \$2.50; per pkt., 25c.

Rhodanthe.

Everlasting or Straw Flower.

Garden annual, 1 foot high, flowering early and continuously. The flowers are of various colors.

Mixed Colors. Single. Per oz., 50c.; per pkt., 5c.

Mixed Colors. Double. Per oz., \$1.50; per pkt., 10c.

Ricinus.

Castor Oil Bean.

Large, luxuriant, rapid-growing foliage, annual, with palm-like leaves; much used for subtropical effects on the lawn, or for centers of beds of foliage plants.

Zanzibarensis. The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green, with reddish ribs; six to ten feet. Price per oz., 15c.; per pkt., 5c.

Cambogiensis. Leaves of a bronzy red maroon color, with large, red veins. Price per oz., 20c.; per pkt., 5c.

Borboniensis. Grows very large and rank; foliage green; 15 feet. Per oz., 15c.; per pkt., 5c.

Gibsonii. Red foliage and stems; 5 feet. Per oz., 15c.; per pkt., 5c.

Finest Mixed. Per oz., 10c.; per pkt., 5c.

Rudbeckia.

Cone Flower.

These robust-growing plants are fine free-flowering annuals. Of very easy culture.

Bicolor. An annual variety; bright yellow with black-purple center. Per oz., 50c.; pkt., 5c.

Neumani. Perennial; grows two feet; large golden-yellow flowers, with velvety maroon center cone. Per oz., \$1.50; pkt., 10c.

Salpiglossis.

Annual, about 18 inches high, bearing throughout the season, large flowers of many beautiful colors, all exquisitely veined and laced.

	¼-oz.	Pkt.
Grandiflora Purple with Gold.....	50c.	10c.
Superbissima Rosea	75c.	10c.
Superbissima Brown and Gold...	75c.	10c.
Superbissima Brilliant Crimson...	75c.	10c.
Superbissima Large Flowering		
Mixed	50c.	10c.

Salvia.

Flowering Sage.

Splendid ornamental plants for outdoor decorations, their beautiful spikes of brilliant scarlet and blue flowers being produced in great profu-

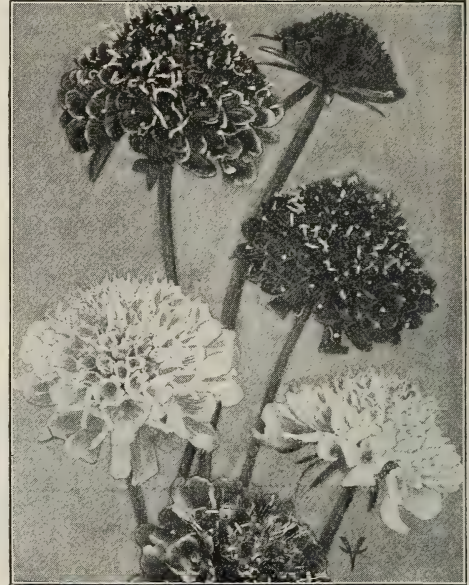
sion, from July until October. Half-hardy annual.

Splendens. Scarlet, free bloomer. Price per oz., \$1.50; per pkt., 10c.

Splendens "Bonfire." (Nana Compacta Erecta). Growing in a compact bush about two feet high. Its erect spikes of flowers of brilliant scarlet stand clear above the dark green foliage, and completely cover the plant. Per oz., \$3.00; per pkt., 10c.

Zurich. Dwarf, early. Very free bloomer. Per oz., \$5.00; per pkt., 25c.

Patens. Splendid deep blue. Per oz., \$4.00; per pkt., 20c.



SCABIOSA, DOUBLE LARGE FLOWERING.

Scabiosa.

Mourning Bride.

Beautiful annuals with large double flowers on long stems; fine for cutting; various colors.

Candidissima Snowball. White. 1 foot. Per oz., 75c.; per pkt., 5c.

Azure Fairy. Lavender blue. Per oz., 75c.; per pkt., 5c.

Rose. Per oz., 75c.; per pkt., 5c.

Large Flowering, Mixed. Per oz., 50c.; per pkt., 5c.

Schizanthus.

The Butterfly Flower.

Free-flowering plants, bearing peculiarly shaped and oddly marked flowers. Annual.

Grandiflorus Hybrids. Bright Red Mixed. Per oz., \$1.50; per pkt., 5c.

Wisetonensis. A new variety, excellent for potting; chiefly light colored. Price per pkt., 25c.

Silene.

Catchfly.

Annual, compact bushes, 6 inches high, densely covered with double and single flowers of white, pink or red.

Single and Double Mixed. Per oz., 25c.; per pkt., 5c.

Smilax.

Myrsiphyllum.

Of great value for inside decoration. Greenhouse climber clothed from base to summit, with small glossy green leaves.

Smilax. Per oz., 75c.; per pkt., 10c.

Stevia,

Extensively used by florists. Beautifully effective with other cut flowers. The long but strong stems are branching and bear a multitude of fine white star-shaped flowers.

Serrata. Pure white and most desirable. Per oz., \$1.50; per pkt., 10c.

Solanum.

An ornamental and interesting genus of fruit-bearing plants; singularly bright in fruit and foliage.

Capsicastrum. (Jerusalem Cherry). Covered with scarlet fruit during the winter. 1½ feet. Price per oz., 50c.; per pkt., 5c.

Stocks.

Gilliflower.

The free-blooming, fragrant and charming colors of the stock, have brought it into great popularity for both summer and winter flowering. For beds and borders they are very effective, the blooms exceedingly useful for cutting. Our seed here offered is saved with great care from pot grown plants. Hardy annual.

Cut-and-Come-Again Ten Weeks Stock.

Dresden Perpetual or Branching.

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing until frost, and are especially valuable during September and October, when other flowers are scarce, they throw out numerous side branches, all bearing very double, fragrant flowers. Excellent for cutting.

	¼-oz.	Pkt.
Princess Alice. Snow white	\$1.00	10c.
Apple Blossom	1.00	10c.
Flesh Color	1.00	10c.
Rose	1.00	10c.
Dark Red	1.00	10c.
Violet	1.00	10c.
Canary Yellow	1.00	10c.
Cut-and-Come-Again Mixed	1.00	10c.



A SPIKE OF LARGE FLOWERING STOCK.

Large Flowering Ten Weeks Stock.

A very superior strain of this class having a high per cent of double flowering plants; excellent for bedding; will continue flowering for a long period. Plants should be set about 6 inches apart so that single flowering plants may be weeded out.

	¼-oz.	Pkt.
Pure White	\$1.00	10c.
Brilliant Rose	1.00	10c.
Light Blue	1.00	10c.
Crimson	1.00	10c.
Purple	1.00	10c.
Canary Yellow	1.00	10c.
Large Flowering Best Mixed	1.00	10c.

Large Flowering Nice Stocks.

Excellent new sorts of vigorous growth, 2 to 2½ feet in height; free flowering, fragrant and equally valuable for florists' winter or summer growing.

Mont Blanc. Improved pure white, excellent for cutting	¼-oz.	Pkt.
	\$1.00	10c.
Beauty of Nice. Produces several very large spikes, exceedingly double, of delicate flesh pink .....	.75	10c.
Monte Carlo. Pure yellow; extra fine .....	.75	10c.

Stokesia.

Cornflower Aster.

This plant grows about 24 inches high, bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border, and indispensable for cutting. Price per ¼ oz., \$1.00; per pkt., 10c.



The Choicest Spencer Sweet Peas.

Within the last few years there have been introduced a large number of sweet peas of the Spencer type, and we are listing the most prominent varieties of this beautiful class

Apple Blossom Spencer. Standard pink, wings white shaded pink.

Asta Ohn. Pinkish lavender, good size and the best Spencer form.

Countess Spencer. Bright, clear pink; has large blossoms; possesses every characteristic desired in a sweet pea.

Enchantress Spencer. Self-colored light pink.

Flora Norton Spencer. Bright blue with tint of purple, and very waxy.

King Edward Spencer. Bright crimson scarlet, which is almost sun-proof.

Lovely Spencer. Standard light blush pink with blotch of rose on wings, all suffused with buff.

Mrs. Routzahn Spencer. Buff with delicate pink edges, giving a picotee-edge effect.

Primrose Spencer. Creamy yellow throughout, standard, and wings of extra large size and crinkled edges.

Ramona Spencer. Pure white, with blush stripes.

White Spencer. Pure white flowers of gigantic size; true Spencer form.

Price on any of above varieties: Per pkt., 5c.; per oz., 30c.; per ¼-lb., \$1.00.

Mixed Spencer. Some of each variety included in our own mixture. Per oz., 20c.; per lb., \$3.00.

Sweet Peas.

Platt's Banner List of the Very Best Standard Varieties.

America. Crimson scarlet, striped on white.
Apple Blossom. Crimson, pink and white shaded.

Aurora. Orange rose, striped on white ground.

Black Knight. Deep maroon, veined black.

Blanche Burpee. Pure white, very large.

Blanche Ferry. Rose with white wings.

Countess of Cadogan. Lilac and blue.

Dainty. White, with delicately pink tinged edge.

Dorothy Eckford. Large, pure white, open form.

Duke of Westminster. Purple with violet wings.

Earliest of All. An early strain of Blanche Ferry. White and pink.

Emily Henderson. White, early.

Flora Norton. Large flowers of clear bright blue.

Gladys Unwin. Pale, rosy pink. Price per pkt., 5c.; per oz., 15c.; per ¼-lb., 50c.; per lb., \$1.75.

Hon. Mrs. Kenyon. A beautiful primrose.

Janet Scott. Bright pink and buff.

King Edward VII. Beautiful bright red.

Katharine Tracy. Standard soft pink, wings a shade lighter. Almost self-colored.

Lady Grisel Hamilton. Lavender.

Lord Roseberry. Bright magenta rose, showing veins of deeper shade.

Lottie Eckford. White, shaded lilac and blue.

Lovely. Soft pink, large size.

Maid of Honor. White, edged lilac.

Modesty. White, tinted pink.

Mont Blanc. Pure white, extra early.

Mrs. George Higginson, Jr. Lightest lavender.

Navy Blue. Indigo blue and violet.

Othello. Deep maroon.

Prima Donna. A beautiful shade of blush pink.

Prince Edward of York. Scarlet and crimson.

Royal Rose. Crimson pink, shaded light.

Sadie Burpee. Pure white.

Scarlet Gem. Bright scarlet.

Shahzada. Dark maroon and violet.

White Wonder. Pure white, double, producing from four to six flowers on a stem.

Price on all above, except where noted, per pkt., 5c.; per oz., 10c.; per lb., \$1.00.

Platt's Superb Mixture. Per pkt., 5c.; per oz., 10c.; per ¼-lb., 30c.; per lb., \$1.00.

Sweet William.

Dianthus Barbatus.

Attractive, free-flowering hardy perennials, producing a splendid effect in beds and borders with their rich and varied flowers.

	Oz.	Pkt.
Single White	\$.30	5c.
Single Pink Beauty	1.00	10c.
Single Dunnetti Crimson .....	.30	5c.
Single Nigrescens. Dark maroon..	.40	5c.
Single Holborn Glory. A large flowered strain of Auricula-eyed, beautiful colors, all showing the white center .....	.75	5c.
Single Mixed .....	.30	5c.
Double White	1.00	10c.
Double Pink Beauty	1.50	10c.
Dunnetti Fl. Pl. Dark crimson...	2.00	10c.
Nigriscens Fl. Pl. Darkest sort, very fine	2.00	10c.
Double Mixed	1.00	5c.



SWEET WILLIAM.

Thunbergia.

Black-Eyed Susan

Ornamental, free-blooming climbers of rapid growth, handsome foliage, good for greenhouse culture, or in warm situations out-doors. Half-hardy annuals. Fine mixed. Per oz., 75c.; pkt., 5c.

Valerian.

Garden Heliotrope.

An old-fashioned garden perennial bearing fragrant flowers of red, rose and white. Per oz., 30c.; per pkt., 5c.

Verbena.

A low-growing annual, profuse in its blooms, ranging from brilliant and startling colors to soft and delicate tints. Our mammoth strain pro-

duces large trusses of brilliant and beautiful flowers.

	Oz.	Pkt.
Mammoth White	\$1.50	10c.
Mammoth Rose and Carmine	2.50	10c.
Mammoth Purple Shades	2.00	10c.
Mammoth Scarlet Dark Shades...	1.50	10c.
Hybrida Striped	1.50	10c.
Hybrida Auriculaflora	1.50	10c.
Mammoth Choice Mixed	1.50	10c.
Hybrida Fine Mixed. Many colors,	1.25	5c.

Vinca.

Periwinkle or Old Maid.

Dark green foliage, and handsome rose and white single flowers; very effective for beds and borders. Blooms continuously all summer from seed sown early in March. Half-hardy perennial.

Rosea Alba. White with rose center. Per oz., 75c.; per pkt., 5c.

Alba Pura. Pure white. Oz., 75c.; pkt., 5c.

Mixed. Per oz., 75c.; per pkt., 5c.

Wall Flower.

A well-known plant of the Gillyflower family, producing its rich orange or chocolate flowers in the spring, if protected in the house during the winter. Half-hardy perennial.

Single. Finest mixed. Per oz., 50c.; pkt., 5c.

Double. Finest mixed. Per oz., \$3.00; pkt., 10c.

Zinnia.

Annual of great beauty and brilliancy; of branching habit and superb colors; continues in bloom a long time; very effective in beds, groups or mixed borders. Half-hardy annual.

	Oz.	Pkt.
Double White. Large flowering	50c.	5c.
Double Scarlet. Large flowering ..	50c.	5c.
Double Rose. Large flowering	50c.	5c.
Double Crimson. Large flowering..	50c.	5c.
Double Dark Purple. Large flowering	50c.	5c.
Double Golden Yellow. Large flowering	50c.	5c.
Double Mixed. Tall, large flowering	20c.	5c.
Double Mixed. Dwarf large flowering	40c.	5c.
Curled and Crested. Mixed	75c.	10c.
Zebra. Striped flowers, presenting a curious as well as pretty appearance	50c.	5c.

Mixed Flower Seed.

The seeds we offer as mixed comprise a wide variety at a much lower price than could be sold in separate packets. Nearly every garden has a spot which could be used to good advantage and satisfaction, yielding a continuous show, and supply for cutting.

Dwarf Mixed. Per oz., 20c.; per pkt., 5c.

Tall Mixed. Per oz., 20c.; per pkt., 5c.

Double Tuberose.

The tuberose, being a native of a tropical climate, requires the extreme heat of summer, and will not bloom till late, unless started in the forcing-house or hot-bed, in February or March. They may be transferred to open ground after the soil has become warm, and settled summer weather prevails. The bulbs are extremely sensitive; a slight freezing destroys the crown or heart.

Excelsior Dwarf Pearl.

	Each.	Doz.	Per 100.
First Size	4c.	35c.	\$2.50
Second Size	3c.	25c.	\$1.50
Third Size	2c.	15c.	\$1.00

Cinnamon Vine.

Beautiful summer climber; glossy foliage and fragrant flowers; stem dies down in winter, but the root is hardy.

Large selected roots. Price each, 5c.; per dozen, 50c.

California Privet.

One to two feet. Price per doz., 60c.; per 100, \$4.00.

Two to two and one-half feet. Per doz., \$1.00; per 100, \$8.00.

Two and one-half to three feet, bushy. Price per doz., \$2.00; per 100, \$15.00.



Tuberose.



GLADIOLUS.

Gladiolus.

The most brilliant and showy of all summer-flowering bulbs. Their immense spikes of gorgeous bloom comprise in color all shades from white to the deepest scarlet, purple and yellow, with blotchings and markings of charmingly contrasted shades. They will grow in any good garden soil, and bloom with the most ordinary care. The bulbs should be planted at intervals in April and May, to secure a succession of bloom. Take up in the fall and store in a dry cellar or other cool place, well protected from frost.

Gladiolus Bulbs.

Choice Mixtures.

Meadowvale Mixture. First size, all colors. Each, 2c.; doz., 20c.; 100, \$1.50.

Groff's Hybrid Seedling. "Choice Mixture." Each, 3c.; doz., 30c.; 100, \$2.50.

Shades of White and Light. Each, 4c.; doz., 35c.; 100, \$3.00.

Shades of Pink and Rose. Each, 3c.; doz., 35c.; 100, \$2.50.

Shades of Red. Each, 3c.; doz., 25c.; 100, \$1.75.

Shades of Yellow. Each, 6c.; doz., 60c.; 100, \$4.50.

Striped and Variegated. Each, 3c.; doz., 35c.; 100, \$2.50.



Caladium Esculentum.

Caladium Esculentum.

Elephant's Ear.

One of the largest of ornamental foliage plants; grows in any garden soil, and when full size, stands four or five feet high, with immense leaves measuring four feet in length by two and one-half feet in breadth.

	Circumference.	Each.	Dozen.
Extra Large	12 in. and over,	25c.	\$2.50
First Size Bulbs	9 in. and over,	15c.	\$1.50
Second Size Bulbs	7 in. and over,	10c.	\$1.00
Third Size Bulbs	5 in. and over,	5c.	\$.50

Madeira Vine.

The Madeira Vine is a beautiful climber, with thick glossy light green leaves, climbing twenty feet or more, and twining in any desired form. Price, each, 5c.; per dozen, 50c.

FRUIT TREES, VINES AND BUSHES.

Hardy Grape Vines.

Agawam. Large; dark red; sweet. Price each, 25c.; per doz., \$2.50.

Brighton. Berry medium size; color, light red. Price each, 25c.; per doz., \$2.50.

Campbell's. Early, but holding on to the stem until frost, making for itself a long season. It is a black grape of good size and great merit. Price, 50c.

Concord. Very hardy and good quality; the best for general culture. Price each, 20c.; per doz., \$2.00.

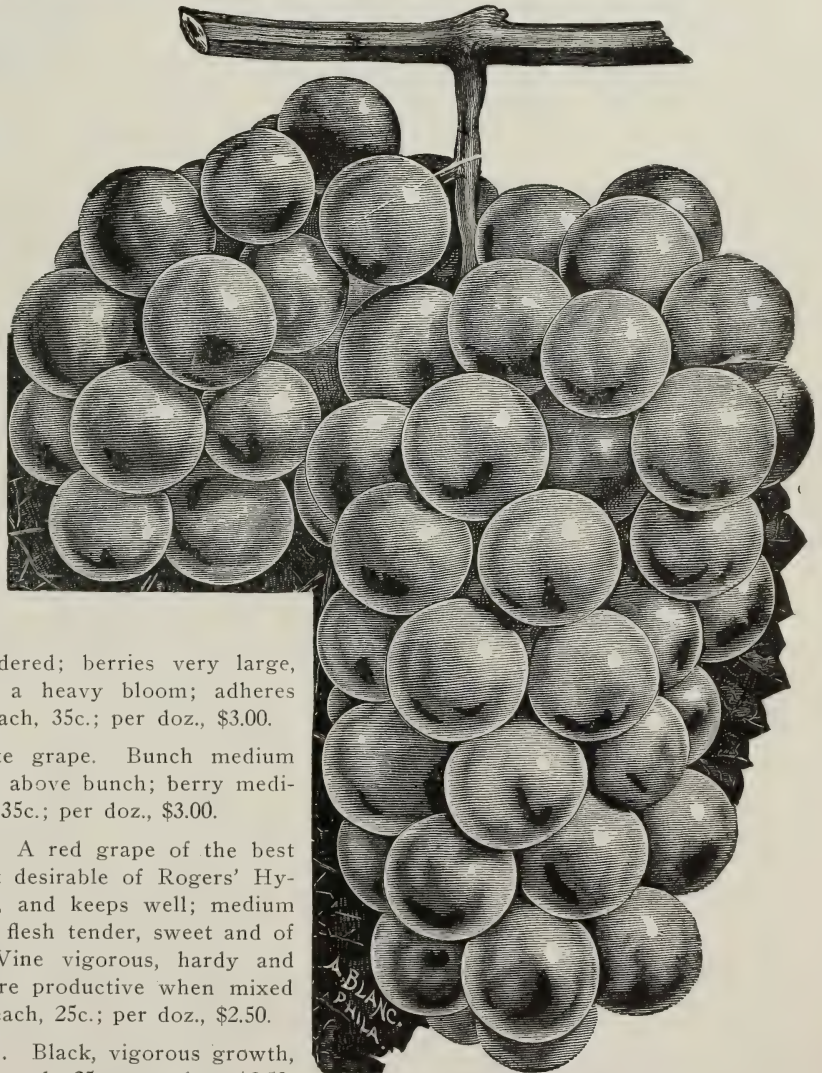
Eaton. Bunch very large, compact, often double-shouldered; berries very large, round, black, covered with a heavy bloom; adheres firmly to the stem. Price, each, 35c.; per doz., \$3.00.

Green Mountain. A white grape. Bunch medium to long, irregular; stem long above bunch; berry medium; pale green. Price each, 35c.; per doz., \$3.00.

Lindley. (Rogers No. 9). A red grape of the best quality, and one of the most desirable of Rogers' Hybrids. Ripens with Concord, and keeps well; medium to large in bunch and berry; flesh tender, sweet and of a high, aromatic flavor. Vine vigorous, hardy and healthy. It seems to be more productive when mixed with other varieties. Price, each, 25c.; per doz., \$2.50.

Merrimac. (Rogers No. 19). Black, vigorous growth, and large, sweet fruit. Price each, 25c.; per doz., \$2.50.

Moore's Diamond. White; bunch large, compact, shouldered; berries large, round; skin thick, firm. Vine a good grower, with healthy foliage. Price, each, 25c.; per doz., \$2.50.



Grapes—Continued.

Moore's Early. Ripens early. The bunches are large and compact; berries large, black and good flavor; strong healthy grower, an immense bearer. Price, each, 25c.; per doz., \$2.50.

Niagara. Bunches very large and compact. Berries large as Concord, mostly round; light greenish white, slightly ambered in the sun. Price, each, 35c.; per doz., \$3.00.

Pocklington. The vine is a strong grower; never mildews. The fruit is of a light golden yellow; berries round, very large and thickly set on bunch. Price, each 25c.; per doz., \$2.50.

Worden. Large, black, early and very productive. Price, each, 25c.; per doz., \$2.50.

The varieties of grape vines have become so numerous that we catalogue only those that have proved most valuable and desirable in this vicinity, but can supply any of the others if wanted.

Apples--Standard.

Summer—Early Harvest, Red Astrachan, Yellow Transparent, Sweet-bough.

Autumn—Fall Pippin, Gravenstein, Maiden's Blush, Pound Sweet, McIntosh Red.

Winter—Baldwin, Ben Davis, Bismarck, King, R. I. Greening, Duchess of Oldenburg.

Crab—Hyslop, Transcendent.

Four to five feet each, 25c.; five to six feet, each, 30c.; six to nine feet, transplanted, each 50c. to \$2.00.

Pears--Standard.

Summer — Doyenne-D'Ete, Lawson, Clapp's Favorite, Bartlett.

Autumn—Anjou, Bartlett-Seckel, Bosc, Howell, Seckel, Sheldon, Vermont Beauty, Worden-Seckel, Keiffer.

Winter—Dana's Hovey, Lawrence, Vicar.

Four to five feet, each 50c.; five to six feet, each, 75c.

Cherries.

Varieties: Black Tartarian, Early Richmond, Yellow Spanish, Gov. Wood, May Duke, Windsor, Meeker. Five to six feet, each, 75c.; per ten, \$6.75; per 100, \$55.00; six to eight feet, transplanted, each, \$1.00 to \$3.00.

Plums.

Abundance, Lombard, Washington, Burbank. Price, 50c. to \$1.00.

Quinces.

Orange, Apple, or Champion. Price, 30c. to 50c.

Peaches.

Crawford's Early. Vigorous, productive; good size; yellow, sweet, high-flavored; free.

Crawford's Late. Middle August. Yellow, broad dark red cheek; vigorous, hardy, sure-bearing.

Carman. Middle to end of July. Large, oval; yellowish white, flesh creamy, with red tinge. Suited to low, wet land; hardy, productive; good shipper; free.

Champion. Middle August. Large, creamy white, with red cheek; high quality, hardy, productive; free.

Elberta. Early August. Extra large; golden and brilliant red; vigorous and sturdy, thrives in widely differing localities; free.

Klondike. Large; white and red; juicy, solid; free.

Mountain Rose. Early August. Large, white, much red on cheek; flesh white, red at stone, juicy, rich; free.

Mayflower. Earliest; bears abundantly, red all over, firm, good.

Old Mixon, Free. Middle August. Large, pale yellow, red cheek; white flesh; does well everywhere; big crops regularly.

Bilieu's Late October. Large, white, with blush.

Prices: Two to four feet, each, 15c.; four to six feet, each, 25c.; six to eight feet, each, 50c.

Blackberries.

Kittatinny. Very large and of excellent flavor. Price per doz., 75c.; per one hundred, \$4.00.

Lawton. Very large, juicy and sweet. Price per doz., 75c.; per one hundred, \$4.00.

Snyder. Very productive. Flavor rich and good, ripens early. Price per doz., 75c.; per one hundred, \$4.00.

Raspberries.

Cumberland, Black.

This is a very hardy and the most profitable market variety, because of its immense size, firmness and productiveness. Price each, 10c.; per doz., \$1.00; per one hundred, \$6.00.

St. Regis. The new ever-bearing variety, of the highest grade in size, brilliant crimson color, firmness and flavor. Price each, 15c.; per doz., \$1.00; per one hundred, \$4.00.

Cuthbert. Canes hardy and strong, with large healthy foliage, exceedingly productive. Berries large, red, firm, and of good flavor. Price per doz., 75c.; per one hundred, \$4.00.

Gregg. (Black Cap). Canes of strong, vigorous growth, very productive; berries large, covered with heavy bloom, firm and fine flavor. Price per doz., 75c.; per one hundred, \$4.00.

Golden Queen. A yellow raspberry, of large size, great beauty, high quality, hardiness and productiveness. Price each, 10c.; per doz., 75c.; per one hundred, \$4.00.

Strawberries.

Price per doz., 30c.; per 100, \$1.50.

Bubach. (Pistillate). Mid-season, strong, vigorous plant, dark foliage. Berries very large, orange scarlet.

Brandywine. (Perfect). Medium late, large, heart-shaped fruit. Firm and good quality.

Glen Mary.

(Perfect) Mid-season. One of the best, fruit



large, glossy crimson, Heavy yielder. Does best on a clay soil and high cultivation.

Stevens Late Champion. (Perfect). Mid-season to late. Plants strong and productive. Color bright red, of the best for preserving.

Gandy. (Perfect). The best late variety, fruit large, dark color, and very firm.

Gooseberries.

Downing. Fruit large, smooth, and roundish; color light green, with delicate veins; flesh rather soft, juicy and very good.

Industry. Fruit very large and hairy; color dark red; flesh very rich and excellent flavor.

Red Jacket. As large as the largest; berry smooth, very prolific and hardy; quality the best.

Prices—Two years, 25c. each; \$2.50 per dozen.

Currants.

Fay's Prolific. A red variety, very large and productive. Price, each, 10c.; per doz., \$1.00; per one hundred, \$6.00.

Red Cherry. Large and fine for market. Price each, 10c.; per doz., \$1.00; per one hundred, \$5.00.

White Grape. The best white currant. Price, each, 10c.; per doz., \$1.00; per one hundred, \$6.00.

Black Naples. For jams and jellies. Price, each, 10c.; per doz., \$1.00; per one hundred, \$6.00.



Vegetable Plants and Roots.

We grow large quantities of vegetable plants and roots, and can supply all the varieties listed below in their proper season.

Artichoke (Jerusalem). Lb., 10c.; 3 lbs., 25c.; pk., \$1.00; bu., \$3.50.

Asparagus Roots. Two years old; Conover's Colossal, Barr's Mammoth, Palmeto, Giant Argenteuil. Per 100, \$1.00; per 1,000, \$5.00.

Cabbage Plants. (Hot-bed or transplanted in flats.) Ready after April 1st. Early Jersey Wakefield, Early Drumhead, Succession. Price per one hundred, 75c.; per one thousand, \$6.00. Field plants, June and July, per one hundred, 25c.; per one thousand, \$2.00.

Cauliflower Plants. (Hot-bed.) Price per doz., 15c.; per one hundred, \$1.00.

Celery Plants. Ready July 1st. Golden Self-Blanching, Golden Dwarf, White Plume, Giant Pascal, etc. Price per doz., 10c.; per one hundred, 50c.; per one thousand, \$4.00.

Chives. For flavoring. Price per clump, 10c.; per doz., \$1.00.

Egg Plants. Ready in May and June. New York Improved, Large Purple. Grown in pots. Price per doz., 35c. and 75c.; per 100, \$4.00.

Fennel Roots. Three years old. Price each, 10c. to 25c.; per doz., \$1.00 and \$2.00.

Horse Radish Sets. Price per doz., 10c.; per 100, 50c.; per 1,000, \$3.00.

Bohemian or "Maliner Kren." Per doz., 15c.; per 100, 75c.; per 1,000, \$5.00.

Lettuce Plants. Ready in April and May. Per doz., 10c.; per one hundred, 75c.

Pepper Plants. Ready in May and June. Per doz., 15c.; per 100, \$1.00.

Rhubarb Roots. Linnaeus and Victoria, Strong roots. Price each, 20c.; per doz., \$2.00. Small roots, each, 15c.; per doz., \$1.50; per one hundred, \$10.00.

Sweet Potato Plants. Yellow Nansemond. Price per bunch of twenty-five, 20c.; per 100, 50c.; per 1,000, \$4.00.

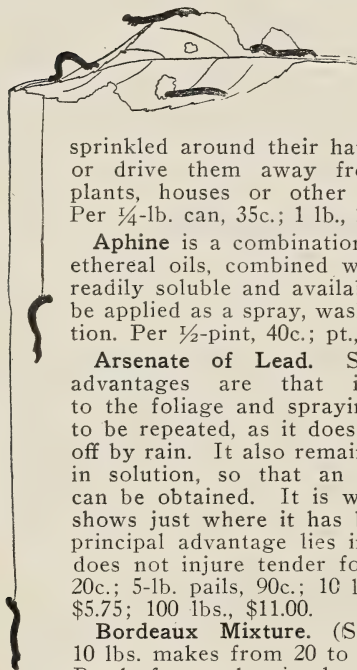
Sweet Potato Plants. Red Nansemond. Price per bunch of twenty-five, 20c.; per 100, 50c.; per 1,000, \$4.00.

Tomato Plants. Transplanted. Ready in May and June. We can always supply through season well-grown plants of the leading varieties. Per doz., 15c. and 20c.; per 100, \$1.00 and \$1.25.

Wormwood Roots. Price each, 25c.; per doz., \$2.00.

Special quotations on application for large quantities.

Insecticides and Fungicides.



Ant Destroyer. Q. R. S. Black ant destroyer is a non-poisonous powder which

sprinkled around their haunts, will destroy or drive them away from lawns, trees, plants, houses or other affected locality. Per ¼-lb. can, 35c.; 1 lb., 75c.

Aphine is a combination of essential and ethereal oils, combined with nicotine, in a readily soluble and available form, and can be applied as a spray, wash or dipping solution. Per ½-pint, 40c.; pt., 65c.; gal., \$2.50.

Arsenate of Lead. Swift's. Its great advantages are that it adheres well to the foliage and spraying does not have to be repeated, as it does not readily wash off by rain. It also remains well suspended in solution, so that an even distribution can be obtained. It is white in color and shows just where it has been applied. Its principal advantage lies in the fact that it does not injure tender foliage. Price 1 lb., 20c.; 5-lb. pails, 90c.; 10 lbs., \$1.60; 50 lbs., \$5.75; 100 lbs., \$11.00.

Bordeaux Mixture. (Standard formulae 10 lbs. makes from 20 to 50 gallons spray). Ready for use by simply adding water. An indispensable Fungicide, preventing black rot, mildew, blight, rust, scab, and all fungoid diseases on fruits and plants. Per 2 lbs., 30c.; 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.00.

Bordeaux Mixture. (Dry Powder). Same as liquid in effect. Prepared for dusting purposes. Mixed with Paris Green is a valuable combination for chewing insects. Price per lb., 20c.; per 5 lbs., 85c.

California Wash (Concentrated) (Lime and Sulphur solution, without sediment). Recommended for San Jose Scale, Oyster Shell Scale, etc. Ready for use by adding 10 to 40 gallons water to each gallon. One-qt. can, 25c.; 1-gal. can, 75c.; 5-gal. can, \$2.25; 25 gal. ½-bbl., \$6.00; 50-gal. bbl., \$10.00; 5-bbl. lots at \$9.00.

Cut Worm Food. (Warnecke's). It does not injure or affect growing plants in any way and if applied as

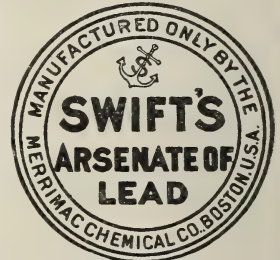
directed on packages there should be little trouble of this pest. 1 lb., 20c.; 25 lbs., \$2.50.

Fir Tree Oil. A popular insecticide for greenhouse and house plants; it frees plants of nearly all insects to which they are subject, and for the following it has no superior: Mealy bug, red spider, aphid (black and green), thrip, blight, worms and slugs. One-half pint is sufficient for 10 gallons of water. Price ½-pint, 40c.; pint, 75c.; qt., \$1.25; 1 gal., \$4.00.

Bug Death is a non-poisonous, insect-killing powder for cabbage and tomato worms, potato and cucumber bugs, etc. Price, 15c. lb., 3 lbs., 35c.; 5 lbs., 50c.; 12½ lbs., \$1.00; 100 lbs., \$7.50.

Grape Dust is a preparation to kill the destructive mildew that strikes the grape vine and other plants or trees affected with mold, mildew, or rust mites, and for any use where a fumigator or anti-septic is required. Price, five-pound package, 35c.; ten-pound package, 60c.

SWIFT'S
STANDS FOR QUALITY



REG. TRADE MARK
INSIST ON HAVING
SWIFT'S

Insecticides and Fungicides—Continued.

Fly Driver. Completely protects cattle and horses from all winged pests. It is non-poisonous, harmless, easily applied. It does not burn or gum the animal's coat, or contaminate milk. Equally good for horses and cattle. One quart, when mixed with water as wanted, makes two gallons of Fly Driver. Prices: One quart, 60c.; two quarts, \$1.00.

Hellebore, Powdered White. For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved, 1 oz. in 3 gallons water. Oz., 5c.; ¼-lb., 10c.; 1 lb., 25c.; 5 lbs., \$1.20.

Kerosene Emulsion. Prepared according to the most improved formulae; ready for use by simply adding water (25 to 50 parts water to one of Emulsion). For cabbage worms, scale on trees, caterpillars, melon louse, rose bugs, green fly and lice of all kinds, all sucking insects, either on plants or animals. Price per 1 qt., 35c.; per 1 gallon, \$1.00; 5 gallons, \$4.50.



"Nico-Fume" Tobacco Paper. A tobacco paper strongly saturated with pure nicotine. It comes in strips, which suspended and lighted, is one of the best, easiest, simplest and least injurious methods of fumigating conservatories and greenhouses for the destruction of aphids and all insects that succumb to tobacco insecticides. One sheet is sufficient for two thousand cubic feet or more. Packed in air-tight cans. Price, 24 sheets, 75c.; 144 sheets, \$3.50; 288 sheets, \$6.50; 1728 sheets, (six two-gross cans), \$35.10.



Nicotinic Fumigator.

"Nico-Fume." "Nico-Fume" is made from very high strength Nicotine solution and is free from the Ammonia and excessive Nitrates contained in tobacco stems. Therefore, many delicate plants which would be seriously damaged by smoke from tobacco stems may be strongly treated with "Nico-Fume" without the least injury—it neither deforming the buds nor discoloring the blooms, nor leaving any odor upon them. "Nico-Fume" liquid contains never less than 40% nicotine. "Nico-Fume" liquid may be satisfactorily employed either for fumigating or for spraying. Price, ¼-pint, 50c.; pt., \$1.50; ½-gallon, \$5.50; 1 gallon, \$10.50; 5 gallons, \$47.25.

Nicotide. Its fumes are fatal to all insect life. Half-pint, \$1.25; pint, \$2.50.

Nicotide Fumigator, consisting of pan, wire frame and the lamp, are very durable and will last for years. Price, 50c.

Paris Green, Strictly Pure. A poisonous insecticide in powder form for insects which chew. As a liquid use 1 lb. to 50 to 100 gallons water. ¼-lb., 10c.; ½-lb., 18c.; lb., 30c.; 2 lbs., 55c.; 5 lbs., \$1.25.

Paris Green and Fungicoid. Half and half; ready for use against fungi and insects. Price 1 lb., 25c.; 3 lbs., 75c.

Perisan Insect Powder. This is powder made from the flower of the Russian Pyrethrum, and valuable as a poison for lice on plants, water bugs, roaches, bed bugs, etc. Price per lb., 40c.

"Scalecide." For San José 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 water, sprayed on your trees and bushes, will kill every scale it reaches without injury to tree or fruit bud, if applied in late fall or early spring while foliage is off. Safe and easy to apply. Price, 1 qt., 35c.; ½-gal., 65c.; 1 gal., \$1.00. 5 gal., \$3.25; 10 gal., \$6.00; 50-gal bbl., \$25.00.

Soap, Fish Oil, with Tobacco. "Sterlingworth." An excellent specific for the destruction of plant-infecting insects and parasites. Is equally valuable for removing vermin from animals, furniture, etc. Per pound bar, 20c. each.



Soap, Buchans' Carbolic. For washing horses, cattle, dogs, pigs and other domestic animals (except cats). Use like other bug soap, rubbing it well in, and allowing the solution to dry on the animal. Price per package, 25c. and 50c.



Slug Shot. A non-poisonous and a very popular insecticide; it requires no further mixing or preparation, easily applied and not injurious to trees or dangerous to animals, the person applying it, or fruits and vegetables treated. Very effective in destroying potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. 1 lb., 15c.; 5 lbs., 35c.; 10 lbs., 60c.; in full bbls. of about 250 lbs., @ 4¼c. lb.

Soap, Sulpho-Tobacco. Kills insects on shrubs, plants, small fruit trees, etc. The cost is trifling. Ten cents—3-oz. cake makes 1½ gallons prepared solution. Mailed postpaid for 13 cents. 20-cent (8-oz.) cake makes 4 gallons prepared solution. Mailed, postpaid, for 25 cents.

Sulphur. For making California wash and for the extermination of fungi and mildew on grape vines and other plant foliage. Lb., 8c.; 100 lbs., \$5.00. By barrel or larger quantities, get special quotations.

Insecticides and Fungicides—Continued.

Tree Tanglefoot is a sticky substance similar to that used on Tanglefoot fly-paper. It is a most simple and economical remedy for protecting trees against canker worms or any other climbing insects. Will remain sticky three months. One lb., 30c.; 3 lbs., 85c.; 10 lbs., \$2.65; 20 lbs., \$4.80.

Tobacco and Sulphur Insecticide and Fertilizer. It will destroy rose bugs, lice, cut worms, vine bugs, tomato worms, currant worms, cabbage lice and parasites of all descriptions. Mix thoroughly with earth in pots; or in hills, one part powder to five parts earth. In 25c. and 50c. packages.

Tobacco Dust. This is the leaf and refuse of tobacco manufacture, ground to a fine powder and a specific for aphids, fleas, beetles, etc. It is also a good fertilizer and preventive for insects in the ground and about roots. Price per lb., 10c.; 5 lbs., 25c.; by the bbl., \$3.00 per 100 lbs.

Tobacco Stems, in bales of about 300 lbs. \$1.40 per 100 lbs.

Weed Killer, Sterlingworth. A most satisfactory and powerful weed killer, compounded especially for use on walks, drives, tennis courts, golf links, etc. It is a dry powder to be dissolved in water. When applied to vegetation, it completely destroys all kinds of weeds, grass (including milk weed and twitch grass), briars, burdock, dandelions, daisies, thistles, poison ivy and other objectionable vegetable growths. One application kills roots, as well as foliage, preventing further growth. It may be applied with an ordinary watering can. One gallon covers three to four square yards. Price, 1-lb. package makes 15 gals., covers 45 to 60 sq. yds., 60c.; 3-lb. package, \$1.25; 5-lb. package, \$2.00.



Fertilizers.

Feed Your Plants and See Them Grow!

Platt's Concentrated Plant Food. This is a highly concentrated form of Plant Food for house plants, conservatories and small outdoor plantings. It may be applied dry or in solution and is sure to produce satisfactory results. Price, small package, 10c.; large size, 20c. By mail add 7c. and 17c.

Bowker's Food for Flowers. An excellent fertilizer for house plants. Clean to handle, no odor. Price, small packages, 15c.; large packages, enough for twenty plants, one year, 25c. By mail add parcel post postage for 8 and 16 ounces.

Platt's Complete { Grass Lawn } Dressing.

This dressing is so prepared that it acts gradually through the season, producing a luxuriant growth of grass of rich, green color. Ten-pound bags, for 1,000 square feet, 50c.; twenty-five-pound bags, for 2,000 square feet, \$1.00; 100 pounds, for one-quarter acre, \$3.00; ton, \$50.00.

Acid Phosphate. Guaranteed 14% phosphoric acid. Per 100 lbs., \$1.25; per ton, \$17.00.

A-A-Superphosphate. Quantity required for garden and field crops, 500 to 600 pounds per acre. For garden crops, it is best drilled in at seed-sowing time. For top dressing grass, 600 pounds per acre. Price one hundred pounds, \$2.50; ton, \$40.00.

Pure Pulverized Sheep Manure. A pure natural manure, and most nutritious for plants. Its effect is immediate and lasting. Excellent for mixing with the soil



for greenhouse plants (one part manure and six parts soil). Strewn over and dug into the vegetable garden, or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes rich, safe and quick liquid manure; one pound to five gallons of water can be

used daily, if necessary, with safety. Trial pkg., 10c.; 5 lbs., 25c.; 10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00; 500 lbs., \$8.50; one-half ton, \$16.00; one ton, \$30.00.

Fish, Bone and Potash. A good fertilizer for grass or garden crops, quick in action, requiring 600 to 800 pounds per acre. Price per one hundred pounds, \$2.00; per ton, \$35.00.

N. W. 10% Potash Fertilizer. This is a special formula for potatoes and other similar crops, where an abundance of potash is required, and is also valuable as a general fertilizer for all crops. Price per 100 lbs., \$2.50; per ton, \$40.00.

Ground Bone. This is for general fertilizing purposes and valuable on the lawn, meadow, or in the garden. The finer particles are immediately beneficial, the coarse keeping up the supply of plant food for a long period. Six lbs., 25c.; 25 lbs., 75c.; 100-lb. bag, \$2.50; ton, \$38.00.

Lime, Agricultural Rockland-Rockport. Per 100 lbs., 85c.; per ton, \$11.00.

Lime, Connecticut. Ground limestone, fresh burned or air-slacked. Write for prices on car loads.

Land Plaster or Gypsum. It is an excellent addition to land requiring lime and sulphates, particularly for such crops as turnips, potatoes, grasses and clovers. Quantity required, broad-casted and harrowed in, one-half to one ton per acre. Price per 100-lb. bag, 75c.; per ton, \$10.00.

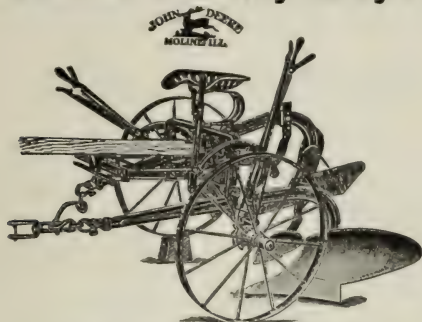
Hard Wood Ashes. Contain all fertilizing elements except nitrogen. They drive away insects, and are beneficial for all crops requiring potash. They are also very good for garden and field crops, and are of high value for cabbage, potatoes, onions, strawberries, fruit trees, grasslands and lawns. Apply one or two tons per acre. Per 100 lbs., \$1.25; per ton, in barrels, \$20.00.

Nitrate of Soda. This is valuable solely for the nitrogen it contains. It is very quick in action and hastens the maturity of the crops. Being extremely soluble, it should not be applied until the plants are above ground, when one hundred to five hundred pounds per acre, mixed with wood ashes or land plaster, for convenience in applying, are generally used. Price per 5-lb. package, 30c.; 10-lb. package, 50c.; per 100 lbs., \$4.25. In original sacks (about 200 lbs.), at \$4.00 per 100 lbs.

Muriate of Potash. Eighty per cent pure, equivalent to 48 or 50 per cent actual potash. A high-grade fertilizer, and one of the best orchard fertilizers known. Especially adapted for all stone fruits, and as a general fertilizer. Muriate of potash and ground bone stands as a leader. Five lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 100 lbs., \$3.25. Original sacks of 224 lbs., at \$2.75 per 100 lbs.

Salt. For Asparagus and other Crops. In sacks of about 180 lbs., \$1.50, or \$1.00 per 100 lbs. For quarter-ton or more, get special quotations.

John Deere Two-Way Sulky Plow.



How the Two-Way Plow is Made.

The entire plow is high grade, being made of high carbon steel and malleable iron. In this respect it should not be classed with cheap plows, which are constructed, for the most part, of cast iron.

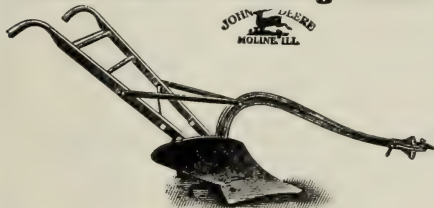
The frame is of high carbon steel, and built for strength. The axles, bails, levers and wheels are steel. The wheels have staggered spokes, wide tires and dust-proof boxes, and are the strongest known. The width between the wheels is greater than on any other two-way plow. Our beams do not spring or break.

The moldboards are soft center steel and double shinned by welding a piece of solid steel to the edge where the hardest wear comes. The landsides are thicker by far than those in use on other plows and are fitted with a runner which takes all wear from the bottom and reduces friction. Shares are hardened steel, which may be sharpened at will.

Each sulky furnished with either jointer or cutter at option of purchaser. Neckyoke, two-horse evener and wrench. Convertible two and three-horse evener and rolling coulter, when wanted, at a slight additional cost.

- No. MP110C—Two-horse Price \$50.00
- No. MP13—Large two-horse Price \$50.00

John Deere Walking Plow.



Steel Frame Plow. General Purpose Series. Steel Beam.

Hardened soft-center steel share. Hardened soft-center steel moldboards. Wrought steel frame. High solid steel landside, with cast slip heel. Double-beaded steel beam, high curve. Straight handles, interchangeable on all plows of same size and pattern. Fitted with wheel and jointer, or if hanging cutter, deduct 50c.

- No. MP111C—Medium two-horse \$16.00
- No. MP113C—Large two-horse \$16.50
- No. MP115C—Large two or three-horse \$17.00
- No. MP111C—With cast landside and share \$14.00

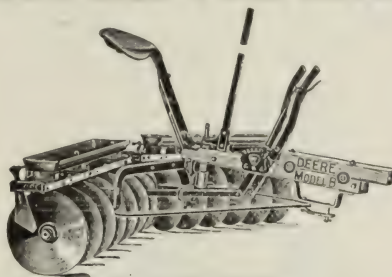
Other Implements.

We have other implements not listed here.

- Plows.
- Harrows.
- Horse Hoes.
- Land Rollers.
- Cultivators.
- Weeders.
- Seeders.
- Lawn Rollers.

Empire Fertilizer Sowers, etc., for which we have special catalogues. Let us know your wants and we will gladly send catalogues free.

Deere Model B Disc Harrow.



Distinctive Points.

Third lever with spring yoke makes the only really flexible harrow built.

Our flexibility insures even and thorough cultivation because it makes the harrow cut full depth the full width.

Leaves no unstirred ground.

Unequaled for good work on rough, stony and stumpy ground, or in dead furrows and on ridges.

Double angling levers for hillside work or lapping lands. Can be handled by a boy.

Cuts out middles because inner discs always run close. End thrust is not taken on clumsy bumpers, but by rigid gang arch.

Dust-proof, hard-wood bearings soaked in oil.

Absolutely strongest harrow built.

Fitted with neck-yoke and three-horse evener.

No. OC23—12-16 inch disc Price, \$26.00

If weight boxes are wanted add \$1.00.

If cut-out discs are wanted add \$1.50.

Deere Model K Disc Harrow.

The Deere Model K is a very strong substantial two-lever harrow. It is slightly lighter than the Model B, but has incorporated in it many of the superior points that have distinguished the Model B. Harrow from the ordinary harrow on the market.

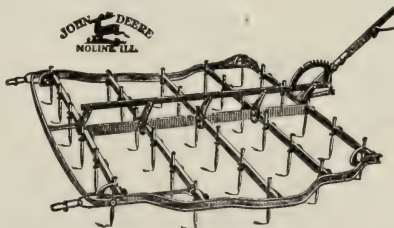
Deere Harrows have always been notable for the quality of material used in their disc blades, and give the best of satisfaction. They are thoroughly polished and sharpened. The gang bolts are steel, 7/8-inch square with forged heads. The nuts are securely held by lock washers, which effectively prevents their coming loose.

No. K23—12-16 inch discs Price, \$23.00

If weight boxes are wanted add \$1.00.

If cut-out discs are wanted add \$1.50.

Deere Universal Steel Lever Harrow.



Strong, Flexible, Durable, with Spring Trip.

In the Deere Universal Steel Lever Harrow we offer a tool which is entitled to great favor.

One-Section, 30 Tooth Price, \$6.00

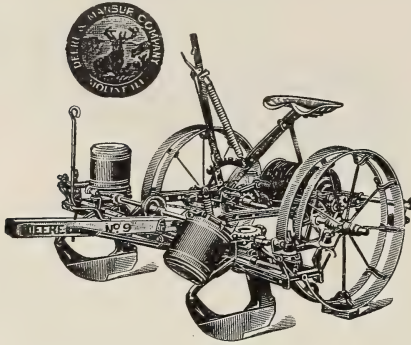
Two-Section, 60 Tooth Price, \$12.50

Acme Harrow, No. 23. Two-horse riding, 6 ft., 6 in., \$16.00

Standard Spring Tooth, with lever, 15 tooth, \$13.50.

Standard Spring Tooth, with lever, 17 tooth, \$15.00.

New Deere No. 9 Corn and Bean Planter, with Fertilizer Attachment.



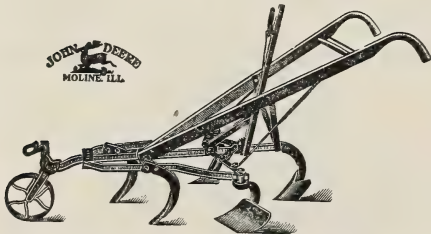
This Planter has the "edge selection" drop principle, which gives it the highest possible accuracy of drop. There are no extra parts required to change from hilling to drilling, as it is always ready for either. The automatic reel, carrying check wire, is simple and effective. The feed on the fertilizer attachment is positive, and distributes successfully in almost any condition up to 600 pounds per acre. This attachment allows a thin layer of soil to cover the seed before the fertilizer is deposited in the furrow, so preventing contact. Will drop either in hill or drill, and the automatic throwout prevents waste at end of rows. Can be furnished both with or without check rower. Plates are furnished extra for beans, peas and other seeds.

No. 9 Deere Corn Planter, with check wire, \$55.00
 If check wire is not wanted, deduct \$5.00.
 Add for automatic hilling attachment, \$2.00.

Eureka No. 2 One-Row Corn Planter.

Plants corn, beans, peas, beets, onions and turnip seed in hill or drill. Price, \$20.00.

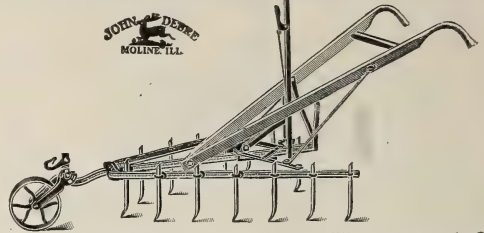
Deere Steel Cultivators. Five and Seven Tooth.



The Deere Five-Tooth Cultivator, or Seven-Tooth as desired, is one of the most useful tools among the smaller implements in the Deere line, as its several attachments and great adjustability adapt it for numberless uses and conditions. Equipped with lever expander, and reversible cultivator shovels, horse hoes, and gauge wheel. The machine admits of a variety of work in the close cultivation of corn, potatoes, tobacco, beets and other crops that require similar cultivation.

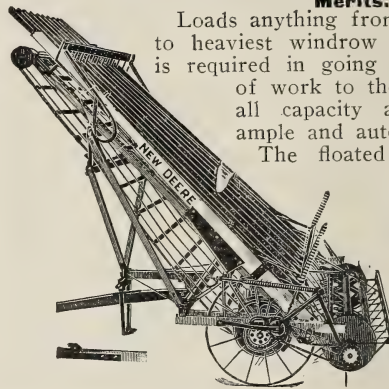
Deere No. 6—Five-Tooth, with horse-hoes, Price, \$5.50
 Deere No. 14—Seven-Tooth, with horse hoes, Price, \$6.50

Deere Combined Fourteen Tooth Steel Cultivator and Harrow.



The Fourteen-Tooth Combined Harrow and Cultivator is fast becoming popular among farmers and gardeners over the whole country. It thoroughly pulverizes but throws no dirt on plants. Movable teeth permit working close without injury. Deere No. 20—Fourteen-Tooth Price, \$4.80

New Deere Hay Loader.



Merits.
 Loads anything from lightest swath to heaviest windrow and no change is required in going from one class of work to the other, because all capacity adjustments are ample and automatic.

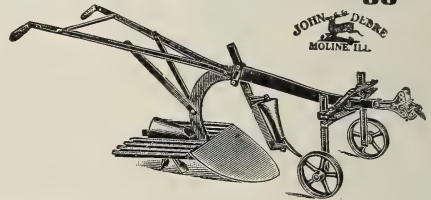
The floated gathering cylinder, thickly studded with flexible fingers, insures clean raking and non-trash gathering; also saves the mechanism from any violent strains.

The working parts move slowly, hence draft is light, machine long-lived, the hay handled softly. The delivery point is higher and narrower than that of any other loader, thus loading is easier and larger loads can be put on.

Follows the mower in any meadow, because it is the only machine fieldworthy on rough ground. Works well in any forage crop.

Price \$75.00

Deere Shaker Potato Digger.



This digger has proved so very satisfactory with us and our customers that it would be useless for us to offer any other in competition with it. It does the work well in places where others are of no use. Has steel beam, high natural temper steel blade, and is fitted with fender, side wings, extra wide grate and fore carriage. Price, \$16.50

Potato Hoe, Cambridge, wing, \$6.25.
 Combination wing and disc, \$10.00.
 Mower, Dain Vertical Lift, 5 ft., \$45.00.
 Dain Vertical Lift, 6 ft., \$47.00.
 Rake, Johnson, 8 ft., 24 tooth, \$21.00; 9 ft., 28 tooth, \$22.50.
 Land Rollers. Bunch's, No. 101½, wood, 8ft. x 28 in., 2 sections, 650 lbs., \$21.00. No. 105, steel, 8 ft. x 24 in., 2 sections, 560 lbs., \$22.75

Success Manure Spreader.



Why Should the Wise Buyer Purchase a Success Manure Spreader?

It has the largest axles of any Spreader on the market.

It is the only Spreader sold, the frame of which is constructed of second-growth white ash.

It is driven from both ends of the axle, and from both wheels of the machine.

The parts attached to the axle are keyed on. No set screws are used in holding parts to shafts. It is the only machine made having a beater freeing device. This relieves the cylinder when the machine is thrown in gear and prevents undue strain.

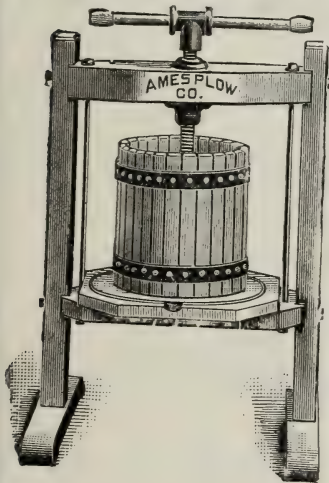
It has more superior features than any other Spreader on the market.

Send for special catalogue, which describes and illustrates fully.

Equipped with four-inch rear and three-inch front tires.

- No. 21R.—40-Bushel \$110.00
- No. 22R.—50-Bushel \$115.00
- No. 23R.—70-Bushel \$120.00
- Empire Broadcast Fertilizer Sower, 8 ft., \$45.00.
- Davenport Wagon, roller bearing, 5,000 lb. capacity, \$87.50.

Cider and Wine Presses.



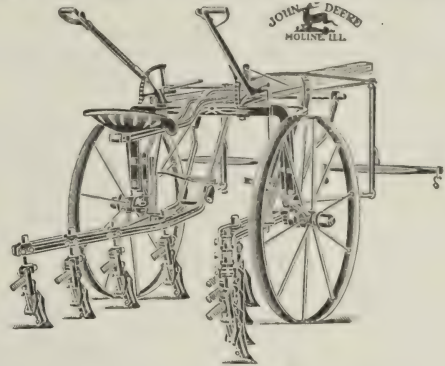
These presses are much stronger and more durable than those usually sold. The Ames are slightly heavier than the Keystone. The "Iamit" cider mill is very strongly constructed, nicely finished and will give satisfaction where its capacity is ample.

	Size Cage.	Price.
Ames No. 1	10½ x 8½	\$4.50
Ames No. 2	12¼ x 12	5.25
Ames No. 3	15 x 13	7.50
Keystone No. 1	9½ x 10½	3.50
Keystone No. 2	12 x 12½	4.85
Keystone No. 2½	12 x 13	6.00
Keystone No. 3	15 x 15	7.50
Keystone No. 4	16 x 18	14.85

Combined Cider Mill and Press.

	Weight.	Price.
Keystone "Iamit"	140 lbs.	\$10.00
Keystone Junior	220 lbs.	15.00
Keystone Medium	240 lbs.	17.00
Keystone Senior	475 lbs.	22.00

John Deere Pivot Axle Cultivator.



A general purpose cultivator adapted for a very wide range of work, such as corn, potatoes, tobacco, beans, cabbage and general truck farming, and for which greater merit is claimed than can be had in any other similar tool. It is all steel and malleable, built to make it substantial, attractive in appearance, with ample strength and durability. Wheels 34 inches in diameter. Frame adjustable to cultivate rows from 28 to 52 inches in width. By using center attachments with this cultivator it can be transformed into a most excellent Riding Harrow.

- No. KA65, with 8 spring trip hoes..... \$34.00
- No. KA66, with 8 spring teeth \$30.00

Disc hillers and spread ar, per pair, \$3.00.

Keystone Weeders. Adjustable, 7½ ft. round teeth. Price, \$10.00.

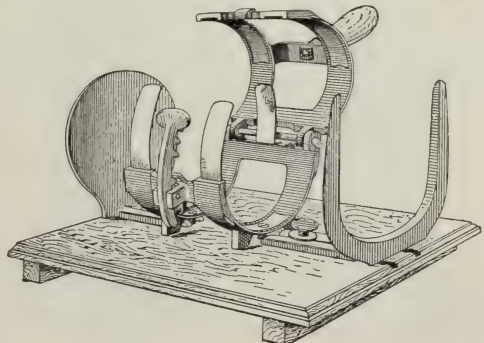
Automatic Corn Planter.

Can be regulated as to depth and amount of seed planted. Much more work and with greater regularity can be done than in the old way. Price, \$1.75



Acme Asparagus Buncher.

A great help to make bunches uniform and neat. Price, No. 1, \$1.90.



"Planet Jr." Farm and Garden Tools.

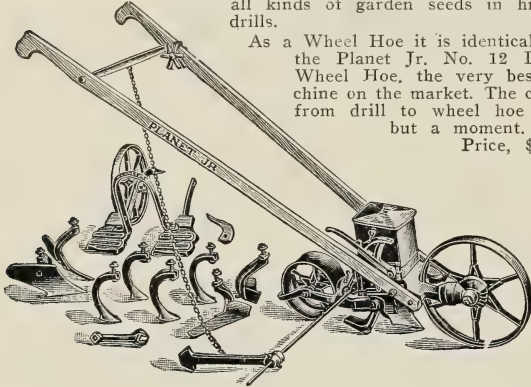
A complete catalogue containing a full line of Planet Jr. Implements free upon application.

Planet Jr. No. 25 Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow.

As a drill it is almost identical with the Planet Jr. No. 4 Drill, and is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills.

As a Wheel Hoe it is identical with the Planet Jr. No. 12 Double Wheel Hoe, the very best machine on the market. The change from drill to wheel hoe takes but a moment.

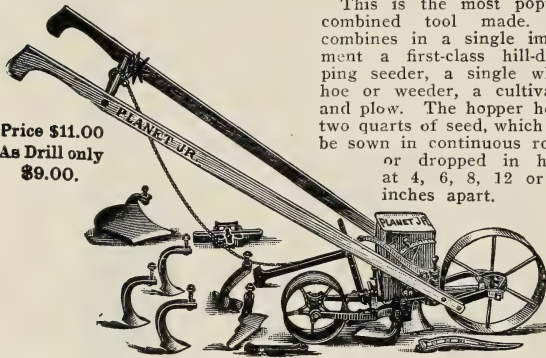
Price, \$13.50.



Planet Jr. No. 4 Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow.

This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a single wheel hoe or weeder, a cultivator and plow. The hopper holds two quarts of seed, which can be sown in continuous rows, or dropped in hills, at 4, 6, 8, 12 or 24 inches apart.

Price \$11.00
As Drill only
\$9.00.



The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe.

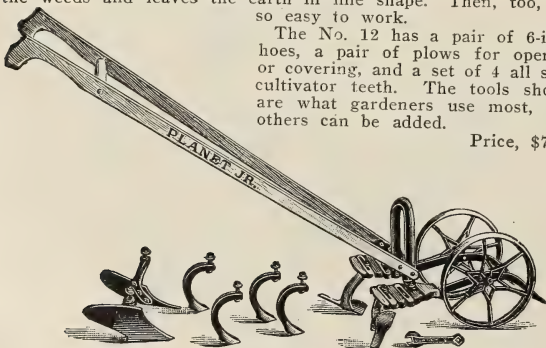
Price, \$11.00. As a drill only, \$9.00

Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow.

The No. 12 runs either astride or between the rows; kills all the weeds and leaves the earth in fine shape. Then, too, it's so easy to work.

The No. 12 has a pair of 6-inch hoes, a pair of plows for opening or covering, and a set of 4 all steel cultivator teeth. The tools shown are what gardeners use most, and others can be added.

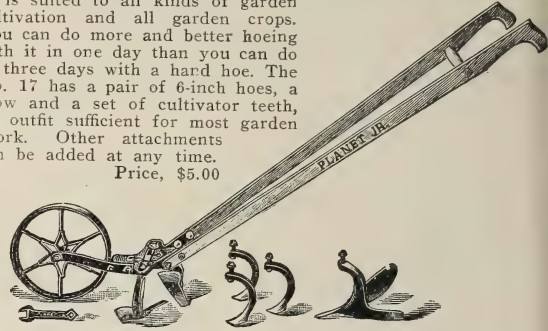
Price, \$7.00



Planet Jr. No. 17 Single Wheel Hoe, Cultivator and Plow.

For easy gardening, and at the same time clean and perfect gardening, no tool is the equal of this No. 17 Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hard hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work. Other attachments can be added at any time.

Price, \$5.00



Handy Gardener.

A new combined garden tool: its advantages are readily seen in cut. Price, 85c.



Ulrich Hand Cultivator.

A handy tool, should be used in every garden. Price, \$1.25.

Norcross Hand Cultivator.

Five Tooth. Price, 75c.

New Deere Wheelbarrow Grass Seeders.

Have won for themselves the first place among all kinds of grass seeders. They run easily and sow evenly. This new seeder is constructed on up-to-date principles. It has a strong thirty-two inch steel wheel, which is operated by a device that engages close to the hub. Price, \$8.50.

The Indiana Hand Seed Sower.

This machine runs so easily and smoothly that the weight of the handle will run the machine. Equipped with agitator and accurate seed gauge.

The Indiana will sow at a round Wheat or Rye 50 feet; Buckwheat, 45 feet; Flax Seed, Clover and Millet, 36 feet; Grass Seed, 20 to 36 feet; other seeds, etc., according to their nature and condition. Full directions sent with each machine. Price, \$1.50

The Cahoon Hand Broadcast Seeder. For Sowing ANY Grain or Grass Seed

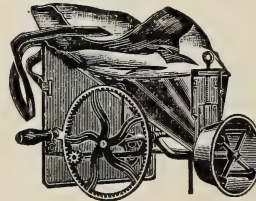
THE GUARANTEED STANDARD
SEED SOWER

OF THE WORLD.

It has **positive** and **accurate** feed.

Malleable Iron Frame—Steel Hopper and Gate—Brass Discharger.

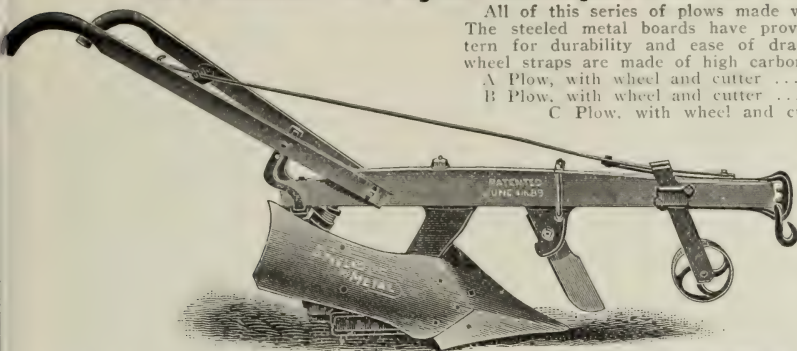
Price, \$3.00 each.



The Belcher & Taylor Chicopee Swivel Plows.—Improved.

All of this series of plows made with foot latch attached to standards. The steeled metal boards have proved far superior to every other pattern for durability and ease of draft. The cutters, shifting levers and wheel straps are made of high carbon steel and will prove durable.

- A Plow, with wheel and cutter \$10.75
- B Plow, with wheel and cutter 10.00
- C Plow, with wheel and cutter 8.00

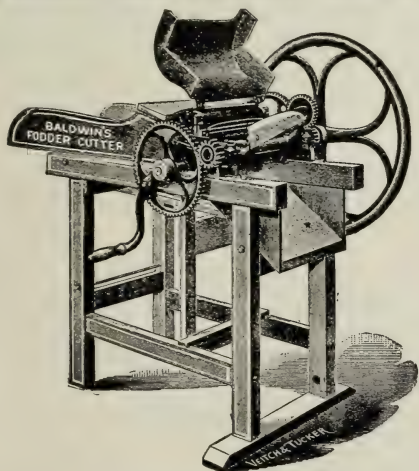


Champion Vegetable Cutter

Is made with a wrought shaft with sections of knives fastened to it and arranged so that a rotation of knives are continually passing a bed knife, cutting always near the center shaft, making it cut easy, also very regular and fine enough for cattle or sheep.

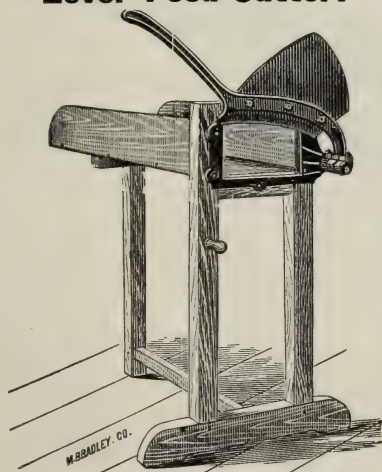
No. 1, \$7.25

Baldwin Improved American Fodder and Ensilage Cutter.



This is a standard make of fodder cutters which has been on the market for upwards of twenty-five years. They are now being built with all the latest improvements. No. 11, knife 11 inches long, cuts 1/4, 1/2, 3/4 or 1 inch. Price, \$23.75. Other sizes from \$13.50 to \$75.00.

Lever Feed Cutter.



This style is a simple and durable machine. The device for adjusting the lever, being removed from the pivot, enables us to have a stationary pivot firmly attached to the machine and consequently not liable to get loose, as in all machines where the pivot is adjustable.

- No. 1 \$3.50
- No. 2 \$3.75
- No. 2 1/2 \$4.50
- No. 3 \$5.75



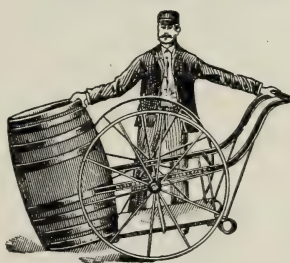
Lion Corn Sheller.

This is one of the most simple and popular shellers. Made in one size only and that with separator. Has large heavy balance wheel. The working parts are held firmly together by solid shaft boxes. The hoppers iron, with steel spring.

Price, \$10.00
Style A Sheller, \$7.50



The Butler Steel Hand Cart.



Platform, 28 x 32 inches. Useful for spraying. It is a great convenience for handling kegs, boxes, packages, etc. Can be used continually around the farm, dairy, creamery, garden, lawn, yard or stable. Light in weight, great strength and easily handled. 1 1/4-inch tire, plain, \$8; with detachable box, \$10. 3-inch tire, plain, \$10; with detachable box, \$12.

Triumph No. 8 Lawn Cart.



Body, 27 inches by 42 inches by 10 1/2 inches; rack, 38 inches by 53 inches by 8 inches; 3 inch tire steel wheel.
Price. \$25.00



**Gould's
Pomona
Spray
Pump.**

**A
Powerful
Sprayer.
All Working
Parts
Bronze.
No
Leather
Packings.
Adjustable
Stroke.**

The Pomona and Fruitall pumps are the result of long experience in the manufacture of spray pumps. They are strictly up-to-date and embody efficiency, durability and convenience. Price, Pomona Pump only, \$12.00; mounted on 50-gal. bbl., \$15. Outfit P. A. Pump, mounted, 25 ft. Boston Terrier Hose, 10 ft. extension rod, with shut-off, one 1501 nozzle, \$23.25.

If with "Bull Dog" hose deduct 50 cents; if with "Tiger" hose, deduct \$1.50. If with shut-off at pump, add \$1.00. Fruitall similar to Pomona, but fastens to chime of barrel instead of head, and has two-inch cylinder. Price, pump only, \$8.50; with outfit same as for Pomona, \$19.50. Send for special catalogue.



**The Aquapull or Portable
Hand Force Pump.**

Is made entirely of brass, has ball valves, and is double action, keeping a steady stream which can be thrown easily forty feet. It is furnished with three feet of hose, one straight stream and one rose nozzle. It will fit into an ordinary bucket and has foot rest to steady pump. Any length of hose can be added, and it can thereby be used for spraying tall trees. Price, \$3.50

Aquapeller. Has brass air chamber. Price, \$4.00



Spray Nozzles.



Vermorel, single, 75c.; **Vermorel**, double, \$1.35; **Vermorel**, triple, \$2.00; **Bordeaux Nozzle**, 75c.

"THE MISTRY, JR." Fig 1501 Does the work of two ordinary nozzles. Made of brass with hardened tool steel disc placed into discharge cap and which can be removed and a new one inserted. Price for 1/4-inch pipe..... 75c. Extra discs, 60c. doz.



The "Friend" Nozzle, straight or angle, \$1.00.

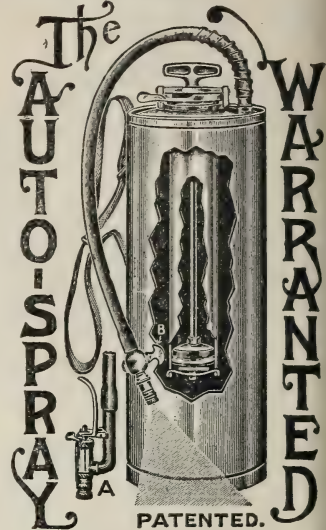
The Auto Spray Pump.

Light, strong, convenient, adapted to a great variety of uses. Seams double lock joint. Pump is brass and requires but few strokes to compress air sufficient to last a considerable time. We strongly advise brass tanks, as the galvanized steel tank is the only part which can give out and may not easily be replaced. Dimensions of tank, 21 x 7 inches. Capacity, four gallons.

Auto Spray No. 1, galv. steel tank, \$4.50.

Auto Spray No. 1, brass tank, \$6.75.

Two-foot brass extension rods, 35c. ea. Elbow connections, 35c. each.



LENGTH OF FLAME, 4 FT. 6 IN.

The Auto Spray Torch.

Is so constructed that a spray of kerosene is kept burning. With it tent caterpillars can be destroyed without injury to trees in the least. Price, \$1.00.

Lowell Grand Sprayer.

Throws a fine mist spray much further and more dense than any other similar sprayer. They have no corks to lose out. The tubes from pump to tank are straight and made of brass. The pump barrel is twenty inches long.



**Style Nos. 4 and 5
Lowell Grand
Sprayers.**

two inches longer than any other kind.

No. 101.	Glass tank	\$0.75
No. 101B.	Glass tank .....	.50
No. 104.	Tin tank .....	.40
No. 105	Galvanized tank .....	.50
No. 104E.	Tin .....	.30
No. 108.	Dust Blow .....	.75
No. 112.	Single tube, tin .....	.50
No. 115.	Continuous, tin .....	.75
No. 116.	Continuous, galvanized .....	.85
No. 117.	Continuous, brass	1.00

Improved Brass Syringes.



Of varying sizes applicable to greenhouse, conservatory or garden purposes. A, 12 x 1 inch, \$2.25; B, 14 x 1 inch, \$2.75; C, 14 x 1 1/4 in., \$3.50; D, 16 x 1 1/4 in., \$4.50.



Champion Powder Gun.

High gear and light running, will dust two rows potatoes at a time. Complete for high or low work. Price, \$8.00.

Little Giant Duster.

Distributes any dry powder, Paris green, etc., to perfection. The machine keeps the poison at a safe distance from the operator. Can dust potato vines as fast as you walk, two rows at a time. Reservoir holds nearly a quart of powder. Weight of machine, six pounds. Price \$6.00



Dusting Bellows.

Will blow any dry powder. They are strong, durable and efficient. Price, 75c.

Lowell Dust Blow.

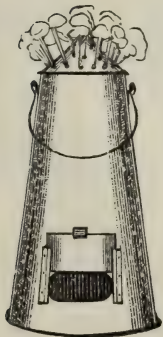
Works like a Lowell sprayer, but blows powder instead of liquid. The most handy small tool for dusting with powder, particularly Bug Death, Hellebore, Persian Insect Powder, Sulphur, etc. Price, 75c.

Dickey Duster, 25c.



Whirlwind Powder Gun.

A small device for blowing insect powder. Holds two ounces. Price, 25c.



Eureka Fumigator.

- No. 1, Holds 1/2 pk. stems, \$1.00
- No. 2, Holds 1 pk. stems, 1.50
- No. 3, Holds 1/2 bu. stems, 2.50
- No. 4, Holds 3/4 bu. stems, 3.00

Elastic Plant Sprinklers.

Three sizes. Price, 4 oz., 60c.; 7 oz., 85c.; 12 oz., \$1.00.



Waters' Improved Tree Pruner.

Enables operator, standing on the ground to remove branches many feet above his head. They are exceedingly useful and economical for the removal of water sprouts and for cutting back leading shoots in tall trees. Price, 4 ft., 75c.; 6 ft., 80c.; 8 ft., 85c.; 10 ft., 90c.; 12 ft., \$1.00; 14 ft, \$1.10; 16 ft., \$1.25. Extra knives, 25c. ea., \$2.50 per doz.



Pruning Shears.

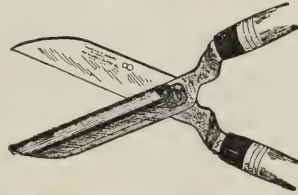


- Only good shears.
- No. 4665 \$0.35
 - No. 250
 - No. 75050
 - No. 650555
 - No. 477175
 - No. 4773 1.10
 - No. 4770, ladies 1.00
 - No. 2, French 1.00
 - No. 541, grape .25
 - Kelly Picking .50



Hedge Shears.

- Imported English.
- Plain 9 inch, \$1.50; with notch for cutting branches, \$1.75.
 - Border, No. 104, \$2.50.
 - Border, No. 105, \$2.75.
 - Lawn, No. 1062, \$3.00.
 - Lawn, No. 106, \$2.50.



Lopping Shears

Are economically used for the removal of branches too large for the ordinary pruning shears, being much quicker than the saw. Price, 24 in. handle, \$1.90. 30 in. handle, \$1.90. Grass, 3074E, 75c. Grass, 357, 40c. Little Giant Grass Hook, 40c.

Pruning Saws.

Keystone Disston Saw. Double edged, 12 in., 70c.; 14 in., 72c.; 16 in., 75c.; 18 in., 85c.; 20 in., \$1.00.

The Forest Pruning Saw (without pole), polished steel frame socket handle, 14 in. blade. Price, \$1.40

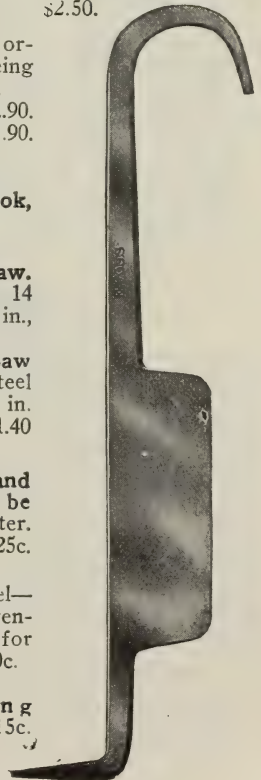
Potato Knife.

Humphrey's Concaved and Curved. The potato can be cut easier, faster and better. Price, 25c.

Grafting Blade.

One piece of forged steel—practical, compact, convenient. The best made tool for tree work. Price, each, 50c. Cut represents half size.

Trowbridge's Grafting Wax. 10c. per 1/4-lb.; 15c. per 1/2-lb.; 25c. per lb.



Garden Hose.



Conservatory Brand Hose. The highest brand of multiple fabric garden hose, made of seamless rubber tubing, seven plies of closely woven light duck, well frictioned, and a rubber cover.

Price in 25 or 50-foot lengths, 18c. per foot.

Boston Terrier. The construction is the same as our Conservatory brand, but the quality of material is not quite so high grade. Boston Terrier gives perfect satisfaction wherever used. Price, in 25 or 50-foot lengths, 15c. per foot.

Leader. A five-ply grade of hose that will give as good service as any hose would at an equal price. Adapted to low pressures. Price in 25 or 50-foot lengths, 10c. per foot.

"Electric" Woven Hose. Original and best corrugated hose made in 500-foot lengths. Price, in 25 or 50-foot lengths and over, coupled, at 20c. per foot.

Velvete. Of same continuous construction as Electric, but not corrugated. Price, in 25 or 50-foot lengths and over, coupled, at 16c. per foot.

Electric, half-inch, per foot, 16c.

Velvete, half-inch, per foot, 14c.

Extra charge for coupling less than 25 feet garden hose, 25c.

Spray Pump Hose.

One-half inch. We offer grades only that have been carefully made and especially for that purpose.

"Boston Terrier" Per 100 ft., \$17.00

"Bull Dog" Per 100 ft., 15.00

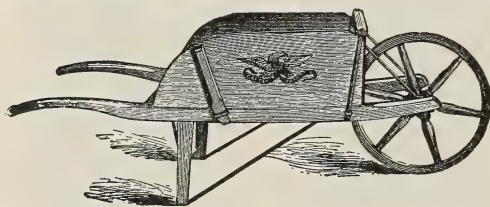
"Tiger" Per 100 ft., 11.00

For less than 25 ft., add 2c. per ft. Cut only in multiples of 5.

All Iron Hose Reel.

Holds 100 feet $\frac{3}{4}$ -inch hose. Has corrugated drum. Price \$3.00.

Berger Hose Reel, \$2.25.



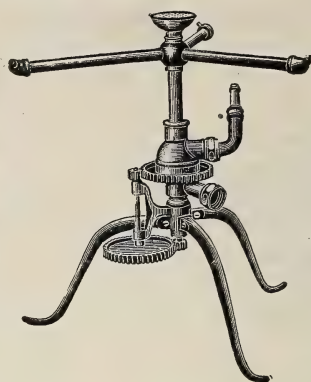
Eagle Garden Barrow.

Made from the best seasoned timber. The end of the bottom is cut into the back sill, thus preventing the splitting or breaking of the bottom boards. The wheel has a cast-iron hub with white oak or ash spokes and rims. The axle is wrought iron, with turned arbors. The whole barrow is reinforced and braced, making it light and especially strong.

Price, No. 1, \$4.00; No. 2, \$5.00; No. 3, \$6.50.

Buch's Garden Barrow, \$3.50.

Canal Barrow, full bolted, \$2.25.



Twin Comet Lawn Sprinkler.

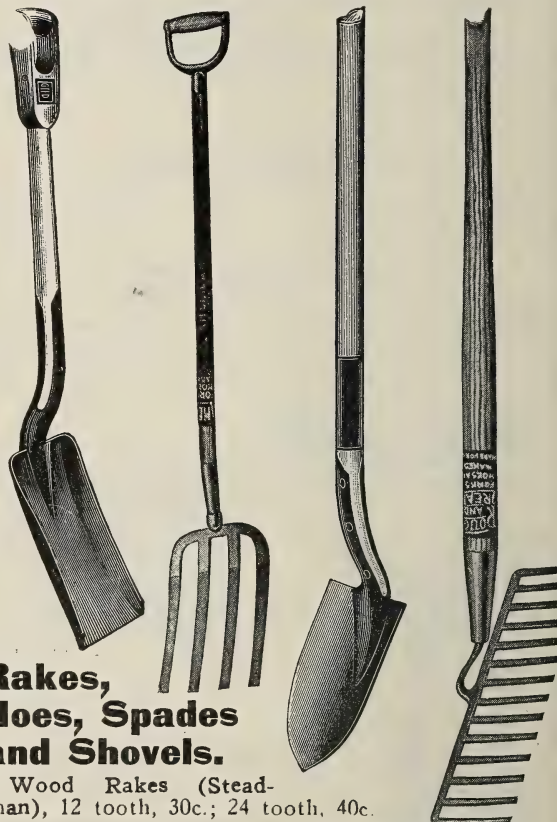
The nozzle and tips on the ends of the arms are adjustable and can be set so as to sprinkle any desired space. Will sprinkle four times as great an area as any other sprinkler made. Best results with good pressure.

Price, \$5.00.

Fountain Lawn Sprinkler.

Very simple and practical. Can be drawn over the lawn on the hose without detaching, and keeps right side up. Price \$1.00 each.

"Elgin" Lawn Sprinkler. One of the best even under low pressure. A perfect spray. Price, 50c.



Rakes, Hoes, Spades and Shovels.

Wood Rakes (Steadman), 12 tooth, 30c.; 24 tooth, 40c.

Steel Garden Rakes, 12 tooth, 50c.; 14 tooth, 55c.; 16 tooth, 60c.; 18 tooth, 65c.

Bow Handle Steel Garden Rakes, 14 tooth, 60c.

Steel Spades and Shovels, long or short handles, 85c.


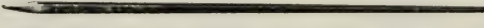




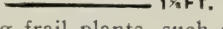
Oliver Ames Shovels and Spades, \$1.25.

Steel Hoes. Shank, 5 inch, 35c.; 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, 8 and $8\frac{1}{2}$ inch, 40c.

Socket, 7, $7\frac{1}{2}$, 8 and $8\frac{1}{2}$ inch, 45c.

Spading Forks, long and short handles, 4 tine, 75c.; strapped, 85c.; 5 tine, 90c.; strapped, \$1.00.

Light, for Frail Plants. Plant Stakes. Heavy, or Dahlia Stakes.

Each.	Dozen.	100.	6 FT.	Each.	Dozen.	100.
				\$.15	\$1.50	\$12.00
				.12	1.25	10.00
\$.08	\$.90	\$7.00		.10	1.00	8.00
.07	.80	6.00		.08	.85	7.00
.06	.65	5.00		.07	.75	6.00
.05	.50	4.00				
.04	.40	3.00				
.03	.30	2.00				
.02	.15	1.00				

1/2 FT. TO 6 FT. LONG

Made for supporting frail plants, such as fuchsias, carnations, tuberose, etc. They are round, taper to the top, and are painted green.

Cane Stakes, Bamboo.

Six feet in length, but easily cut to any desired. Per doz., 10c.; per 100, 75c.; per 1,000, \$5.00.

Cedar Bean Poles.

Good quality, eight to ten feet, large and straight, sharpened. Per doz., 75c.; per 100, \$5.00. Selected, \$1.00 per doz.; \$7.00 per 100.

Flower and Vine Trellis.

1 1/2 feet high	\$.15	5 feet high	\$.85
2 feet high	.25	6 feet high	1.00
3 feet high	.40	7 feet high	1.25
4 feet high	.60	8 feet high	1.35

Garden and Pot Labels, Painted

	Doz.	Per 100.	Per 1000.
4 1/2 inch	\$.05	\$.20	\$1.00
6 inch	.06	.25	1.25
8 inch	.10	.50	
10 inch	.15	.70	
12 inch	.20	.90	

Tree Labels, Painted.

Tree Labels, Painted. Notched and copper wired, 20c. per 100; \$1.50 per 1,000. Improved Copper Tree Label. Size 1, 15c. per doz.; \$1.00 per 100. Size 2, 20c. per doz.; \$1.50 per 100.



Diamond Hand Weeder



Shuffle Hoe. 6 in. 7 in. 8 in. 40c. 45c. 50c.

Diamond Hand Weeder.

Price, each, 5c.; per doz., 50c.

Hazelton Weeder.

Price, each, 25c.



Dibber. 35c. and 50c.

Excelsior Weeding Hook.

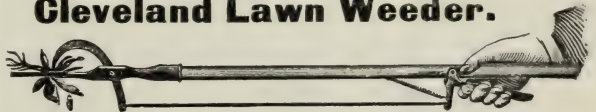
This implement can be used to great advantage among small and tender plants. Price, each, 5c.

Garden Trowels.



No. 215, 10c.; No. 214, 15c.; No. 212, 20c.; No. 211, 35c.; Hoe Trowel, 35c.; Bulb Trowel, 50c.; Transplanting Trowel, 10c.

Cleveland Lawn Weeder.



This little device gets at the root of the evil and removes it bodily. Price, 50c.

LANG'S HAND WEEDER
EASIEST TOOL ON EARTH.



Perfect Fruit Picker.

Galvanized steel wire, attaches to pole of any length. Price without pole, 25c.; price of pole, 15c. to 25c.



"Out o' Sight" Mole Trap.

The secret of mole catching is a good trap and to know their habits. Full information sent with each trap. Price, each, 75c.

The New Model Mole Trap.

This trap is made of all malleable iron and steel; it has eight needles in the pin plates. It is light, neat, durable. Price, each, \$1.50.

The Reddick Mole Trap.

This is a \$1.00 trap, practical and effectual; galvanized throughout to prevent rust.

Thermometers.

We carry in stock a complete line of thermometers suitable for use in a greenhouse, poultry and general work.

Hot-bed. In two styles. Price, \$1.50.

Incubator and Brooder. Price, 45c. and 55c.

Maximum and Minimum. Price, \$1.25 and \$2.75.

Japanned Tin Cases. Seven-inch, 10c.; eight-inch, 12c.; ten-inch, 15c.

Different styles for general use, 20c., 25c., 35c., 50c. each.



Putty Bulb.

Price, \$1.00 each.

Garden Reels.

Japanned (2 arms), small size, 50c. each.
 Japanned (2 arms), large size, 75c. each.
 Galvanized (4 arms), heavy, \$2.00 each.

Garden Line.

100 ft., 50c.



PUTTY BULB.



Jute Tying Twine.

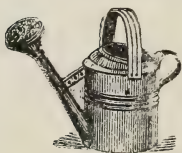
2 or 3-ply, 10c. per ball; 18c. per pound.

Mastica.

For glazing greenhouses, sashes, etc. Elastic, adhesive and easy to apply. Far superior to putty. One gallon will cover about 300 running feet, one side. Per gallon, \$1.35; 5 gallons, \$6.00; 10 gallons and over, \$1.20 per gallon. Machines for applying Mastica, \$1.25 each.

Watering Pots.

Quart.	Heavy Tin.	Galv.	Red XX
1	\$.18		
2	.20		
3	.25		
4	.30	\$.45	\$.55
6	.35	.50	.70
8	.45	.60	.85
10	.55	.70	.95
12		.80	1.05
16		.90	1.15



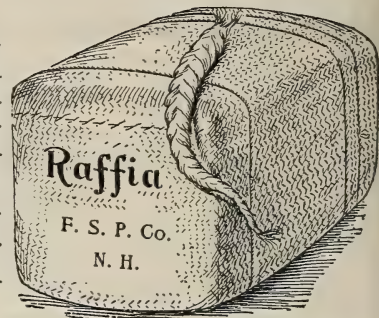
French. Long small spout, 1 qt., 30c.; 2 qt., 35c.
Wotherspoon Watering Pots. Extra heavy and long spout, for greenhouse use.

	Round.	Oval.
8 quart	\$2.00	\$2.40
10 quart	2.25	2.60
12 quart	2.60	3.00

Raffia.

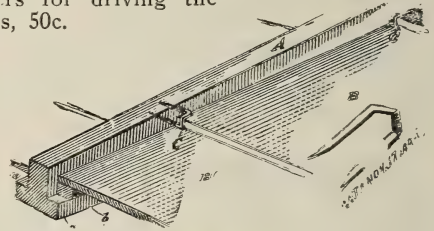
For tying plants, budding, etc. Raffia is superior to twine for bunching asparagus, celery, radish, cress, etc.

Price per pound, 20c.



Van Reyper's Peerless Glazier Point.

Made of steel wire and galvanized. Made in three sizes—No. 1, 2, 2½. Price per box of 1,000, 60c.; lots of 5,000 by express, 55c. per 1,000. Pincers for driving the points, 50c.



Hot-Bed Sash--Regular.

3 ft. 2 in. x 6 ft. Open, \$1.00; glazed \$2.25. Painted one coat.



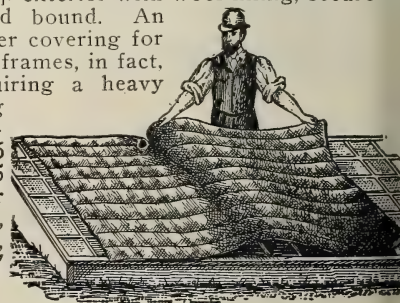
Double Glass Sash

Sunlight Double Glass Sash.

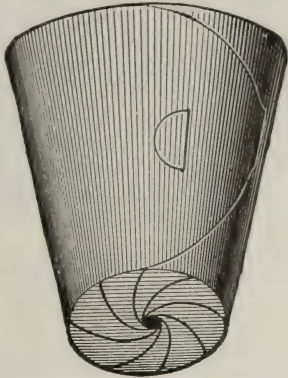
Having two layers of glass, with a space of five-eighths of an inch, which serves as the very best non-conductor. These sash require no mats, shutters or other covering, thereby saving an immense amount of labor, give longer growing time; results in earlier and stronger plants. Standard size, 3 x 6, unglazed, 1 to 5 sash, \$2.45 each; glazed and painted, \$4.65 each. Special prices on five or more sash shipped direct from factory, with freight allowed.

Burlap Hot-Bed Mats.

Heavy Burlap exterior with wool filling, securely quilted and bound. An excellent winter covering for hot-beds, cold frames, in fact, anything requiring a heavy mat covering for winter protection, 76 x 76 inches, \$1.25 ea.; \$14.00 per doz. No. 2, duck one side, \$1.50 ea.; \$17 per doz.



**"Neponset"
Paper Flower
Pots.**



Size.	Per 100	Per 1000
2¼	\$.25	\$2.42
2½	.30	2.78
3	.45	3.82
3½	.60	5.24
4	.80	6.60
5	1.20	10.96
6	1.65	14.68

Standard Flower Pots.

Per 1000				Per 100			
In.	Dis. 30%	Doz.	Each.	In.	Dis. 30%	Doz.	Each.
2	\$ 8.00	\$.08	\$.01	8	\$14.00	\$1.25	\$.12
2½	11.00	.10	.01	9	20.00	1.80	.16
3	14.00	.14	.02	10	27.00	2.50	.25
3½	17.00	.16	.02	11	36.00	3.25	.30
4	22.00	.20	.02	12	50.00	4.50	.40
5	40.00	.36	.04	14	100.00	9.00	.80
6	60.00	.55	.05	15	150.00	12.90	1.20
7	100.00	.90	.08	16	200.00	18.00	1.65

Saucers.

Inches.	Per 1000 Dis. 30%	Per Doz.	Each.
3½	\$14.00	\$.14	\$.02
4	18.00	.18	.02
5	22.50	.22	.02
6	30.00	.30	.03
7	40.00	.35	.04
8	60.00	.55	.05
9	80.00	.75	.07

Inches.	Per 100 Dis. 30%	Per Doz.	Each.
10	\$10.00	\$.90	\$.08
11	12.00	1.10	.10
12	15.00	1.35	.12
14	25.00	2.25	.20
15	30.00	2.70	.25
16	35.00	3.15	.35

Bulb Pans.

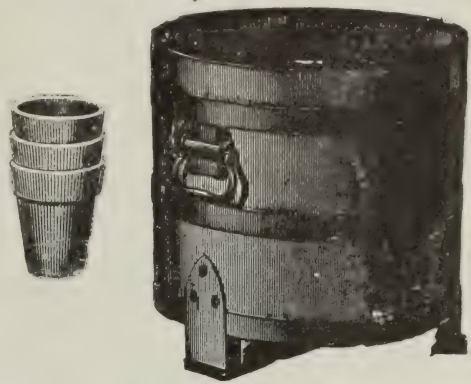
Inches.	Per 100 Dis. 30%	Per Doz.	Each.
6	\$ 6.00	\$.55	\$.05
7	8.00	.75	.07
8	10.00	.90	.08
9	14.00	1.25	.12
10	18.00	1.65	.15
12	35.00	2.25	.30
14	75.00	6.75	.60

Fern Pans.

Inches.	Per 100 Dis. 30%	Per Doz.	Each.
4	\$ 3.00	\$.30	\$.03
4¾	4.00	.35	.04
5½	5.00	.45	.05
6¼	6.00	.55	.06
7	7.00	.65	.07
8	10.00	.90	.08

Azalea Pots.

Inches.	Per 100 Dis. 30%	Per Doz.	Each.
4	\$ 2.20	\$.20	\$.02
5	4.00	.36	.04
6	6.00	.55	.05
7	10.00	.90	.08
8	14.00	1.25	.12
9	20.00	1.80	.16
10	27.00	2.45	.25



White Cedar Tubs.

Painted Green, with Feet.

No. 1	13½ inches diameter	\$1.15
No. 2	15 " "	1.50
No. 3	16 " "	1.85
No. 3½	18 " "	2.45
No. 4	21 " "	2.65
No. 5	24 " "	3.45

Extra Heavy White Cedar.

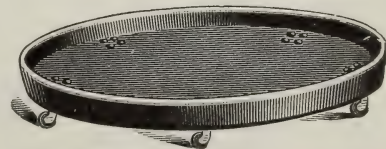
Painted Green, with Feet.

No. 0	27 inches diameter	\$5.50 each
No. 1	25 " "	4.95 " "
No. 2	23 " "	4.40 " "
No. 3	21 " "	3.85 " "



Fibre Ware Flower Pot Saucers.

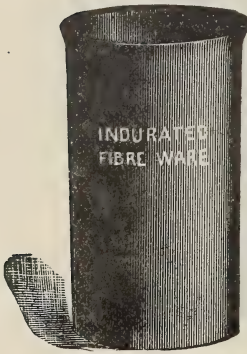
Inch.	Crates Contain.	Per 100.	Per doz.	Each.
4	100	\$10.30	\$1.25	\$.11
5	100	10.60	1.30	.11
6	100	11.00	1.35	.12
7	100	12.00	1.45	.13
8	100	13.00	1.60	.14
9	50	14.40	1.75	.15
10	50	15.00	1.85	.16
12	25	18.00	2.20	.19
14	12	24.00	2.95	.25
16	12	42.00	5.10	.45
18	12	48.00	5.80	.50



Fibre Ware Rolling Stands.

Outside Diameter.	Will take pot of Diam. at bottom.	Each.
12 inches	10 inches	\$.50
14 inches	11 inches	.60
16 inches	13 inches	.75
18 inches	15 inches	.85
20 inches	17 inches	1.00
22 inches	20 inches	1.25

Price-List of Florists' Vases.



Order by No.	Dim'n's in. only.	Dim'n's ins'd.	Per doz.	Each.
0	8	x13	\$6.60	\$.60
1	5½	x10	5.70	.50
2	4½	x 9	5.00	.45
3	4	x 6	4.20	.40
4	3	x 4½	3.30	.30
00	9	x22	25.00	2.10
000	9	x29	33.00	2.80
01	7	x20	14.40	1.30
11	5½	x18	6.60	.60
22	4½	x15	5.70	.50
33	4	x12	5.00	.45
44	3	x 9	4.20	.40



Flower Bed and Lawn Guard.

Constructed of heavy galvanized steel wire. "Cyclone" is crinkled and galvanized before weaving. "Wright" is smooth wire and galvanized after weaving. Prices are per linear foot.

"Cyclone."	12 inch	7c.
	18 inch	8c.
	24 inch	10c.
"Wright."	16 inch	10c.
	22 inch	12c.

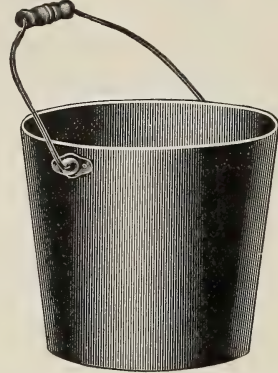
Trellis or Arch Wire.

"Cyclone."	18 inch	6c.
	24 inch	7c.
	30 inch	9c.
"Wright."	13 inch	10c.
	19 inch	12c.
"Cyclone" L. Extra Fence.	40 inch	12c.

Indurated Fiber Ware Pails.

Star Pail. 12 quarts, 30c. each.

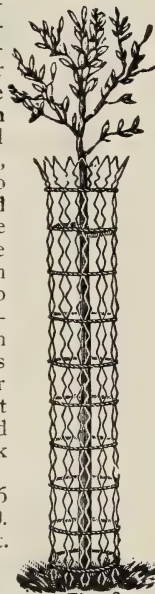
Ladies' Pails, 25c.



The Glen Adjustable Tree Guard.

Verd durable, substantial and attractive. They are firmly riveted to four (instead of three collars as shown in cut) with special ornamental rivets, which add greatly to their beauty and strength. They are made in halves to be bolted together, with holes arranged to give a three-inch adjustment on each side. These guards can be made to order in any desired height and diameter, and are carried in stock in the sizes below:

- 9 in. diam., 5 ft. 6 in. high. Price \$1.50.
- 9 in. diam., 6 ft. high. Price \$1.75.

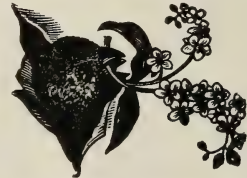


The Hartman Wire Tree Guard.

Made of heavy Steel Rods, galvanized. They are light and graceful in appearance, do not shade the tree from the sun, will not harbor insects, can be easily removed. It is as durable as a heavy,

expensive wrought iron guard, as neat in appearance and costs much less.

- 8 in. diameter. 5 ft. 6 in. high; price \$1.35.
- 8 in. diameter, 6 ft. high; price \$1.50.

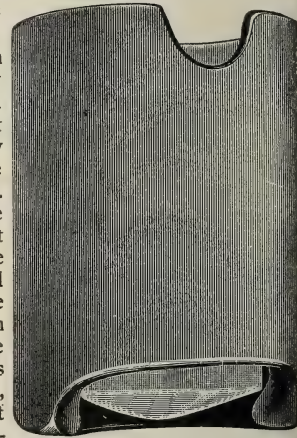


For the Birds.

- Canary and Rape. Per qt., 15c.; 2 qts., 25c.
- Best Sicily Canary Seed. Per qt., 15c.; 2 qts., 25c.
- Best Mixed Canary Bird Seeds. Price per qt., 15c.; 2 qts., 25c.
- German Rape. Price per qt., 15c.; 2 qts., 25c.
- Mixed Parrot. Price per qt., 15c.; 2 qts., 25c.
- Millet, American. Per qt., 10c.; 3 qts., 25c.
- Hemp Seed. Price per qt., 10c.; 3 qts., 25c.
- Sunflower Seed. Price per qt., 10c.; 3 qts., 25c.
- Maw Seed. Price per lb., 25c.
- Padda or Unhulled Rice. Price per qt., 15c.
- Canary Powder or Song Restorer. Bottle, 25c.
- Peter's Treat. Per roll, 10c.; doz. rolls, \$1.00.
- Bird Gravel. Price per qt. box, 5c.
- Cuttle Fish. Price each. 3c.; 2 for 5c.; 1b., 50c.

Roto Salt Cakes

are made from the finest table salt and guaranteed free from impurities of any kind. Horses and cattle are intelligent animals; they know when they require salt and how much. Put the salt where they can get it, but salt should never be mixed with the feed or thrown into the manger. There is an obvious disadvantage to this, as the animals have to take salt, whether they want it or not. The governing instinct of nature may better regulate quantity.



THE ROTO FEEDER is made of stone ware, exceedingly strong and simple.

- Roto Salt Cakes, 15c. each; \$1.50 per doz.
- Roto Feeder, 20c. each; \$2.25 per doz.

Poultry Supply Department

The following is a list of the most useful articles for the practical and successful poultry keeper. We carry large stocks at both our stores—845 to 855 Dixwell Avenue and 448 State Street. Parcel Post Delivery cost can be figured by weight given.

Mandy Lee Incubators and Brooders Excel!

The Incubator has two dampers, working together, controlling heat, moisture and ventilation automatically. As heat rises above 102 degrees the dampers open, the moisture damper rising the more rapidly, cutting off the heat from the machine, opening the pipe from egg chamber and releasing the accumulated moisture. In other words, if heat becomes too high, more ventilation is given and moisture reduced. Other strong points are the hygrometer, new moisture pan, automatic control of lamp and the drop bottom. The two small machines have not the moisture device. Either section of the 600-egg machine may be operated independently and set at different times. Occupies only 12 sq. ft. floor space. The brooder has glass top feeding compartment, covered runway at back, etc. The hover is long and narrow, supplying overhead heat, the ideal plan.



Incubator Prices.

75 Egg Capacity,	\$13.00
120 Egg Capacity,	21.00
150 Egg Capacity,	24.00
240 Egg Capacity,	31.00
300 Egg Capacity,	35.00
600 Egg Capacity,	65.00

Brooders.

Regular 100 to 150 chicks, size 3 x 4 ft. . .	\$13.00
60 chick,	6.00
Secondary 100 to 150 chicks, 4 weeks old, . .	8.00
Outdoor, same capacity,	18.00
Fireless, 100 chick size,	5.00
Fireless, 200 chick size,	8.00



ESSEX-MODEL INCUBATOR OF QUALITY

ESSEX MODEL INCUBATOR.

For 75 chicks, \$6.50.

Essex Model Incubators.

No. 0. 100 egg,	\$18.00
No. 1. 175 egg,	23.00
No. 2. 275 egg,	32.00
No. 3. 410 egg,	37.00

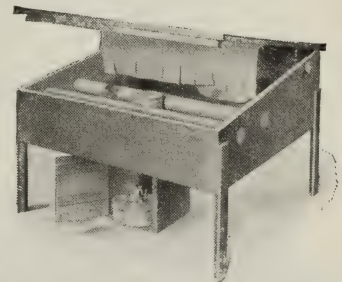
Middle Price Incubators.

No. A. 70 egg,	\$11.00
No. B. 120 egg,	14.00
No. C. 200 egg,	20.00

New Homestead Incubator.

Hot Water. For 70 eggs, \$8.50.

New Homestead Brooder.



NEW HOMESTEAD BROODER.

Essex Model Portable Hover.

Price, each \$7.50.

Incubator and Brooder Supplies.

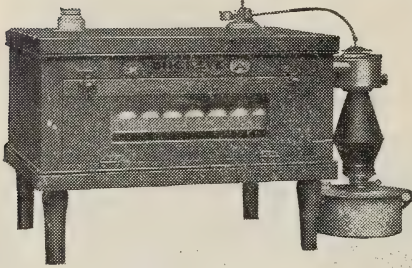
- Incubator Lamps. No. 0, 75c.; Nos. 1 to 3, \$1.00 each.
- Burners for No. 0, 35c.; No. 1, 50c.; Nos. 2 and 3, 50c. Burners without guide rings, 5c. each less. Zenith, chimney not required, 35c. each, all postpaid.
- Lamp Wicks, Nos. 0 and 1, 3 for 5c.; 18c. per doz.; Nos. 2 and 3, 2 for 5c.; 22c. per doz., all postpaid.
- Felt Diaphragms, without frame, 30c., 40c., 65c. and 90c. Postage extra.
- Incubator Thermometers. Tycos, 75c.; 2 for \$1.25. Cannot guarantee mail delivery.
- Incubator Thermometers, with electric light attachment, \$2.50 postpaid.
- Zero Brooder Lamp, air cooled, 7 x 9 1/2 inches, \$1.00 each. Extra chimneys for same, 20c. each.
- X-Ray Egg Tester, to slip on lamp, 25c. each;
- Parcel Post, one-half pound.



ZERO LAMP.

Brooder Thermometers, 50c. each, postpaid.
 Blue Flame Gas Burners, 50c.; postpaid, 60c.
 Hygrometer, to show moisture inside incubator, \$1.50 each.

Buckeye Incubators.

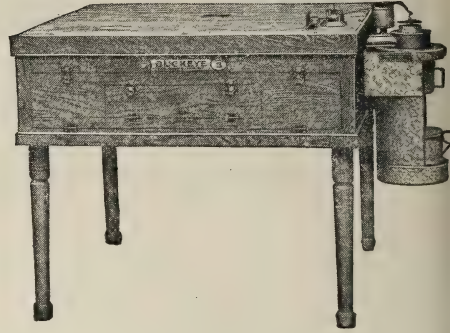


BUCKEYE A INCUBATOR.

Style A. 60 eggs,
\$8.00.

Buckeye Standard.

- No. 1, 110 eggs, as illustrated here, \$16.
- No. 2, 175 eggs, \$20.00.
- No. 3, 250 eggs, \$27.50.
- No. 4, 350 eggs, \$35.00.



BUCKEYE STANDARD INCUBATOR.

Buckeye Lampless Brooders.

Indoor, No. 5, 25 chicks, \$1.75; No. 6, 50 chicks, \$2.75.
Outdoor, Style B, 50 chicks, \$5.00; Style C, \$7.00.

Buckeye Heated Brooders.

Indoor, No. 1, 50 chicks, \$7.00; No. 3, 100 chicks, \$9.00.
Outdoor, No. 2, 50 chicks, \$9.00; No. 4, 100 chicks, \$13.50.

Buckeye Gas Heaters.

Complete, \$1.00. Parcel post, 20 ounces.

H. & D. Fireless Brooders.

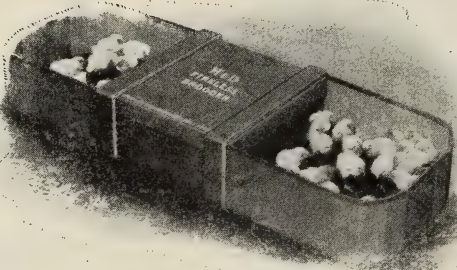
Self-ventilating, easy to keep clean and sanitary.
No corners to allow crowding.
Price, \$2.00 each; \$21.60 per dozen.

Lullaby Brooder.

For 25 chicks, \$1.00 each; \$11.00 per dozen.

International Hover.

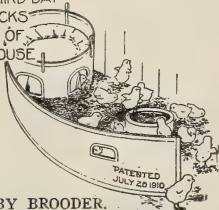
Lamp in center, with tall chimney. A perfect hover for any brooder or brooder house. Price, \$8.50 each; 3 for \$25.00. Extra curtains, 75c. per set.



PATENT APPLIED FOR

H. & D. FIRELESS BROODER.

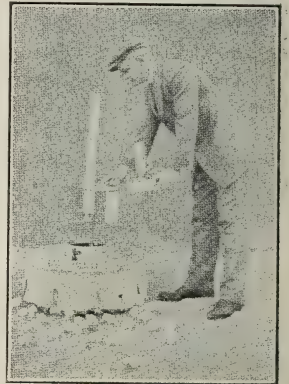
AFTER THIRD DAY
WHEN CHICKS
HAVE RUN OF
PEN OR HOUSE



LULLABY BROODER.

Apex Poultry House.

This is well fitted for those who wish to keep a few fowls and be able to move them about the yard when desired. It has a window in front and a door at back. Dimensions: 5 x 6 ft. floor space; height, 4 feet. The run, enclosed with 2-inch poultry netting, is about 6 x 8 feet. Price of house without run, \$10.50; complete with run, \$16.00.

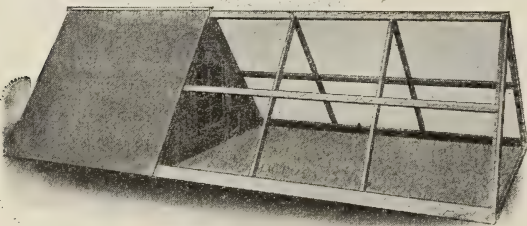


INTERNATIONAL HOVER.

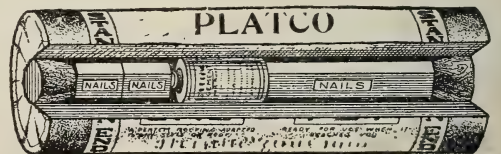
Platco Roofing.

Nails and cement come inside each roll without extra charge. A roll (or square) contains 108 square feet and will lay 100 square feet. Prices: 1-ply, \$1.50 per roll; 2-ply, \$2.10; 3-ply, \$2.60 (fire-proof).

Saturated Felt. 65c. and 90c. per square.
Five Per Cent Cash Discount on Ten Rolls Asphalt Roofing.

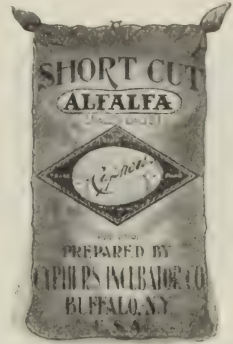
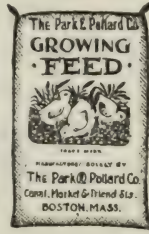


APEX POULTRY HOUSE.



Climax Outdoor Brooders.

50 to 75 chick size, \$10.00; 75 to 125 chick, \$12.00



Chick Foods.

We sell only the best gritless Chick Foods on the market. Price: 7 lbs., 25c.; 15 lbs., 50c.; 25 lbs., 75c.; 50 lbs., \$1.35; 100 lbs., \$2.50; 500 lbs., \$12.00.

P. & P. Intermediate and Growing Food same prices in small lots; 100 lbs., \$2.35; 500 lbs., \$11.25.

Prices on Eaton's Climax Grain, Park & Pollard's Scratch, 8 lbs., 25c.; 20 lbs., 50c.; 50 lbs., \$1.25; 100 lbs., \$2.25; 500 lbs., \$10.75.

Platt's Scratch contains no waste material, burnt wheat or wheat screenings. Price, 10 lbs., 25c.; 50 lbs., \$1.10; 100 lbs., \$2.00.

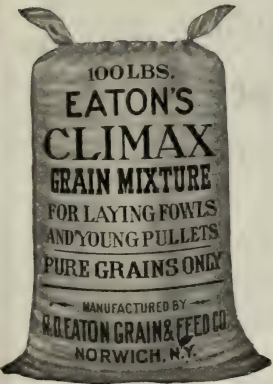
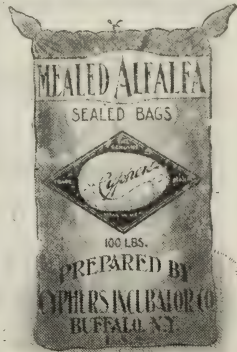
Prices for Eaton's Perfection Mash and Park & Pollard's Dry Mash: 7 lbs., 25c.; 18 lbs., 50c.; 50 lbs., \$1.25; 100 lbs., \$2.35; 500 lbs., @ \$2.25.

Fine or Coarse Mealed Alfalfa. Comes only in 100-lb. bags. In small quantity, 7 lbs. for 25c.; 15 lbs., 50c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

Short Cut Alfalfa. Comes in 50 and 100 lb. bags. Price, 6 lbs., 25c.; 13 lbs., 50c.; 50 lbs., \$1.25; 100 lbs., \$2.25.

Short Cut Clover. Comes in 50 lb. bags. Price, 6 lbs., 25c.; 13 lbs., 50c.; 50 lbs., \$1.25; 100 lbs., \$2.25.

Prices subject to market changes.



Bone for Poultry.

Granulated Fine for chicks, Medium for growing fowls and pigeons, coarse for laying fowls. Price, 6 lbs., 25c.; 13 lbs., 50c.; 50 lbs., \$1.35; 100 lbs., \$2.50.

Knuckle Bone Flour. Pure white, used for mixing in mash feeds. Price, \$3.00 per 100 lbs.

THE PARK & POLLARD CO.



Wirthmore Gritless Chick Food. Gritless Scratch Food.

Prices are the lowest, quality considered, of any mixed feed on the market.

Platco Dry Mash.

\$2.00 per 100 pounds.

Platco Scratch Food.

\$1.90 per 100 pounds.

We are always glad to mail samples free.





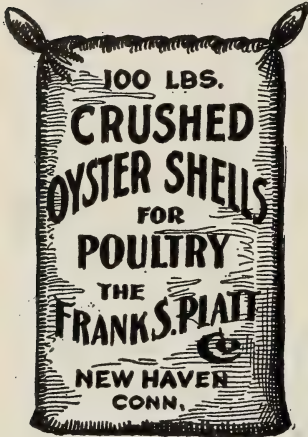
Charcoal.

2-lb. carton, 10c.; 5-lb. carton, 25c.; 50-lb. bags, \$1.00. Three sizes: Fine, medium and coarse.



Grit and Oyster Shells.

Grit is packed in three sizes: No. 2, coarse, hen size; No. 3, medium, pigeon and pullet size; No. 3½, chick size. Oyster shells come in two sizes; coarse, for hens, and fine, for pigeons. 5 lbs., 10c.; 10 lbs., 15c.; 25 lbs., 25c.; 100 lbs., 75c.; 500 lbs. @ 65c.



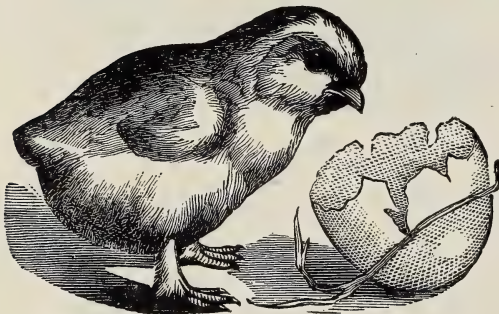
Sea Shells.

These shells come direct from the shore, are embryo mollusks and are easily assimilated by the fowl, furnishing lime for the egg-shells.

Price in less than a barrel, same as Oyster Shells; 1 bbl. of about 200 lbs., \$1.50; 3 bbls. for \$4.25; 5 bbls. for \$6.75.

Meat Scraps.

Platt's Fine, Medium or Coarse. 6 lbs., 25c.; 13 lbs., 50c.; 100 lbs., Fine, \$2.75; medium, \$2.85; coarse, \$3.00.



The "Best" Food.

Prices: A trial 10-lb. bag, 50c.; 50-lb. bag, \$2.25; 100-lb. bag, \$4.00.

Puritan Chick Food.

\$1.25; 100-lb. bag, \$3.25.



5-lb. carton, 25c.; 25-lb. bag, \$1.00; 50-lb. bag, \$2.00.



Egg Persuaders.

Lee's Egg Maker is one we have sold for many years. Price, 2½-lb. package, 25c.; 5½-lb. package, 50c.; 25-lb. pail, \$2.00.

Conkey's Laying Tonic. Price, 1½-lb. package, 25c.; 3½-lb. package, 50c.

Rust's Egg Producer. Price, 25c., 50c. and \$1.00 per package.



SHERIDAN'S CONDITION POWDER

25-cent package now selling at 15c.; large tin can, 75c.

NOTHING ON EARTH WILL MAKE HENS LAY LIKE SHERIDAN'S CONDITION POWDER.

Pratt's Poultry Regulator.

20-oz. package, 25c.; 4-lb. package, 50c.; 12-lb. bag or pail, \$1.25 each.

Shipping Coops.

No. 2, 1 bird, 60c. ea.; No. 4, 2 birds; 75c. ea.; No. 6, 3 to 5 birds, 90c. ea.

RUST'S HAVENS
CLIMAX POWDER



**CURES SICK FOWLS
AND
KEEPS THEM HEALTHY**

Poultry Remedies.

Oculum.

Small bottle, 50c.; large bottle, \$1.00.

Rust's Climax Condition Powder.

25c., 50c. and \$1.00 packages to be used in mash.

Lee's Germozone.

Roup, Canker, Swelled Head, Cold, Cholera, Bowel Complaint, etc., yield readily to treatment with Germozone. Especially valuable for little chicks. Put up in liquid form or tablets.

Price: 12-oz. bottle, 50c.; package tablets, 50c. Tablets by mail, same price.



Sterlingworth Diarrhoea Remedy.

is a certain and guaranteed cure for Bowel Trouble and White Diarrhoea in young chicks and scours in fowls and pigeons. Do not wait until the chicks are diseased, use as a preventive. Per box, 50c. postpaid.

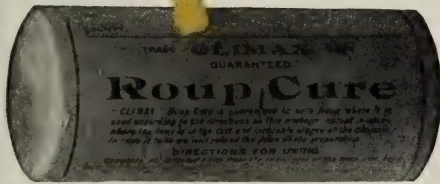


Conkey's Remedies.

Roup Cure, 25c., 50c., \$1.00. Cholera, 25c., 50c. Gape, 50c. White Diarrhoea, 50c. Bronchitis, 50c. Chicken Pox, 50c. Scaly Leg, 50c. Limber Neck, 50c. Poultry Tonic, 25c. Laxative, 25c. Rheumatism, 50c.

Glimax Guaranteed Roup Cure.

Our Best Seller. Fifty-cent boxes, 40c.; \$1.00 boxes, 75c. Conkey's Remedies mailed postpaid.



Rust's Roup Powder.

25c. per box; large box, 50c.

Lee's White Diarrhoea Remedy.

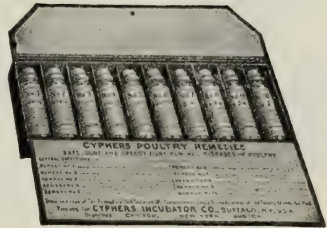
12-oz. bottle, 50c. guaranteed.

Cyphers Poultry Remedies.

A remedy for every disease. Vials containing 100 tablets (homeopathic), 25c. each, mailed on receipt of price.

Model Nutrine Chick Salts.

Supply chemical salts that brooder raised chicks are unable to forage for. Mix with a dry mash. Two-pound package, 50c.; 5lb. pkg., \$1.00.



Rust's Roup Pills.

These are recommended for severe cases, to give in addition to powder in drinking water. Prices, 25c., 50c. and \$1.00.

Model "Quic-Molt."

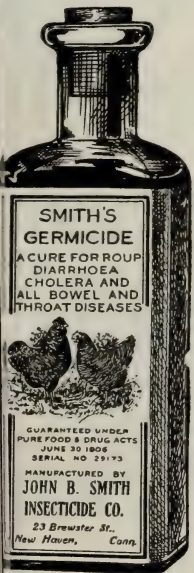
Highly recommended by fanciers. \$1.00 per large package.

Smith's Roup Cure. Is guaranteed and costs only 25c. per box.

Smith's Germicide. Four-oz. bottle, 25c.; 12-oz. bottle, 50c.

Glimax Poultry Netting.

One or two inch mesh, one foot to 6 feet high. Prices are the lowest when quality is considered. Will last 25 years under ordinary exposure.



**Lice Killers, Liquid and Powder.
Smith's Lice Killing Powder.**

In offering Smith's Lice Killing Powder, we present a powder that we believe to be stronger than any other preparation sold for the purpose. It is carefully compounded and contains no chemicals that will injure young chicks or the fertility of eggs, so it may be used freely about the nests of laying or setting hens without danger. Positively will kill lice on poultry, cattle and horses, ticks on sheep and fleas on dogs. Can be used on plants and bushes as a protection against bugs and lice; as an insecticide it is without a peer. A trial package will convince you.

PRICES: 4-oz. package, 10c.; 1-lb. package, 25c.; 2½ lbs., 50c.; 5 lbs., \$1.00.



Conkey's Lice Powder.

A popular powder put up in 10c., 25c. and 50c. boxes.

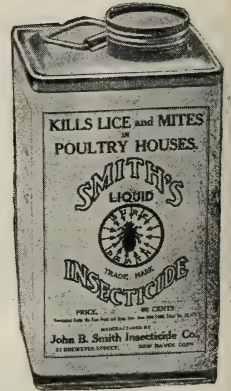
Lee's Insect Powder.

Large package, 25c.; \$2.50 per dozen.

Lambert's "Death to Lice."

Lambert's preparations for this purpose are standard, reliable goods, well known and used by poultrymen the country over.

"Death to Lice" can be used as an insecticide for bugs on bushes or vines, vegetables, plants, etc. Setting hens, well dusted twice during incubation, will not leave their nests on account of lice. If your hens are near your stable, sprinkle the horse brush with "Death to Lice" before using and your horse will be safe. Prices, 10c., 25c.; 3 lbs., 50c.; 6 lbs., \$1.00.



Lambert's Ointment.

For head lice, specially valuable for young chicks. Price, small box, for 100 applications, 10c.; large size, 25c.

Smith's and Conkey's Ointment.

Price, 10c. and 25c.

Rust's Lice Killing Powder.

Too well known to enlarge upon it. Prices, 10c., 25c.

Lice Dusting Guns.

Small, 10c.; large, 25c.

Lowell Dusters.

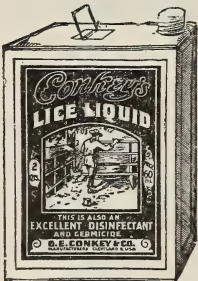
Holding one quart powder, 75c.

Avenarius Carbolineum.

Completely exterminates all lice and mites, also is best wood preserver. Rats or mice never gnaw wood painted with Carbolineum. Price: 50c. per qt.; \$1.25 per gal.; 90c. per gal. in 50 gal. bbls.

Lee's Lice Killer.

Is a liquid preparation for destroying insects on chickens, hogs and other stock. It was especially designed for killing lice and mites on chickens and hogs without the necessity of handling, dipping, dusting or greasing fowls or animals.



Price of Lee's, Rust's, Smith's, or Conkey's Liquid Killer, 35c. qt., 60c. per ½-gal., \$1.00 gal.



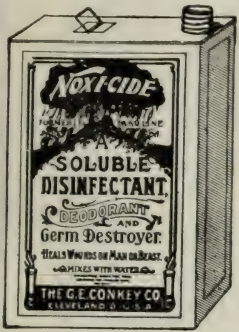
Disinfectants, Markers, Etc.

Noxicide.

35c. per pint; \$1.50 per gallon.

Carbonol.

The Household Disinfectant.
Bottle, 10c., 25c., 50c., 75c.; gal., \$1.75.

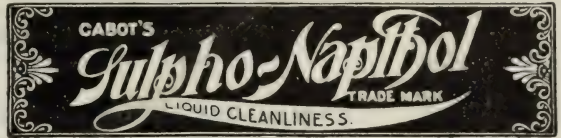


Cabot's Sulpho-Naphthol.

Price, 3-oz. bottle, 25c.; 8-oz. bottle, 50c.; qt., \$1.00.

Sulphur Candles.

A quick and effective way of fumigating poultry houses. Easy to light. Pans furnished with each candle to prevent danger.



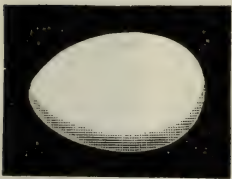
Price: 10c. size, 8c.; per dozen, 75c.

Glass Nest Eggs.

3c. each; 25c. per dozen.

Wooden Nest Eggs.

3 for 5c.; 15c. dozen.



"Boston Brown" Lice-Killing Nest Eggs.

5c. each; 50c. per dozen.

Cyphers Anti-Lice Roost Brackets.

Either upright or angle. 35c. per pair

Wire Nests.

These nests are strongly made from heavy japanned steel wire and will last a life-time. They are intended to be fastened to the wall with screws or screw hooks. There is no room on them for lodgment of lice or vermin of any kind; they are easy to keep clean and are far superior to wooden boxes. Made of 1½-inch mesh wire. 15c. each; \$1.50 doz.



Perfect Poultry Marker.

A very handy chick marker. Price. 40c. postpaid.

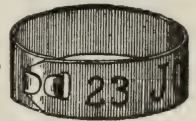
The Pettey Chick Punch.

Is just right for the vest pocket, very practical and nickel plated, makes a clean cut. Price, 25c. postpaid.



Double Clinch Bands.

No tools are required to put on these bands. They fasten with two clinches. There are no exposed corners, ends or loops. They are the best open Band on the market. They are numbered to suit purchasers. Prices prepaid, by mail or express: 12 for 15c.; 25 for 25c.; 50 for 40c.; 100 for 65c.; 250 for \$1.50.



Spirol Leg Bands.

On and off like a key-ring. Six different colors, with which you can make one hundred and twenty combinations. Several sizes. Per doz., 25c.; per 25, 50c.; per 50, 85c.; per 100, \$1.50.

Pigeon Leg Bands.

Seamless or Double Clinch.

Made of aluminum, so light they will not retard birds in flying. Two sizes. Price of Double Clinch, same as above double clinch bands. Price of Seamless, postpaid, 12 for 30c.; 25 for 50c.; 50 for \$1.00; 100 for \$1.50; 250 for \$3.50.

Leader Poultry Bands.

Are adjustable for any size leg. Price same as for Double Clinch.

Smith's Sealed Leg Bands.

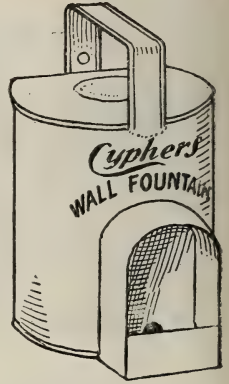
Price: 12 for 30c.; 25 for 50c.; 50 for \$1.00; 100 for \$1.50; 250 for \$3.50.



Cyphers Galvanized Drinking Fountains.



Small size, each, 20c.; per doz., \$2.00; medium 25c.; per doz., \$2.50; large, 35c.; per doz. \$3.50; special duck, 50c.; per doz., \$5.00.



Peerless Brooder Founts.

35c. each; 3 for \$1.00.

Peerless Five and Ten-Quart Founts.

60c. and 85c. each; \$3.00 and \$4.50 per 6. Heaters for 5-qt. fount, \$1.00.



Wall Founts.

One-quart, 30c.; 2-quart, 40c.; 4-quart, 50c.; 8-quart, 75c.

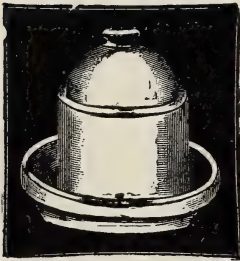
Sanitary Stoneware Founts.

Thoroughly glazed inside and outside. Being made in two parts, they can be easily cleaned. Will never rust, but will keep water pure, clean and cool.

Prices: 1-qt., 20c.; 2-qt., 30c.; 4-qt., 40c.; 8-qt., 50c.

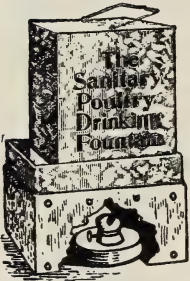
W. R. Fountains.

Made of Stone glazed and barrel shape. Desirable for poultry; especially liked for pigeons, as they cannot soil the water. Prices: 2-qt., 25c.; 4-qt., 35c.; 8-qt., 45c.



Davis Improved Food and Water Holder.

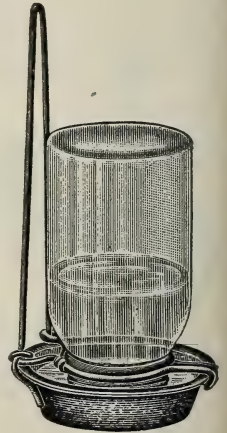
Brooder size holds one quart Mason fruit jar. Complete, 25c.; without jar, 20c. Large size holds two quart jar. Price, 30c.; without jar, 25c.



The "Sanitary" Poultry and Pigeon Fountain.

This is made of galvanized iron, and is so designed that it can be easily opened and thoroughly cleaned, thus overcoming the objection to many drinking fountains. Prices: One gallon, 50c.; two gallons, 85c.; per dozen, \$5.50 and \$9.50.

Heaters to fit above. Lamp will burn 36 hours, keeping water just a little warm, which is much better in the coldest weather for laying hens. Price of heater alone, for 1 gal., 50c.; for 2 gal., 60c.; per dozen, \$5.50 and \$6.50.



All Rite Founts.

Price, 15c. without jars; 20c. each with 1-qt jars; 25c. each with 2-qt. jars; with large enamel pan in which to feed medicine, 30c. each; four for \$1.00.

Klean Drink Founts.

Are made of galvanized iron to hold Mason fruit jars—small to hold pint, larger to hold quart. Price of either without jars, 15c.; with jars, 20c.; \$2.00 per doz.

Improved Klean Drink Founts have a larger pan than those described above. brooder size, without jars, 20c.; doz., \$2.00; with 1-qt. jars, 25c.; \$2.50 doz. Large size, without jars, 25c. each; \$2.50 doz.; with jars, 30c. each; \$3.00 doz.



Sexton Up-to-Date Founts.

Six quart. Price, 60c. each; \$6.00 per doz.



The Norwich Automatic Exerciser and Feeder.

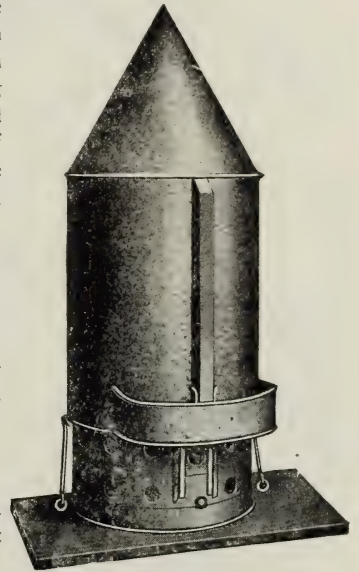
Has established itself as the standard method of feeding in poultry culture. By its use waste is completely and absolutely eliminated. Every grain of feed goes into the flock, saving approximately 25 per cent, while the labor is reduced to filling the hopper. Necessitating slow feeding and exercise, each chick or fowl must work and is fed exactly the same. The result is increased egg production, and the uniformity of the flock is at once apparent. Guaranteed to pay for itself in actual saving of grain in 90 days.

No. 1.	Capacity 8 quarts,	.	.	.	.	\$2.50 each
No. 2.	Capacity 14 quarts,	.	.	.	.	3.25 each
No. 3.	Capacity 20 quarts,	.	.	.	.	4.10 each
No. 4.	Capacity 32 quarts,	.	.	.	.	5.00 each

The Norwich Automatic Air Lock Fountain.

Solves the problem of supplying water to poultry in winter, as well as summer. The fount works on the siphon principle. When the water in the cup is used up, the cup is immediately filled up again with clean fresh water. There is no possible way for the water in the reservoir to become contaminated, the water always flowing downward. The heater is a most important part, being so arranged that the flame cannot be blown out by draughts or the flapping of birds' wings. The heat holes are thoroughly protected with wire gauze, thus eliminating all danger from fire after the fount has been hooked to the floor. Capacity, five gallons.

Price complete, \$2.50; without burner base, \$1.75.



Norwich Butter-Tub Fount.

Consists of a cast iron cup, brass tube, and parts to convert any wood tub into a fountain for summer use. \$1.00 each. Parcel post weight, 3 lbs.

Moe Founts.

Made of heavy galvanized stock. Top fill, easily cleaned. Will not run over; always supplies just enough water. Water is kept cool in summer, warm in winter by dead air space.



Price: 1-gal., \$1.25; 2-gal., \$1.75; 4-gal., \$2.25.

Knudson Nests.

Made to hang on wall, galvanized iron with swinging front doors. Complete six nests in series. These nests are easily cleaned and are lice-proof, there being no hiding places for vermin. Price per set, \$3.75.

Pigeon Nests.

These nests are moulded from clay, and are heavy, so they cannot tip over. They make the best nests for pigeons.

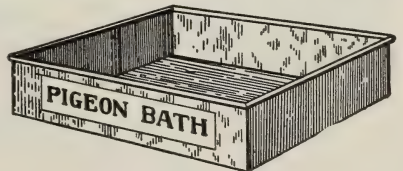
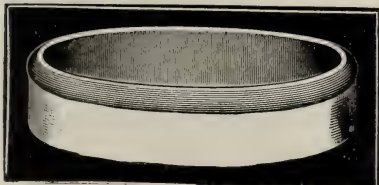
Prices: Each, 10c.; per 6, 50c.; per dozen, \$1.00. Larger size, 15c. each.



Pigeon Baths.

Twelve inches diam. by 3 inches deep. Being made of glazed stoneware, it is easy to clean, 25c. each.

Galvanized Iron Baths, to hold 5 gals. each, \$1.00.





Feed Pans.

No. 1, 6 x 7 x 1 1/4 deep, capacity 1 quart. Price, 15c. each; \$1.50 per doz.
 No. 2, 7 3/4 x 8 1/2 x 1 1/2 deep, capacity 1 1/2 quarts. Price, 20c. each; \$2.00 per dozen.
 No. 3, 18 x 6 x 2 3/4 deep, capacity 5 quarts. Price, 35c. each; per 3, \$1.00; per dozen, \$3.50.

Wall Feed Pan. For feed, grit, shell, bone, charcoal, water, etc. Twenty-three inches long, holding 3 quarts. Price 35c. each; 3 for \$1.00; \$3.50 per dozen.



Peerless Hoppers.

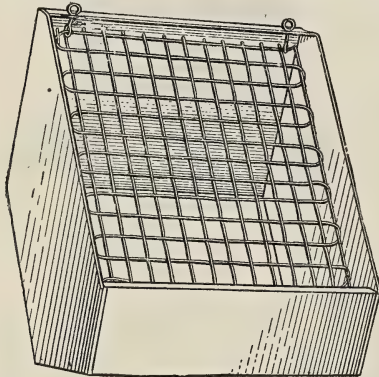
Should be hung high, as shown in illustration, to give them exercise.
 8 quart, 12 to 15 birds, \$1.00
 16 quart, 15 to 30 birds, 1.50
 32 quart, 30 to 50 birds. 2.00

1-2-3 Feeders.

Made in two sizes. Each has a movable partition, enabling you to give one, two or three different dry feeds at a time. Prices, 50c. and 75c. each; \$5.50 and \$8.00 per doz.

Sexton Dry Mash Hopper.

Meets the want of all poultrymen who are looking for a feeder to place dry mash in so it will be kept clean, and not allow the birds to waste it. It will save its cost in one winter on feed. Price, \$1.00 each; \$11.00 per dozen. Small. 90c. each, 6 for \$5.00.



The Boston Hopper.

also saves the mash feed. Price, \$1.00 each.

Hub Chick Feeders.

Price, 35c. and 50c. each.

Self-Feeding Boxes.

No. 1, three apartments, each holding about 3 pints.

No. 2, two apartments, each holding about 3 and 6 quarts.

For feeding grit, shell, bone, charcoal, beef scrap, or any dry food. Made of heavy galvanized iron, to hang on one or two nails. Saves labor, time and waste. Neat, cheap and convenient; will last a lifetime with ordinary usage.

Prices: No. 1, 50c. each; \$5.50 per dozen. No. 2, 75c. each, \$8.50 per dozen.

Atsatt's Chick Feeder.

Is just the thing to keep feed clean in a brooder. Price, 25c. each; \$2.50 per dozen.

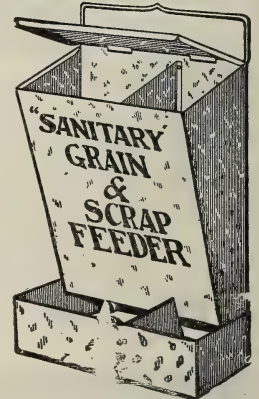
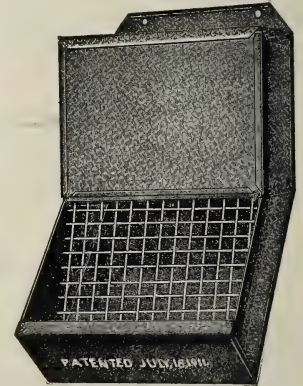
Stone Rabbit Feeders.

Also very handy for chick or puppy feeder. Price, 10c. each.

Stone Dog Feeders.

Easily cleaned, and keeps food and floor clean. Price, 20c. each.

No Waste. Dry grain feeder and exerciser. 8-qt. size, \$1.50; 16-qt. size, \$2.00.



Parcel Post Boxes for Eggs.

The maximum of lightness and great strength combined.

- To hold 1 dozen, \$5.00 per hundred; \$0.75 per dozen; 7c each; weight per dozen, 6 pounds.
- To hold 2 dozen, 7.00 per hundred; 1.00 per dozen; 10c. each; weight per dozen, 10 pounds.
- To hold 3 dozen, 9.00 per hundred; 1.25 per dozen; 12½c. each; weight per dozen, 14 pounds.
- To hold 4 dozen, 11.00 per hundred; 1.50 per dozen; 15c. each; weight per dozen, 18 pounds.
- To hold 5 dozen, 13.00 per hundred; 1.75 per dozen; 17c. each; weight per dozen, 21 pounds.

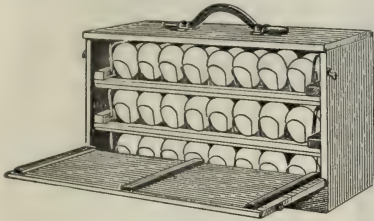
Telescope Egg Boxes.

For delivery to family trade, holding 12 eggs each. The saving on breakage in a short time will pay for a quantity of these boxes. Prices: 15c. doz.; 90c. per 100; \$7.50 per 1,000; \$8.50 per 1,000 with special print; \$16.00 for 2,000 special.

Houghton's Wire Egg Carrier.

Is the latest invention in wire and wood for shipping fresh eggs. All the eggs can be examined quickly by simply removing the wire trays. See illustration.

Carrier trays and case combined, 6 dozen, \$1.00; 9 dozen, \$1.25; 15 dozen, \$1.80; 30 dozen, \$2.75.



Anderson and Eyrie Egg Boxes.

Made of corrugated paper, light but strong and safe for expressing.

Prices: Anderson, 15 eggs, 12c. each; \$1.25 per dozen; 30 eggs, 18c. each; \$1.90 per dozen. Eyrie, 15 eggs, 15c. each; \$1.50 per dozen; 30 eggs, 20c. each; \$2.25 per dozen. Anderson, 50 egg size, 25c. each; \$2.70 per dozen. Parcel post weights: 15-egg size, 1 lb.; 30-egg size, 2 lbs.; 50-egg size, 2½ lbs.

Day-Old Chick Shipping Boxes.

25-chick size, 15c. each; \$1.50 dozen. 50-chick size, 20c. each; \$2.00 dozen; 100-chick size, 30c. each; \$3.00 dozen.

Mann Green Bone Cutters.

No. 7 is the size we recommend for the average poultryman. It is large enough to supply 25 to 100 birds. Price, \$12.00.

Bench Bone Cutter. No. 5B, with heavy balance wheel, \$8.00.

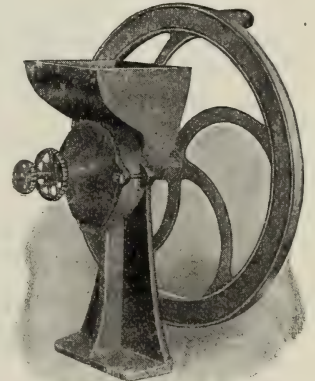
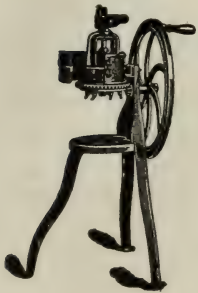
No. 7½ is like No. 7, except has power equipment as well as hand. Price, complete, \$16.00.

No. 9. Largest hand cutter. Price, \$18.40.

No. 9 can be used with power by purchasing extra parts, making it into a No. 11, for \$7.60 extra; total, \$26.00.

No. 12. Power cutter. can easily cut 100 lbs. of bone per hour. Price, \$30.00, delivered.

New knives, 40c. each; set of six, \$2.00.

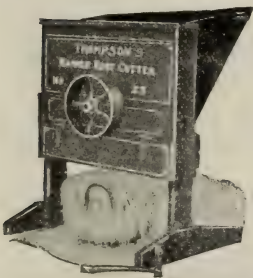


Stover Grinding Mill.

For grinding dry bones, shells, corn, wheat, etc., easily at small cost. Price, No. 32, \$4.50; No. 33, \$5.00. Write for description of larger sizes.

Banner Root Cutters Nos. 7 and 28.

Here are illustrations of the Banner Nos. 7 and 28 Root and Vegetable Cutters, a machine made expressly for poultrymen. It quickly cuts the vegetables into long, round, ribbon-like slices that resemble a bunch of angle worms, which fowls readily eat up to the last morsel. The value of this kind of food once or twice a day, as an egg producer, is unequaled. It also puts the fowls into a fine healthy condition, acting as a gentle tonic and laxative. This machine will pay for itself in a short time. It is a valuable addition to the poultry house, and is highly recommended by the best poultry experts in the country. Prices, \$5.00 and \$18.00 F. O. B. New Haven.



Caponizing Sets.

Poultry keepers can double their profits by caponizing their young roosters. The operation is very simple, full directions accompanying each set. Caponizing changes the disposition of the fowl. He becomes lazy and puts on flesh astonishingly fast, often weighing 10 to 15 pounds. The demand far exceeds the supply, even though the price of capon is double that of ordinary fowls.

Price, complete, \$2.50. In wooden case, \$2.75.

WILL MAKE HENS LAY



WILL MAKE CHICKS GROW.

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SOMETHING TO CROW ABOUT

HEN-E-TA

ABOUT 30% PURE BONE ASH

NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED

NO MORE BONE CUTTERS NEEDED

NO MORE BEEF SCRAPS NEEDED

NO MORE CHARCOAL NEEDED

NO MORE OYSTER SHELLS NEEDED

100 LB. BAG \$2.25 | 50 LB. BAG \$1.50

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NEWARK, N.J. DEPT. A FLEMINGTON, W.VA.

- GUARANTEED**
- ### Economies of "Hen-e-ta"
1. Saves all other bone.
 2. Saves all other grit.
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 10. Produces larger and harder-shelled eggs.
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Hen-e-ta, \$2.25 per hundred. Special price on quantity.

Practical Poultry Books.

Cyphers Series.

Book No. 1. Profitable Poultry Keeping in All Branches. Price, 50c.

Book No. 2. Profitable Care and Management. Price, 50c.

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Book No. 5. Profitable Market Poultry. Price, 50c.

Book No. 6. Capons for Profit. Price, 50c.

Book No. 7. Poultry Plant Construction. Price, \$1.00.

Book No. 8. Profitable Poultry Feeding. Price, 25c.

An Assortment Totaling \$2.50 for \$2.00, or All Above for \$3.50.

Reliable Poultry Publishing Company's Books.

Plymouth Rocks. Price, \$1.00.

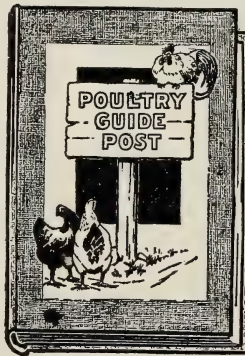
Orpingtons. Price, 75c.

Wyandottes. Price, \$1.00.

R. I. Reds. Price, 75c.

The Leghorns. Price, \$1.00.

Poultry Houses and Fixtures. Price, 50c.



Park's Poultry Guide Post.

The Best Book Yet.

\$1.00, postpaid.

The Million Egg Farm.

Just what the name implies.

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Standard of Perfection.

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Bennett's Record and Expense Book. Good for one year. 25c., postpaid.

Waller's Complete Poultry Record. Good for eight years. \$2.00 copy, postpaid.



French Poultry Killing Knife.

These are made of finely tempered steel, with nickled handle, and will last a lifetime. Price, 50 cents each.

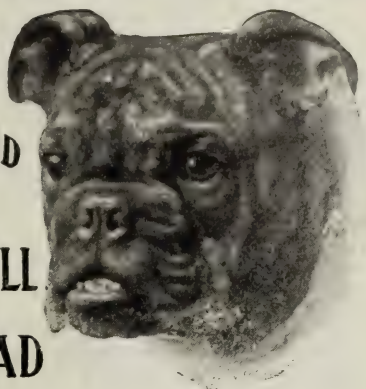
Pilling's Poultry Killer.

By simply a turn of the wrist the jugular vein is severed, bleeding the fowl to death, making dry picking easy. Price, 50 cents.

Pet Dog and Puppy Bread.



WE
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OLD
GRIST MILL
DOG BREAD

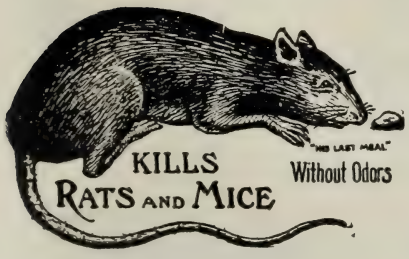


Austin's and Old Gristmill. 1-lb. large cakes, bulk, 8c.; 4 lbs., 25c.; 17 lbs., \$1.00; 100 lbs., \$5.50.
Puppy Cakes, in cartons, 1 lb., 10c.; 3 lbs., 25c.

Cero Meato.

Excellent for young or old dogs. Large carton, 25c.; 5 cartons, \$1.00; 100 lbs. bulk, \$5.00.

Canned Meat. 3-lb. can, 25c.; 5 cans, \$1.00.
Cat Food. Per pkg., 10c.; 1 doz. pkgs., \$1.10.



A SAFE, SANE AND SANITARY
Solution of
THE RAT PEST IS

RAT CORN

25c. and 50c. sizes. Postpaid.

It mummifies the rodents, eliminating all nauseous odors. It will not kill human beings or farm stock.

Glazed Stone Butter Jars.

Just the thing for packing away butter, pork, pickles, mince-meat, eggs, etc. Price, 1-gal, with cover, 20c.; 1½-gal., 25c.; 2-gal., 30c.; 3-gal., 45c.; 4-gal., 55c.; 5-gal., 65c.; 6-gal., 80c.; 8-gal., \$1.00; 10-gal., \$1.25; 12-gal., \$1.55; 15-gal., \$2.00; 20-gal., \$2.70; 25-gal., \$3.95; 30-gal., \$4.50.

Lime for Whitewashing.

Best quality, with directions on how to apply. Price, 3-lb. can, 10c.; three for 25c.

Lightning W. W. Spray Pumps

Price, \$1.50 galvanized, and \$2.00 brass.

Galvanized Ash Cans.

Excellent for keeping dog food and chicken feed away from rats and mice. Extra heavy, \$1.75 each; with cover, \$2.00; \$19.50 and \$22.50 per dozen.

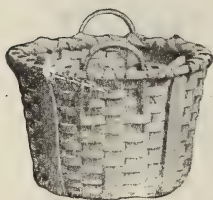
Salt Cat for Pigeons.

15c. per cake; six for 75c.

Headquarters for Baskets.

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We carry in stock at all times a large assorted stock of high grade baskets. If you need baskets for some special purpose, give us a call. Low prices, but the best goods. Many of the baskets have extra strong staves or iron straps to take the wear.



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Half-bushel and bushel baskets, 20c. to 60c. each.

Strawberry Baskets, 10c. doz.; 50c. per 100. Special prices in lots of 1,000.

Peach Baskets, \$1.25 per 25; \$4.00 per 100. Special prices in lots of 1,000.

Pansy Baskets, 20c. per doz.; \$1.10 per 100. Special prices in lots of 1,000.

Picking Baskets—Elm, Oak or Rattan. 4 qt. to 1/2-bu., 20c. to 45c. each.

Woven Round Baskets—Elm, Oak or Bamboo. 35c. to 75c. each

Potato Baskets, 3 to the barrel, Bamboo. 50c.

Navy Coal Baskets, One Bushel, Bamboo, 90c.

Oyster and Clam Baskets, with tight bottom for coal, 50c. to 75c.

New Style and Standard Bamboo Butchers. 1/4 bu. to 2-bu., 35c. to 90c.

Display Baskets, 20c., 25c. and 30c.

Office Baskets, 65c.

Open Market—Ash or Rattan, 25c. to 45c. Covered Market—Ash, 40c., 45c., 50c.

Ash Lunch, Single Covers, Swing Handles, 30c. to \$1.00. A popular style.

Maple Satchel, 10c., 15c., 20c. and 25c. each.

Diamond Clothes Baskets, 45c.

Ash Clothes Baskets, 50c., 60c., 70c., 80c. and 95c.

Rattan Clothes Baskets, 65c., 80c., 90c., \$1.00 and \$1.10.

Diamond Market Basket, 10c.



Colic Cure, 50c. bottle.

Veterinary Liniment, 25c. bottle.

Healing Ointment, 25c. box.

Harness Soap. 15c per cake; \$1.50 per doz.

Worm Powder, 25c and 50c. box.

Heave Cough and Cold Cure, 50c per box.

Pratt's Animal Regulator.

Pratt's Animal Regulator (Pratt's Food highly concentrated) contains exactly the same merits, advantages, ingredients, etc., as Pratt's Food, but it is more economical to feed, and only a small measureful is required.

PRICES. 1 1/4-lb. package, 25c.; 2 1/2-lb. package, 50c.; 4 1/2-lb. package, 75c.



Pilling Milking Tubes.

Prices: Plated, 25c.; Solid Coin Silver, 40c. and up, according to size, 1 1/2 inches to 4 1/4 inches long.

Pilling Hard Milker Outfit Cure. Price \$3

We handle a large assortment of Pilling Instruments.



Hand Separator Oil.

Price, 1 qt., 25c.; 1 gal., 75c.

Lawn Mower Oil.

Price, 1/4-pt., 10c.; 1 pt., 15c.

Gas Engine Oil.

Price, 1 qt., 25c.; 1 gal., 75c.; 5 gals. @ 65c.

Ruddy Harvester Oil.

Price, 1 qt., 25c.; 1 gal., 75c.

BEES AND SUPPLIES.

ROOT'S SPECIALTIES AT FACTORY PRICES.

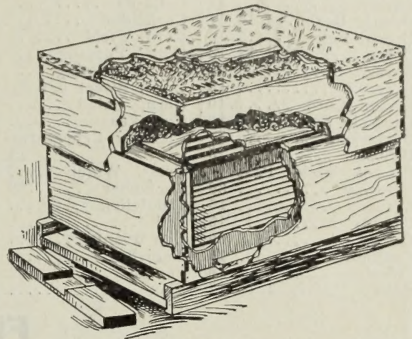
CATALOGUE ON APPLICATION

BEE HIVES.

The Buckeye.

The Buckeye or Double Walled Hive is the one most suited to our changeable climate. A well-made double walled hive, with spaces between the walls filled with packing material, will furnish more bees for the harvest, more honey, and more comb to store it in than any single walled hive. As the name signifies, this packed hive has two walls of three-eighths lumber, lock cornered together. The top of the brood chamber is so constructed that any of the furniture, hive bodies, or supers, that fit the regular single walled hives, will also fit our double walled chaff hive.

The cover is protected with roofing tin and cannot leak. New style moveable bottom. This hive is made only in 10 frame size.



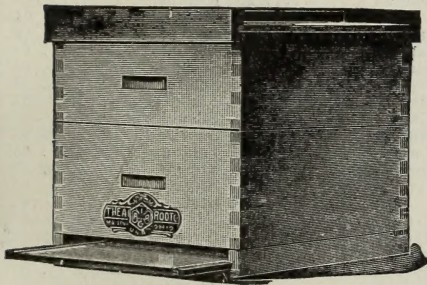
One story Buckeye Hive, no super, with one inch starters,	\$4.00
One and one-half story with sections and one inch starters, 4¼ x 17⁄8 sections, or 4¼ x 1½ sections,	5.05
One and one-half story with sections 4 x 5 x 13⁄8 D super,	5.20

Danzenbaker Hives.

One-story Danzenbaker Hive, with one-inch starters, complete,	\$2.20
One and one-half-story Danzenbaker Hive, with 4 x 5 sections and one inch starters,	3.40
One and one-half-story Danzenbaker Hive, including sections and full sheet foundation,	4.75

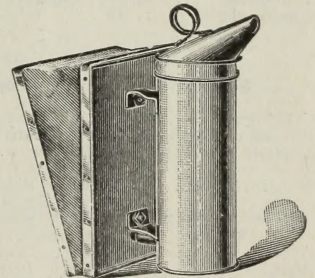
Langstroth Hives.

One-story Langstroth Hive, one inch starters,	8 Frame. \$2.15	10 Frame. \$2.25
One-story Langstroth Hive, full sheet foundation,	3.00	3.30
One and one-half story Langstroth Hive, with 4¼ Beeway or plain sections, one inch starters,	3.15	3.30
One and one-half story Langstroth Hive, with 4¼ Beeway or plain sections, full sheet foundation,	4.40	4.80



ROOT SMOKERS.

Jumbo, 4 inch,	\$1.25; postage by P. P., 2 lbs.
Standard, 3¼ inch,	.85; postage by P. P., 2 lbs.
Junior, 2½ inch,	.65; postage by P. P., 1½ lbs.



A. B. C. OF BEE CULTURE.

Cloth bound, \$1.50; printed in German, \$2.50.

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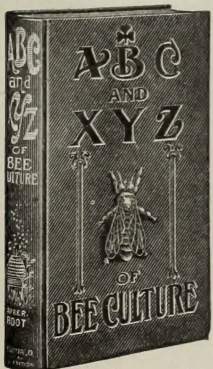
Of heavy drilling. Price, 50c.

VEILS.

Prices, 30c. to \$1.00.

GLEANINGS IN BEE CULTURE.

A live weekly publication of interest to bee keepers. Subscriptions, \$1.00 per year.



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TEST YOUR SEED

Before planting your crops. OUR "CLOSE TO NATURE" GRAIN SPROUTERS will do the trick to perfection. You can not only test your seeds in early spring, but you can sprout oats at the same time for your chickens.

No. 1, with three trays	\$6.00	No. 2, with four trays	\$7.25
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Three larger sizes delivered free.

A TABLE

Showing the number of pounds per bushel, quantity usually sown per acre.

	Lbs. per bushel.	Quantity usually sown per acre.		Lbs. per bushel.	Quantity usually sown per acre.
Barley, broadcast	48	2 to 3 bush.	Melon, Water, in hills		3 to 4 lbs.
Beans, dwarf in drills	60	1½ bush.	Millet, broadcast	48	½ to ¾ bush.
Beans, pole in hills	60	10 to 12 qts.	Millet, Japanese	32	20 lbs.
Beets, in drills		5 to 6 lbs.	Oats, broadcast	32	2½ to 3 bush.
Beets, in drills, Mangel Wurtzel		4 to 5 lbs.	Onion, in drills		5 to 6 lbs.
Broom Corn, in hills		8 to 10 qts.	Onion, for sets, in drills		30 lbs.
Buckwheat	48	1 bush.	Onion Sets, in drills		8 to 12 bush.
Cabbage, in beds to transplant.	50	¼ lb.	Parsnip, in drills		4 to 6 lbs.
Carrot, in drills		3 to 4 lbs.	Peas, Green Wrinkled	56	1¼ to 1½ bush.
Clover, red	60	15 to 20 lbs.	Peas, Cow	60	2 bush.
Clover, white	60	12 to 15 lbs.	Peas, Round Hard, in drills...	60	1½ bush.
Clover, Alsike	60	10 lbs.	Peas, broadcast	60	3 bush.
Clover, Lucerne or Alfalfa	60	20 lbs.	Potatoes, cut tubers	60	6 to 10 bush.
Corn, in hills	56	8 to 12 qts.	Pumpkin, in hills		4 to 6 lbs.
Corn, for soiling	56	3 to 4 bush.	Radish, in drills		8 to 10 lbs.
Cucumber, in hills		2 lbs.	Rape, Dwarf Essex	50	5 to 10 lbs.
Flax, broadcast	56	1 bush.	Rye, Spring, broadcast	56	1½ to 2 bush.
Grass, Kentucky Blue	14	2 bush.	Rye, Fall, broadcast	56	1½ to 2 bush.
Grass, Kentucky Blue, Fancy..	25	¾ to 1 bush.	Sage, in drills		6 to 8 lbs.
Grass, Orchard	14	3 bush.	Salsify, in drills		8 to 10 lbs.
Grass, English Rye	20	2 bush.	Speltz, Emmer	32	1½ to 2 bush.
Grass, Sweet Vernal	12	1½ bush.	Spinach, in drills		10 to 15 lbs.
Grass, Red Top, Chaff	14	1 to 2 bush.	Squash (bush varieties), in hills		4 to 6 lbs.
Grass, Red Top, Recleaned,			Squash (running varieties) ...		3 to 4 lbs.
Fancy	35	½ to ¾ bush.	Sugar Cane		12 lbs.
Grass, Rhode Island Bent ...	12	1 to 2 bush.	Tomato, to transplant		¼ lb.
Grass, Timothy or Herd's Grass	45	½ bush.	Turnip, in drills	50	1½ to 2 lbs.
Grass, Hungarian	48	½ to ¾ bush.	Turnip, broadcast	50	¾ to 1½ lbs.
Grass, Mixed Lawn	20	3 to 4 bush.	Wheat, Spring	60	2 bush.
Hemp	40	1½ bush.	Wheat, broadcast, Winter	60	2 bush.
Kale	50	5 lbs.	Vetch, Spring	60	2 bush.
Mustard, broadcast	50	½ bush.	Vetch, Winter	60	1 bush.
Melon, Musk, in hills		2 to 3 lbs.			

The number of plants, trees, etc., required to set an acre.

Distance.	Number.	Distance.	Number.	Distance.	Number.
1 ft. by 1 ft.	43,560	3 ft. by 3 ft.	4,840	15 ft. by 15 ft.	194
1½ ft. by 1½ ft.	19,360	4 ft. by 4 ft.	2,722	18 ft. by 18 ft.	134
2 ft. by 2 ft.	10,890	5 ft. by 5 ft.	1,742	20 ft. by 20 ft.	105
2½ ft. by 2½ ft.	6,970	6 ft. by 6 ft.	1,210	25 ft. by 25 ft.	70
3 ft. by 1 ft.	14,520	9 ft. by 9 ft.	537	30 ft. by 30 ft.	40
3 ft. by 2 ft.	7,260	12 ft. by 12 ft.	302	40 ft. by 40 ft.	27



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