

BOLGIANO'S of BALTIMORE

Seed Annual for 1925






Bolgiano's
Monumental
Tomato

BOLGIANO'S of BALTIMORE FREE FLOWER SEED



BOLGIANO'S OF BALTIMORE FREE FLOWER SEED

Everyone has a natural love of flowers, and Bolgiano of Baltimore, appreciating this fact, offers with every order of garden or flower seed only, received to June 1, 1925, amounting to \$1.00 or more, one packet each of the following flower seeds Free: Mixed Asters, Nasturtiums, Sweet Peas, Pansies and Verbena; five packets in all. This offer applies to an order for \$1.00 or more of garden and flower seeds only, not to each dollar of the order. These flowers are illustrated on this page.   

BOLGIANO'S SEEDS

TESTED AND TRUSTED OVER A CENTURY

HOW TO ORDER BOLGIANO'S SEEDS—READ CAREFULLY

We Fill Orders of All Values, from the Smallest to the Largest, and All Receive the Same Careful and Prompt Attention. Prices in this Catalogue are Subject to Market Changes—Special Quotations Promptly Given

FREE DELIVERY BY MAIL. We deliver free to any postoffice in the United States all Vegetable and Flower Seeds offered in this Catalogue by the packet, ounce, quarter-pound and pound with certain exceptions which are plainly marked.

When Best to Order. We are supplied with New Crop Seeds and fully equipped for filling orders. Order at once, so that you can have your seed on hand ready to start planting your crops at the proper time without delay.

One or Two Cent Postage Stamps. We will accept the same as cash. Do not send other kinds.

Use Our Order Blank If You Have One. If you haven't one, use any plain paper.

Tell Us In Your Own Way What You Want, in any language. Enclose in your letter the amount of money, either a postoffice money order, which you can get at the postoffice, an express money order, which you can get at the express office, or a draft, which you can get at any bank, or put the money in your letter, take it to the postoffice and tell postmaster you want it registered.

Be Sure to Sign Your Name and Address. If by boat or railroad, say distinctly which boat or railroad to ship by, and if freight has to be prepaid, add this amount to your order to prevent delay.

Change of Address. If you have changed or intend to change your address, please let us know; we will change it on our books, so that you will receive our Catalogue at your new postoffice. We thank you for doing this.

Market Gardeners, Farmers' Clubs and Institutions wanting to purchase seeds in unusually large quantities should write for special prices. We have made prices very low in this Catalogue, yet when a number of bushels or pounds are wanted we can frequently supply at lower price than by the single pound or bushel. In writing give us a list of quantities and varieties required, and we will return list promptly with our lowest price for the lot.

Always Remember That We Can Save You Money, No Matter Where You Live. Write us about any seed you would like to know of, and your letter will be answered the same day it is received. If you wish to know exactly what the freight or express would be on any article to your station, write us and we will tell you.

AS TO WARRANTY, We Believe Our Seeds will produce for you the best crops you have ever grown, and to show what confidence we have in our seeds, if they prove otherwise than represented by us, we will refill your order free of charge; but it must be agreed that we do not warrant the crops grown therefrom, either expressed or implied, as to description, purity, productiveness or any other matter, and we will not be in any way responsible for them. If the purchaser does not accept our seeds, etc., on these terms they are at once to be returned and the money that has been paid for the same will be refunded. We appreciate your orders and they receive our prompt attention.

UNITED STATES PARCEL POST RATES—FOURTH-CLASS MATTER SEEDS, PLANTS, BULBS, ROOTS, GARDEN, LAWN AND POULTRY SUPPLIES

SIZE OF PARCEL THAT CAN BE SENT BY PARCEL POST

Size of package that can be sent by Parcel Post cannot be over 84 inches in length and girth combined.

The rate of postage on mailable parcels of seeds, cuttings, bulbs, roots and plants, weighing 8 oz. or less, shall be 1c for each 2 oz. or fraction thereof, regardless of distance, and on those weighing more than 8 oz. the pound rates shown in table shall apply.

WEIGHTS BY PARCEL POST

Parcels up to 70 lbs. can be sent by Parcel Post in the local, 1st, 2nd and 3rd zones, and up to 50 lbs. in all other zones.

To points further than the 2nd zone, on weight of over 10 lbs., the charge by freight or express is usually more economical.



United States Parcel Post Map Showing Zones from Baltimore, Md.

Rate Table	First Lb. or Fraction	Each Additional Lb. or Fraction
------------	-----------------------	---------------------------------

Local Rate, Baltimore and Suburbs only.....	5c	½c
First Zone, within 50 miles of Baltimore City...	5c	1c
Second Zone, within 150 miles of Baltimore City..	5c	1c
Third Zone, within 300 miles of Baltimore City..	6c	2c
Fourth Zone, within 600 miles of Baltimore City..	7c	4c
Fifth Zone, within 1,000 miles of Baltimore City..	8c	6c
Sixth Zone, within 1,400 miles of Baltimore City..	9c	8c
Seventh Zone, within 1,800 miles of Baltimore City	11c	10c
Eighth Zone, all over 1,800 miles from Baltimore..	12c	12c

On most of the articles listed in this Catalogue, we have given the mailing weight. By referring to the Parcel Post Map above, you can easily see in what zone you are located, and from Rate Table, you can easily determine the amount of postage required.

THE J. BOLGIANO SEED CO.

FOUNDED 1818

SUCCESSORS TO J. BOLGIANO & SON

INCORPORATED 1921

E. A. LUCEY, President

W. H. MIHM, Treasurer

F. D. MANNING, Secretary

LIGHT & PRATT STREETS

BALTIMORE, MD.



⁴¹⁵ Bolgiano's Masterpiece Lettuce

**Sure Header, Solid and Beautifully Blanched. Crisp, Mild,
Tender and Deliciously Flavored**

Since its introduction by us in 1920, thousands of lettuce growers located in all sections of the country are unanimous in pronouncing this lettuce to be a sure header. It is very solid, crisp, beautifully blanched and has a mild, tender, sweet and delicious flavor. It will keep crisp, tender and sweet no matter how long it remains in the garden. It is slow to go to seed. It grows a good size, well defined head, usually measuring twelve inches in circumference, and the entire plant makes a very attractive appearance. Can be grown in the open ground after danger of frost is over, all during summer and early fall. It never spots, or turns dark, and is free from bitterness. This lettuce will please the most critical market gardeners, is equally well adapted for the home garden, nearby markets or long-distance shipment. It will do well in any section of the country. Pkt. 10c. Oz. 40c. $\frac{1}{4}$ Lb. \$1.15. Lb. 4.00. Postpaid.



600 **Bolgiano's Monumental Tomato**

Introduced by us to our friends last year has met with the deserved success we anticipated it would; those of our friends who were fortunate enough to secure some of this seed last year are unanimous in extolling its praise. It has fully measured up to the description we printed in our 1924 catalogue and we are greatly gratified to know that we have been able to again supply the Tomato grower with a variety of real merit, one that we consider stands at the very top embracing all the good qualities of a medium late tomato. The Monumental comes to maturity about 5 days later than the extra early varieties, is an exceptionally heavy yielder (see our front page reproduction of an actual photograph of a single plant) bearing throughout the season, holding its size to the last picking. It is large, solid, with no core and very small seed cavity, almost perfectly round or globe shape with very slight, almost imperceptible indentation at the stem and none at the blossom end. A beautiful brilliant red, it colors evenly to the stem. It bears its fruit in clusters well to the centre of the hill. Its keeping qualities are unequalled, green fruit taken from the vines ripened up perfectly after having been picked for two and three weeks making it an ideal variety for long distance shipping. For the market gardener who takes pride in supplying his trade with something fancy it is just the variety he should grow. For the grower who supplies the canner and the canner who furnishes seed to his growers we are sure a trial will convince of its superlative merits. For the home gardener it is ideal. Pkt. 25c. Oz. \$1.50. $\frac{1}{4}$ lb. \$4.50. Lb. \$15.00. Postpaid.

440 Washington Asparagus

This exceedingly resistant variety was developed by the United States Department of Agriculture. It is the finest of the large type asparagus. Its quick growing habit makes it extremely tender. It is vigorous in growth, of a deep green color, with a purple tinge, a decidedly good variety for the commercial grower and unexcelled for the home garden. The flavor is excellent, having a peculiar and pleasing sweetness. You should give this variety a trial, either by planting the seed or the roots. Pkt. 10c. Oz. 30c. $\frac{1}{4}$ Lb. 90c. Lb. \$3.00. Postpaid.

For prices of roots see page 30.



Washington Asparagus

This is an entirely distinct variety. The bulbs develop in a remarkably short time, and can be used or sold when very young. Absolutely perfect in shape, almost round and of good size, with a very slim tap root. The leaves are green with dark crimson ribs. Bonfire Beet holds its unusually deep rich crimson color when cooked, making it very valuable for canning and pickling, and simply perfect for table use. Bonfire Beet is fine grained, tender and sweet, is never woody, or stringy. You will always plant this beet after you have once given it a trial. Pkt. 10c. Oz. 15c. $\frac{1}{4}$ Lb. 40c. Lb. \$1.25. Postpaid.

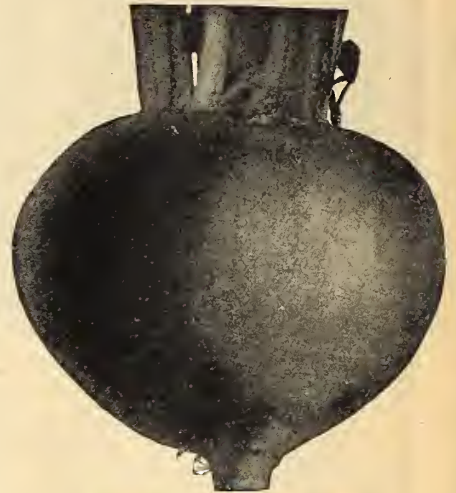


Bolgiano's Early Spring Beet

Beet Collection

This collection contains one packet each of **Bolgiano's Bonfire Beet**, **Bolgiano's Early Spring Beet**, and **Bolgiano's Deep Blood Beauty Beet** mailed to you postpaid for 25c.

295 Bolgiano's Early Bonfire Beet

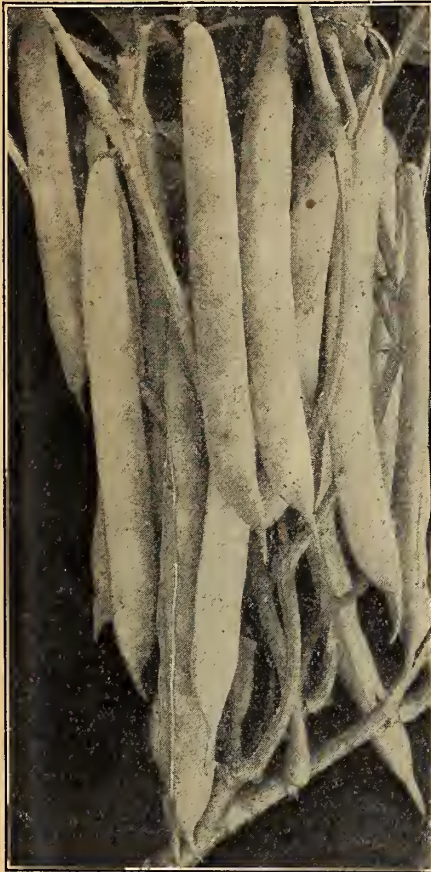


Bolgiano's Early Bonfire Beet

377 Bolgiano's Early Spring Beet

Bolgiano's Early Spring Beet, introduced by us in 1916, has proven to be one of the best and earliest beets yet offered the market gardener. Wherever it has been used, it has brought forth unstinted praise and recommendations. It is the first beet to be brought to market, always bringing the highest prices. It is perfect in shape, of the globe type, with small tap roots and small tops. The flesh is a deep red, fine grained, and exceptionally tender and sweet. It may be sown under glass, or in the open field, and will mature much earlier than other early varieties. We are constantly reselecting and improving our stock, and we believe we are offering you the earliest and best beet on the market today in Bolgiano's Early Spring. If you have never tried this beet, you should do so this Spring. Pkt. 10c. Oz. 15c. $\frac{1}{4}$ Lb. 50c. Lb. \$1.75. Postpaid.

We pay postage only on 10c packets of Beans; on larger quantities postage extra and must be included in remittance. Parcel Post charges, see page 1



Bolgiano's May Queen Beans

1001 **Bolgiano's Hardy May Queen Beans**

This excellent bean is still a favorite with the market gardener, having become an indispensable variety with many of our customers. It is remarkably early, exceedingly prolific and its extra large, finely shaped, straight, dark green pods are always solid. It is a most excellent shipping bean, carrying in fine shape for many days after it is picked. Handsome in appearance. Vine vigorous and hardy holding pods well up from the ground. Pods 5 to 6 inches long, thick, meaty and tender. This is just the bean for the South to ship to the northern market because the pods retain their color and freshness. It has been grown very successfully as a late crop. Pkt. 10c. Lb. 35c. 2 lbs. 65c. 5 lbs. \$1.50. 15 lbs. \$3.30.

1311 **Full Measure Beans**

Bolgiano's Special Stock

This variety is gaining rapidly in popularity and justly so, as it is one of the best of the stringless beans. Its handsome round pods are from 5½ to 6 inches long, slightly curved and borne in great quantities on the heavy light green foliage. It is desirable for use as a late crop, as the heavy foliage protects the blossoms and young tender beans. The quality of this bean is excellent and it deserves to be more popular, and it will be as soon as it is better known. Pkt. 10c. Lb. 35c. 2 lbs. 65c. 5 lbs. \$1.50. 15 lbs. \$3.30.



Full Measure Beans



Burpees Stringless Green Pod Beans

Burpees Stringless Green Pod Beans

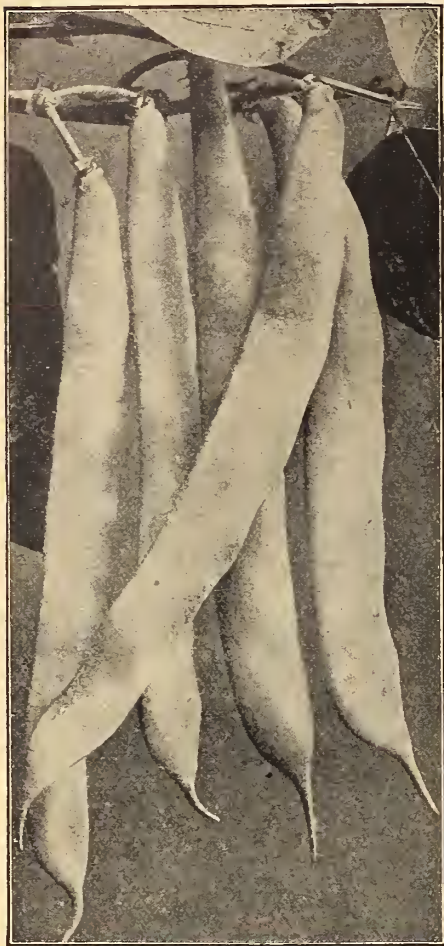
Bolgiano's Specially Selected Stock

This popular stringless bean grows handsome light green pods which are crisp, full, fleshy and produced in great abundance, retaining their color and edible qualities longer than any other known variety.

The plants are of spreading habit and medium large. The pods even when fully grown retain their superb qualities. The crop of seed this year is short and will not be sufficient to meet the demand, we therefore recommend ordering early to avoid disappointment. Pkt. 10c. Lb. 35c. 2 lbs. 65c. 5 lbs. \$1.50. 15 lbs. \$3.30.

Green Podded Bean Collection

We will mail to any address one packet each of the three delicious beans described above, all of which we highly recommend, for 25c, postpaid.



Truckers Reward

pod resembles the Davis and Wardwells but are plumper, longer and straighter averaging 7 to 8 inches in length, and are of a clean light waxy yellow color. Pkt. 10c. Lb. 35c. 2 lbs. 65c. 5 lbs. \$1.50. 15 lbs. \$3.30.



Bolgiano's Best Yet Wax Beans

We pay postage only on 10c packets of Beans; on larger quantities postage extra and must be included in remittance. Parcel Post charges, see page 1

1183 Bolgiano's Truckers' Reward Wax Beans

This bean, introduced by us in 1912, still retains its popularity where a Flat Wax variety is preferred. It is especially recommended for the beauty of its pods and the enormous productiveness of its healthy vigorous plants. The beautiful long straight attractive flat golden pods range from 5½ to 6½ inches in length, are of fine quality remaining tender and crisp for a long time. On account of their attractive appearance they are very ready sellers on the wholesale markets of the large cities and the market gardener who caters to a critical retail trade will do well to grow this bean. Pkt. 10c. Lb. 35c. 2 lbs. 65c. 5 lbs. \$1.50. 15 lbs. \$3.30.

1031 Bolgiano's Pearl Wax Bean

This bean will produce a fine crop under most adverse weather conditions. We have seen it produce beans that showed no signs of blight or rust during a season of nearly two months of continuous wet unfavorable weather. The plant is a remarkably sturdy, rank, vigorous grower producing an abundance of pods which are protected from the hot sun. This



Pearl Wax Bean

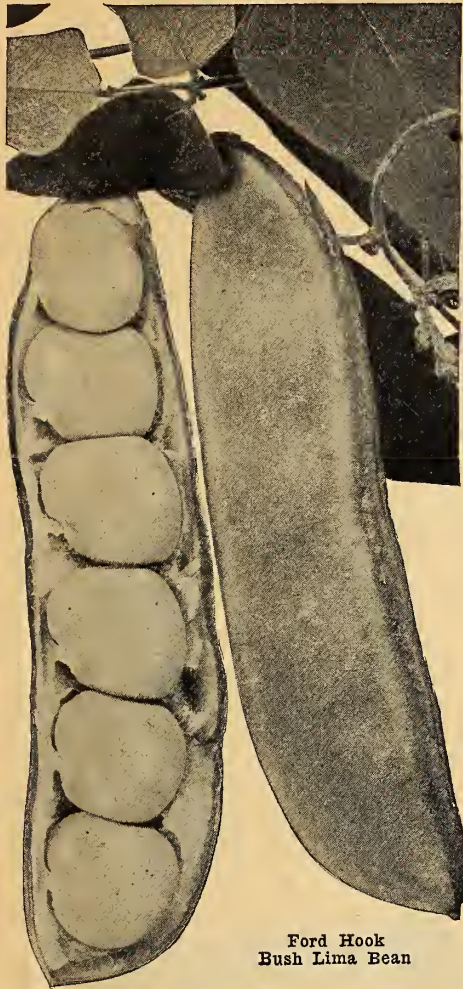
Wax Bean Collection

We will send one packet each to you of Bolgiano's Best Yet Wax Beans, Bolgiano's Truckers' Reward Wax Beans, and Sure Crop Wax Beans for 25c postpaid.

1288 Bolgiano's Best Yet Stringless Wax Bean

Beautiful Lemon Yellow Wax Pods, free of rust and blight, absolutely stringless, erect, bushy, habit reaching a height of 18 to 20 inches, thus protecting the fleshy pods from wet soils during rainy seasons. Pods are 6 to 7 inches long, rich lemon yellow in color, brittle, absolutely stringless. Best Yet is a wonderful yielder which makes it very desirable for market gardeners or canners trade; its tenderness and delicious flavor has attracted the home gardener also. Pkt. 10c. Lb. 35c. 2 lbs. 65c. 5 lbs. \$1.50. 15 lbs. \$3.30.

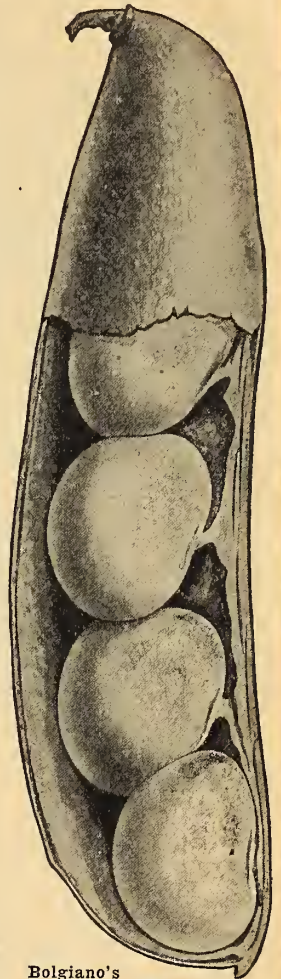
We pay postage only on 10c packets of Beans; on larger quantities, postage extra, and must be included in remittance. Parcel Post charges, see page 1



Ford Hook
Bush Lima Bean

1032 **Bolgiano's
Giant Podded Emerald Isle
Pole Lima Beans**

A marvelous yielder of great clusters of gigantic pods, filled with extra large, thick, deliciously flavored green beans. The skin is thin and tender, and will not crack when shipped to market. The mammoth pods measure 7 to 8 inches in length and 1½ to 2 inches in width; are borne in great clusters which stand out from the foliage. The vines branch, or stool out, from the main stalk close to the ground, each vine producing 10 to 15 lateral branches. These produce tremendous growth of exceptionally vigorous vines which grow 10 to 12 feet high, producing an enormous quantity of well filled pods from the bottom to the top. The seed is green and retains this color when dried. Pkt. 10c. Lb. 35c. 2 Lbs. 65c. 5 Lbs. \$1.50. 15 Lbs. \$3.30.



Bolgiano's
Emerald Isle Pole Lima

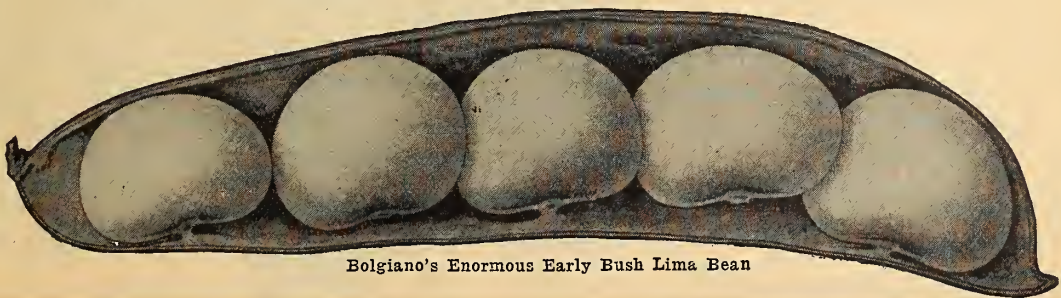
1119 **Fordhook
Bush Lima Beans**

This variety is entirely distinct, of strong erect true bush-like growth, averaging 25 to 30 inches in height, by 20 to 24 inches across the top. The foliage is of heavy texture, and very dark green color. The pods are borne in clusters of

from 4 to 8 inches and resemble those of the Dreer's Bush or Potato Lima, but average more than double the size, measuring from 4 to 5½ inches long, 1¼ inches wide, and ¾ of an inch thick, and contain three to five large delicious beans. Fordhook is a heavy yielder, and is very early, making it a favorite with the truckers and a very good variety for the home gardener. Pkt. 10c. Lb. 45c. 2 Lbs. 85c. 5 Lbs. \$2.00. 15 Lbs. \$4.50.

1035 **Bolgiano's Enormous Early Bush Lima Bean**

This wonderful bean is the earliest, largest and best of all large Limas. The vigorous bushes are filled with enormous pods. Both pods and the delicious green beans are larger and thicker than the Large Bush Limas. The plants grow upright, about 30 inches high with luxurious sheltering foliage, and bear continuously until frost. Often five to eight pods measuring 5 to 6 inches long and 1¼ inches wide are borne in clusters on one stalk. Enormous Bush Lima Beans will outyield other varieties by one-third. The seed beans are greenish, and very handsome, making a very desirable variety for shelling. Pkt. 10c. Lb. 40c. 2 Lbs. 75c. 5 Lbs. \$1.75. 15 Lbs. \$3.75.



Bolgiano's Enormous Early Bush Lima Bean



Bolgiano's Big Winner Wakefield Cabbage

25 Bolgiano's Big Winner Wakefield Cabbage

This variety, introduced by us, still holds its popularity with the truck grower and home gardener. It is as large as the Charleston Wakefield, and as early as the Jersey Wakefield. The heads are solid and heavy, making it a perfect shipping cabbage. The flavor is deliciously sweet. It has few outer leaves, and makes a handsome appearance as you will note from the photograph. The market gardener and shipper will find this variety truly a Big Winner. Pkt. 10c. Oz. 30c. $\frac{1}{4}$ Lb. 90c. Lb. \$3.00. Postpaid.

43 Bolgiano's Extra Large Late Flat Dutch Cabbage

Market Gardeners Choicest Stock

This variety has won the favor of a large number of critical market gardeners, who prefer the largest type of

Late Flat Dutch Cabbage. It is also very solid, and is not coarse, is recommended as an excellent kraut cabbage, as well as a good winter keeper. On account of its size it requires about five days longer to mature, and should be planted accordingly. Our stocks are the true type, and tested for germination. Pkt. 10c. Oz. 20c. $\frac{1}{4}$ Lb. 75c. Lb. \$2.50. Postpaid.

154 Bolgiano's Square Deal Cabbage

All that the name implies. You will never make a mistake by planting this splendid money making variety. Our stock runs exceptionally uniform, large fields showing no irregular heads. The color is a fine fresh green, heads are compact and solid, with very few outer leaves. For a fine, solid, tender, uniform, early flat cabbage, Bolgiano's Square Deal has no equal. In order to produce a cabbage of this type with all the good qualities of the Square Deal it was necessary for us to make the most careful and rigid selections over a period of years, and we are confident will give our friends a "Square Deal" every time. Pkt. 10c. Oz. 35c. $\frac{1}{4}$ Lb. \$1.00. Lb. \$3.50. Postpaid.

Cabbage Collection

We will mail, postpaid, to any address, one packet each of **Bolgiano's Big Winner Cabbage**, **Bolgiano's Extra Large Late Flat Dutch Cabbage** and **Bolgiano's Square Deal Cabbage** for 25c.

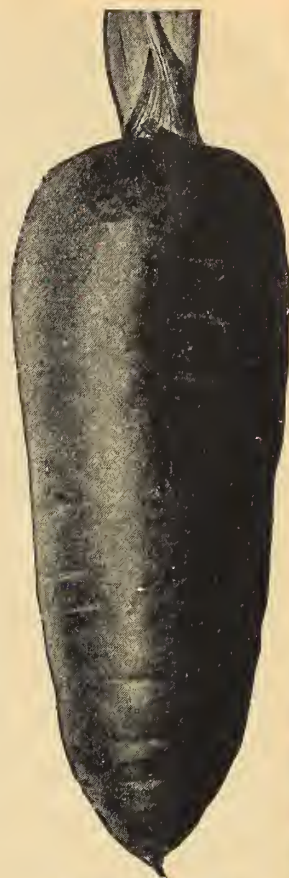


Bolgiano's
"Square Deal"
Cabbage

64 **Bolgiano's Pride of the Market Carrot**

This beautiful, shapely, half-long carrot will come almost as early as the Oxheart. Introduced by us in 1910.

This early, tender, fine grained and deliciously flavored carrot has held its leadership since its introduction, and is still one of the best varieties brought to our market. We named it Pride of the Market because it contains all the good qualities that go to make up a good carrot. The Pride of the Market is half long; deep scarlet orange, free from small side roots, small tender core, uniform and graceful. It is fine for an early crop; in mid-summer we have seen it out-sell every other variety, and for winter there is none like it. Its attractive tops remain a rich green. Pkt. 10c. Oz. 15c. $\frac{1}{4}$ Lb. 40c. Lb. \$1.25. Postpaid.



Pride of the Market Carrot

60 **Bolgiano's Extremely Early Orange Gem Carrot**

There is always the desire, in the early spring, to have the new, young, tender vegetables as early as possible, and those that are brought to the market earliest always bring the highest prices. What is more toothsome, or delicious, than young tender carrots? Our Orange Gem is the variety that will come the earliest, and its quality cannot be equalled. This very delicate, distinct variety, is unexcelled for forcing purposes, but will do well if grown in the field. Has very small, fine tops. Flesh bright orange red, very crisp, tender, and sweet without stringiness. Coreless. Grows about $4\frac{1}{2}$ inches long, $1\frac{1}{4}$ inches thick, cylindrical in shape, with blunt end and small, fine, tap root. Unsurpassed for the home gardener, and of great importance to the market gardener. Pkt. 10c. Oz. 20c. $\frac{1}{4}$ Lb. 45c. Lb. \$1.50. Postpaid.

54 **Bolgiano's New Century Cauliflower**

One of the best cauliflowers in the world. It stands supreme, in a class by itself. It heads when others fail. The large perfect heads measure from 12 to 14 inches in diameter. They are compact, deep, and solid, outweighing those of any other strain. It is the earliest of all cauliflowers. Because of its close growing compact habit and small leaves, one third more can be planted on the same space than can be done with other varieties. It is the most carefully grown cauliflower in existence. Pkt. 25c. $\frac{1}{4}$ Oz. 90c. $\frac{1}{2}$ Oz. \$1.50. $\frac{1}{4}$ Lb. \$9.00. Postpaid.

105 **Danish Giant or Dry Weather Cauliflower**

Is especially adapted for growing in dry locations where other varieties fail to make good heads. Produces large, deep, solid white heads. About a week or 10 days later than Early Snowball. Pkt. 25c. Oz. 90c. $\frac{1}{2}$ Oz. \$1.50. $\frac{1}{4}$ Lb. \$9.00. Postpaid.



Bolgiano's New Century Cauliflower

Bolgiano of Baltimore conducts besides its large mail order business, the best retail seed store in the city of Baltimore and the equal of any in the South.

Four generations of critical market gardeners located in the vicinity of Baltimore have dealt with **Bolgiano of Baltimore** through this store. **Bolgiano of Baltimore**, during its 107 years of business, has never been located more than one-quarter mile from its present site to which it moved after having been completely burned out in the big Baltimore Fire of 1904.

Carrot Collection

This collection contains one packet each of **Bolgiano's Pride of the Market Carrot**, **Bolgiano's Orange Gem Carrot** and **Bolgiano's Early Sunbeam Carrot**. Mailed to you at any address for 25c. Postpaid.



Golden Self-Blanching Celery

71 Golden Self-Blanching Celery

Bolgiano's Selected Stock

Bolgiano's French Grown Golden Self-Blanching Celery is of the most Superb Quality. Its crispness and tenderness and its delightfully rich, nutty, appetizing flavor makes it the leading variety in any market. The stalks are large, solid and a beautiful, rich golden yellow, entirely free from stringiness. It is an excellent keeper, stands shipment better than any other sort and brings the highest market prices. It is a vigorous dwarf grower, compact in growth and self-blanching to a very remarkable degree; even the ribs become a handsome, fresh, clean, yellow color, with a heart that is large and solid and of a beautiful rich golden yellow. It is quite early and easy to cultivate. In the home garden it produces golden yellow stalks very early, which are crisp, tender and nutty in flavor. It will keep in good condition until Christmas or New Year. Our stock of this most wonderful Celery cannot be surpassed. It is grown especially for us by the originator in France. Pkt. 10c. Oz. \$1.00. $\frac{1}{4}$ Lb. \$3.00. Lb. \$10.00. Postpaid.

394 **Bolgiano's**

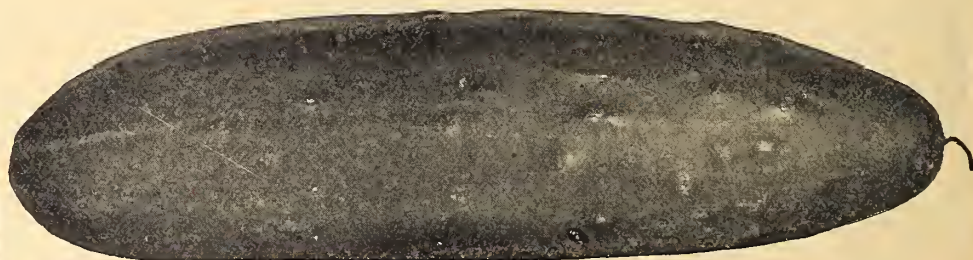
Crystal Springs Cucumber

The result of years of reselecting and improvement of the White Spine type. The vines are of strong vigorous growth, maintaining their luxuriant foliage and setting their extra long fruit abundantly from the earliest to the latest season, and are mildew proof.

The cucumbers are uniformly smooth and regular in form, no misshapen fruits or culls. The skin is an attractive rich, glossy deep green, which is retained long after being picked, making it an ideal long distance shipper. It never turns yellow, even when fully ripe. The flesh is firm, fine grained, tender, pure sparkling white of the most delightful and refreshing flavor, entirely free of the bitter taste so often noticed in other varieties. It measures from 2 to 3 inches in diameter and has very few seeds. It is equally well adapted for culture under glass or the open field. It cannot be excelled for shipping, for the market or home use. Pkt. 10c. Oz. 20c. $\frac{1}{4}$ Lb. 60c. Lb. \$2.00. Postpaid.

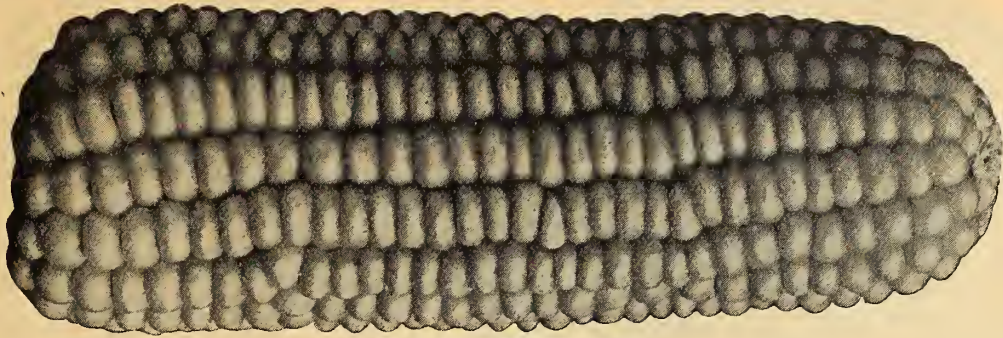
Cucumber Collection

We will mail to you, one packet each, of **Bolgiano's Crystal Springs Cucumber**, **Bolgiano's Prosperity Cucumber** and **Bolgiano's Early Fortune Cucumber**, to any address postpaid, for 25c.



Bolgiano's Crystal Springs Cucumber

We pay postage only on 10c packets of Corn; on larger quantities postage extra, and must be included in remittance. Parcel Post charges, see page 1



Bolgiano's "Bolearly" Corn

1308 **Bolgiano's "Bolearly" Corn**

This variety is the earliest roasting ear corn that can be brought to market. It is very hardy and can be planted as soon as the soil begins to warm. Planted in the vicinity of Baltimore about March 25th can be cut for market in 50 to 55 days bringing the grower the highest prices. The stalks grow from 4 to 5 feet according to soil conditions and produce frequently 2 ears of corn from 6 to 8 inches long with pure white medium sized kernels of delicious flavor. Very attractive in appearance which makes it a ready seller. We know Bolearly corn will make us many friends among the early truckers. Pkt. 10c. Lb. 35c. 2 lb. 65c. 5 lb. \$1.50. 15 lb. \$4.00.

1290 **Bolgiano's Early Harvester Corn**

This is an extremely early variety of real sugar corn. For many years the home gardeners have been anxious to obtain a White corn that would be as early and as sweet as the Golden Bantam. Bolgiano's Early Harvester fills this want as it is earlier, sweeter and has a larger ear than any of the other varieties of sugar corn. In the northern part of Maine where the seasons are very short and where corn does not grow to maturity, Bolgiano's Early Harvester has always matured. It can be planted early in the spring, just as soon as the ground begins to show warmth. It is a rapid grower of medium height. Pkt. 10c. Lb. 40c. 2 lb. 75c. 5 lb. \$1.75. 15 lb. 4.80.

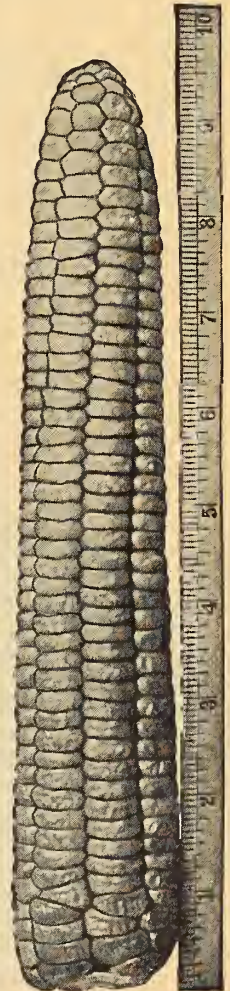


Bolgiano's
Early Harvester
Sugar Corn

443 **Barden's Wonder Bantam Corn**

A recent introduction which we highly recommend

To fill an ever increasing demand for an early sweet corn, having all the good qualities of Golden Bantam, together with a larger ear, and maturing about the same time, Wonder Bantam was developed. Trials have proven it to be more vigorous, productive and as early as the Bantam, having the advantage of much larger ears, set up higher on the stalk. It grows from 5 to 6 feet high, ears 8 to 10 inches long, filled with eight rows of rich golden yellow kernels. It will appeal to the critical market and house gardener, as well as the canner who has been looking for a Bantam corn that will produce more tonnage per acre and not sacrifice high quality. Pkt. 10c. Lb. 35c. 2 lbs. 65c. 5 lbs. \$1.50. 15 lb. \$4.00.



Barden's Wonder Bantam
Corn

Corn Collection

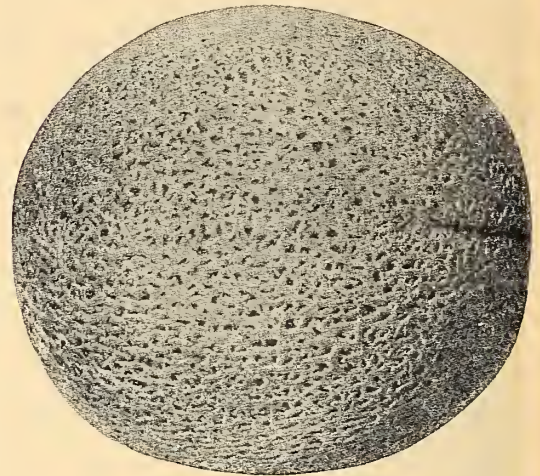
We will mail to you one packet of each of the above varieties for 25c, postpaid.



Unsurpassed Cantaloupe

438 Perfecto Cantaloupe

A new type of the Rocky Ford but a great improvement on this well known melon. The seed cavity is triangular, and the flesh is pink in color, and extremely thick, having a deliciously sweet and spicy flavor. The melons are almost perfectly round, heavily netted showing no ribs. The shipping qualities are splendid and we think the Perfecto will supersede many of the older shipping varieties. Pkt. 10c. Oz. 20c. $\frac{1}{4}$ Lb. 50c. Lb. \$1.75. Postpaid.

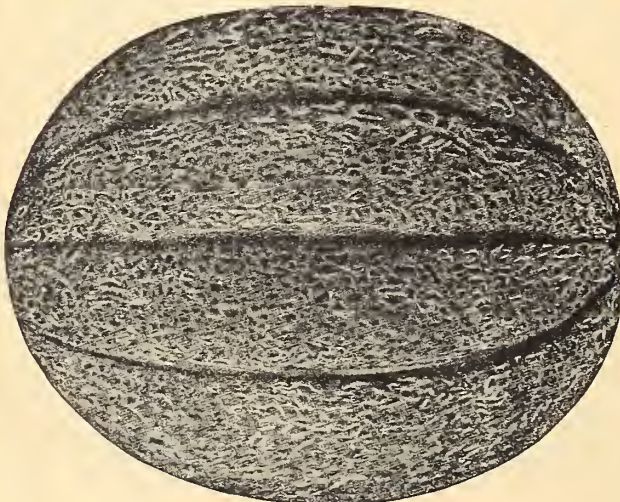


Perfecto Cantaloupe

Bolgiano's Junior Rocky Ford Extra Selected Stock

Two weeks earlier, a little larger, twice as productive as the old Rocky Ford. This melon was bred by our expert growers from two fine strains of Rocky Fords to be entirely blight and rust proof. Its netting is close and deep, thoroughly covering the melon making it a good keeping and shipping melon. The seed cavity is small and the attractive green flesh is thick, smooth and firm, and of a deliciously sweet and spicy flavor.

It is a wonderfully prolific yielder, single plants producing as many as 16 fine melons. It will develop shipping fruit ten days to two weeks before the Rocky Ford. Pkt 10c. Oz. 20c. $\frac{1}{4}$ Lb. 60c. Lb. \$2.00. Postpaid.



Junior Rocky Ford Cantaloupe

Bolgiano's Unsurpassed Cantaloupe Tender, Delicious, Spicy Flavored Salmon Colored Meat Fairly Melts in Your Mouth

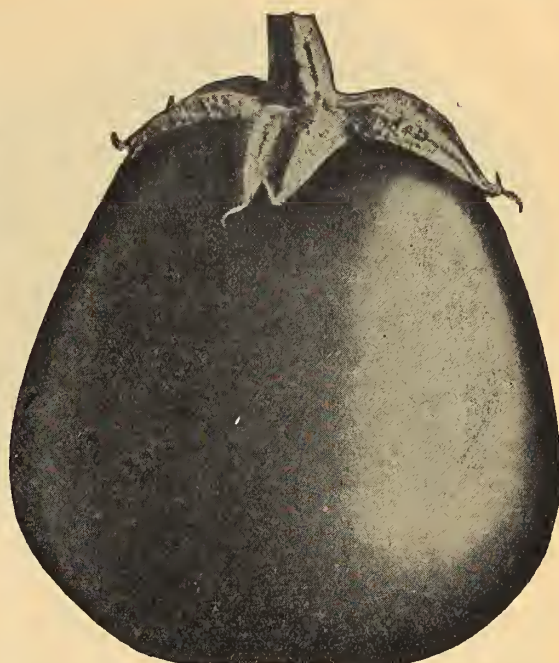
The vines are vigorous, blight resisting and produce large crops of even size melons, which are netted all over making them very attractive. The meat is salmon color, deliciously flavored and perfectly tender, not stringy or tough. It is just the melon the shipper and market gardener should grow as it will please the most critical buyer and will stand long distance shipping successfully. The home gardener also will find this a splendid melon to grow. Pkt. 10c. Oz. 20c. $\frac{1}{4}$ Lb. 60c. Lb. \$2.00. Postpaid.

Cantaloupe Collection

We will mail to any address one packet each of the three delicious cantaloupes described above, all of which we highly recommend, for 25c, postpaid.

100 **Bolgiano's**
Extra Early Black Beauty Eggplant

This variety is the earliest of all Eggplants, being two weeks earlier than any other variety. It is of most attractive appearance, being a rich, lustrous, very dark purple, almost black. The heavy leaves which attach the fruit to the stem are bright green, making a beautiful contrast. Plants branch freely near the ground are of compact and strong growth, and bear abundantly. The intense brilliant coloring is uniform over the whole fruit, and does not fade, or change to a lighter color, at the blossom end. Entirely free of spines or thorns, making it much easier to gather. Our strain of this variety is the finest that can be produced. Pkt. 10c. Oz. 50c. $\frac{1}{4}$ Lb. \$1.50. Lb. \$5.00. Postpaid.



Black Beauty Eggplant

114 **Bolgiano's**
Famous
Mammoth
King Leek

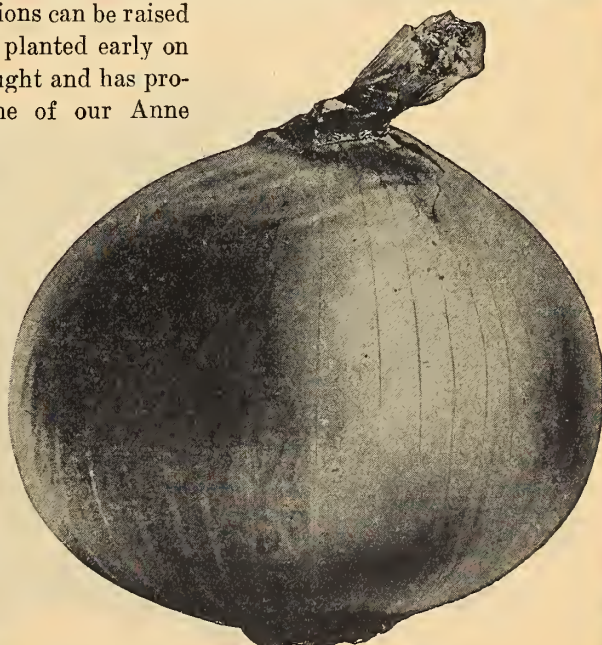
By years of selection we have built up this stock until it has become to those who use it a pleasure to grow and decidedly a profit too. It has handsome form, is of very mild, agreeable flavor, grows double the size of ordinary varieties, has dark colored leaves, is hardy and of stout growth. The edible part is 8 to 10 inches long and about three inches in diameter. It is, without exception, the largest and best Leek ever placed in the hands of the grower. Pkt. 10c. Oz. 25c. $\frac{1}{4}$ Lb. 65c. Lb. \$2.25. Postpaid.



Bolgiano's Mammoth
King Leek

Mammoth Prizetaker Onion

This beautiful shapely onion is of the large Spanish type. It grows a perfect globe shape, has light straw colored skin and pure white flesh which is mild and of a delicate flavor. Large onions can be raised from seed the first season if planted early on good rich soil. It resists drought and has produced enormous yields. One of our Anne Arundel truckers produced 800 bushels to the acre. This onion while not of recent introduction still holds its own as one of the most popular varieties because of its sterling qualities. Our stock is exceptionally fine. Pkt. 10c. Oz. 20c. $\frac{1}{4}$ Lb. 50c. Lb. \$1.75. Postpaid.



Prizetaker Onion

Onion Collection

We will send one packet each of **Silver Skin Onion**, **Prizetaker Onion** and **Yellow Danver Onion** to you for 25 cents postpaid.



Sure Summer Header Lettuce

156 Big Boston Lettuce

Bolgiano's Famous Stock

Big Boston Lettuce is one of the most valuable, most generally used lettuce in cultivation. Its excellent qualities have made it the most popular of all varieties. It can be grown in the open ground for summer or fall, in frames for spring, or forced cool in greenhouses, for winter use, producing under each condition grand, large, buttery yellow heads filled with sweet, crisp, tender beautifully blanched leaves. Stands long without going to seed; has few outer leaves and makes a large attractive plant. Big Boston Lettuce is especially adapted to cool open ground culture. Our stock of this famous lettuce is the finest that can be produced. Pkt. 10c. Oz. 20c. $\frac{1}{4}$ Lb. 60c. Lb. \$2.00. Postpaid.



Big Boston Lettuce

Bolgiano's Long Lost Lettuce

This wonderful lettuce after being lost to our friends for a number of years was found through one of our market gardeners near Philadelphia. Of a bright attractive green color, never spotted or brownish in any part, is of much substance and not easily torn, which makes it a good shipper. It is sweet, tender and of buttery flavor, produces large solid compact heads, is very hardy and will winter over splendidly. Pkt. 10c. Oz. 40c. $\frac{1}{4}$ Lb. \$1.15. Lb. \$4.00. Postpaid.



Bolgiano's Long Lost Lettuce

480 Bolgiano's Sure Summer Header Lettuce

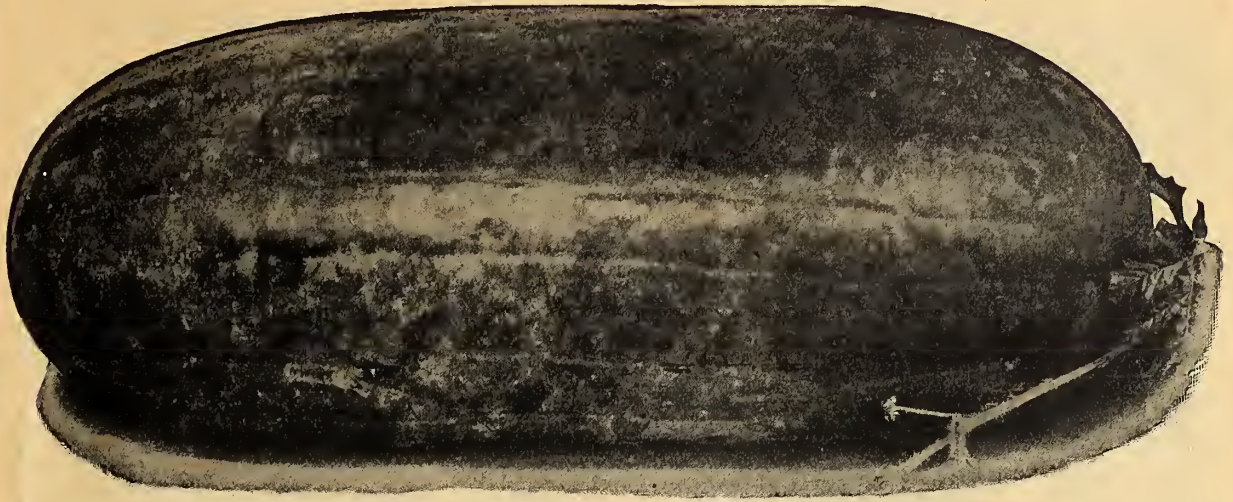
Introduced by us in 1923

This lettuce is one of the many really worth while vegetables that we have introduced, in an effort to supply the market gardener with a lettuce that could be grown during the hot dry months of our summer; one that would overcome the drawbacks of both drought and heat. We have succeeded in accomplishing our end by developing this remarkable lettuce which fills a long felt want. This lettuce is the best mid-summer variety, and remains in heading condition longer than any other. It is sure to produce heads of excellent quality in the hottest, driest weather, and succeeds under these adverse conditions, when other varieties fail. The heads are good size, very solid and a fresh green color, and coming as it does when lettuce is usually scarce, brings a good price in the market. Pkt. 10c. Oz. 25c. $\frac{1}{4}$ Lb. 65c. Lb. \$2.25. Postpaid.

Lettuce Collection

One packet each of Bolgiano's Sure Summer Header Lettuce, Big Boston Lettuce and Bolgiano's Long Lost Lettuce will be mailed to you, postpaid, at any address for 25c.

172 **Bolgiano's Indian Chief Watermelon**

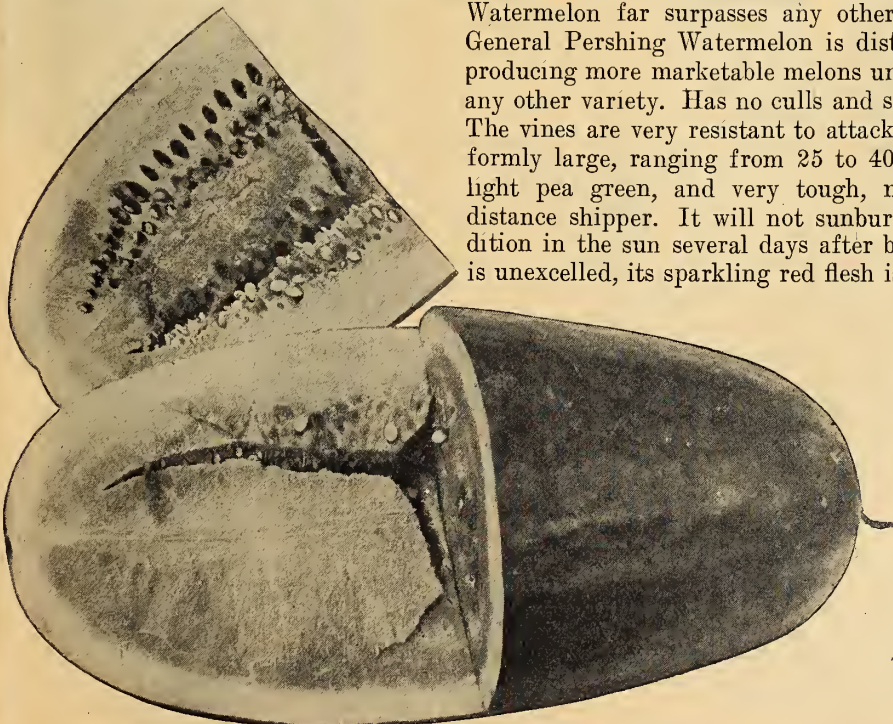


One of the most popular of the shipping melons. It has a very tough elastic rind of dark green color with indistinct thick netting all over. Flesh is a bright attractive red, flavor sweet and satisfying. For the large grower this is undoubtedly an excellent melon. It is not quite as early as the General Pershing. Pkt. 10c. Oz. 15c. $\frac{1}{4}$ Lb. 40c. Lb. \$1.25. Postpaid.

405 **Bolgiano's General Pershing Watermelon**

This melon is, without question, the finest ever produced, taken from every standpoint. Before offering it to our friends through our catalogue of 1919 when we introduced it, we made exhaustive tests in our trial grounds also placing it among some of the largest melon growers of the country. We also sought the views of representative commission houses who had handled this melon and they all agree that "General Pershing"

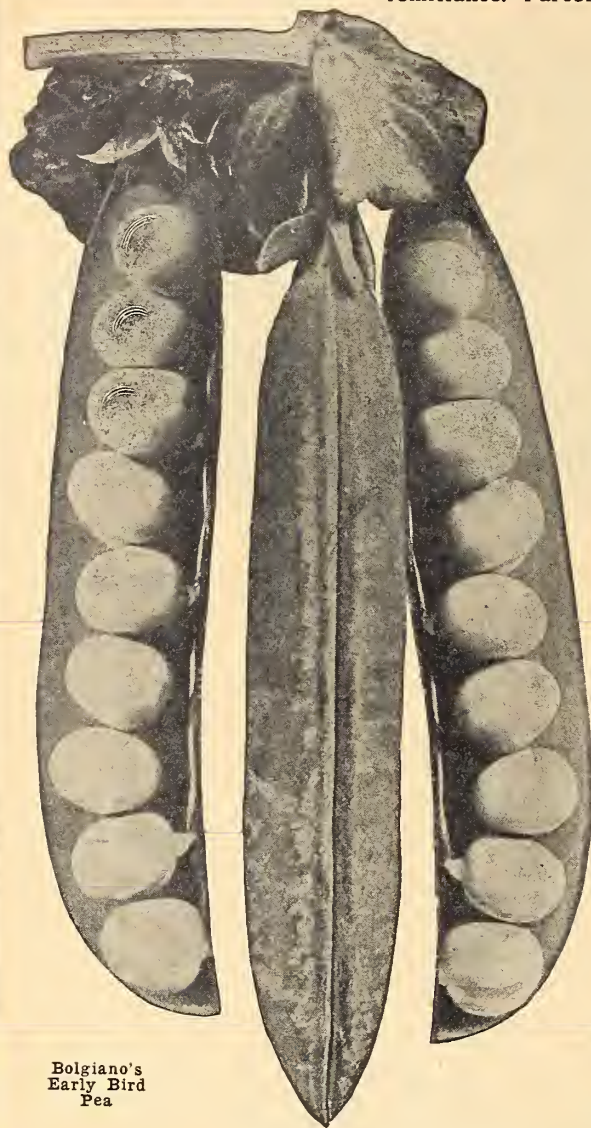
Watermelon far surpasses any other melon they have ever seen. General Pershing Watermelon is distinct, wonderfully productive, producing more marketable melons under the same conditions, than any other variety. Has no culls and stands dry weather excellently. The vines are very resistant to attacks of insects. In size it is uniformly large, ranging from 25 to 40 lbs. in weight, the rind is a light pea green, and very tough, making it an excellent long-distance shipper. It will not sunburn and will keep in good condition in the sun several days after becoming ripe. Eating quality is unexcelled, its sparkling red flesh is firm, sweet and entirely free from hard centers and stringiness. Pkt. 10c. Oz. 15c. $\frac{1}{4}$ Lb. 40c. Lb. \$1.50. Postpaid.



Measured by return on money expended, the cost of seeds is your best investment. It pays to buy good quality seeds. **Bolgiano of Baltimore** has the highest grade stocks obtainable, and spares no expense in trying to improve these stocks, all the time. The proof of this, is the fact that our customers come back to us year after year.

Bolgiano's General Pershing Watermelon

We pay postage on 10c packets of peas only; on larger quantities postage extra and must be included in remittance. Parcel Post charges, see page 1



Bolgiano's
Early Bird
Pea

A truly remarkable early wrinkled pea. Plants only grow about 12 inches high, but bear an abundance of immense, beautiful deep green pods filled with large luscious peas which retain their green color after they are cooked. Bolgiano's 100% Profit Peas are much earlier, more dwarf, more prolific, have a deeper green color, and more delicious flavor than either the Thomas Laxton or Gradus. Pkt. 10c. Lb. 40c. 2 Lb. 75c. 5 Lb. \$1.75. 15 Lb. \$4.80.

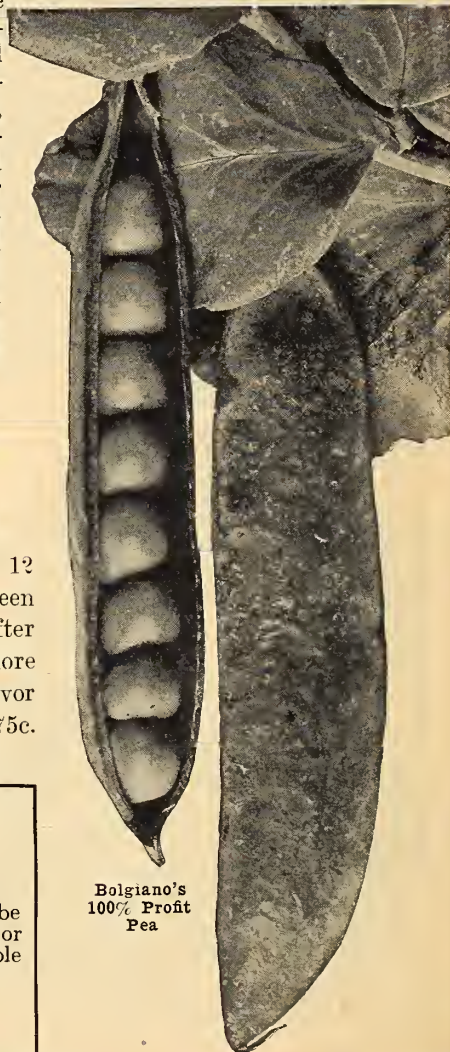
1048 Bolgiano's Early Bird Pea

Since its introduction by us in 1917, this pea has gained a wonderful popularity; we were confident it would, just as soon as its merits were known. It is unsurpassed for its extreme earliness, superb quality and unusual productiveness. The dwarf vigorous vines 2 to 2½ feet in height are well filled with large, beautiful deep green pods measuring 4 to 4½ inches in length filled with 9 or 10 large delicious peas. Bolgiano's Early Bird Peas can be sown as soon as the ground can be worked, as they do not rot like the fully wrinkled varieties, and can be pulled as early as the Alaska with pods double the size. One grower who purchased Bolgiano's Early Bird Peas for the first time tells us that he planted four bushels on approximately two acres of land. He harvested four hundred and four bushels of peas and sold them for fourteen hundred and sixty-four dollars. A number of his neighbors were equally successful. We said when we introduced this pea, the market gardener would plant no other for his early crop after he had given it a trial.

Pkt. 10c. Lb. 50c. 2 Lb. 95c. 5 Lb. \$2.25. 15 Lb. \$6.30.

1218

Bolgiano's 100% Profit Pea



Bolgiano's
100% Profit
Pea

Pea Collection

Three Grand Peas..... { Bolgiano's Early Bird.
Bolgiano's 100% Profit.
Bolgiano's Wonder Worker.

Plant them in succession, **Early Bird** first, as soon as ground can be worked, **100% Profit**, a week or 10 days later, **Wonder Worker** a week or 10 days after **100% Profit**, and you will have a supply of Peas for your table that cannot be surpassed.

1—10c. Pkt. of each **25c**, postpaid.

1—½ Lb. pkt. of each **75c**, postpaid.

1—1 Lb. pkt. of each **\$1.25**, postpaid.

We pay postage on 10c packets of peas only, on larger quantities postage extra and must be included in remittance. Parcel post charges see page 1



Bolgiano's
Good Luck
Pea

1088 **Bolgiano's Good Luck Pea**

This pea is almost as early as the Alaska, but bears a longer pod, and is more prolific. Plants strong and vigorous about 2 to 2½ feet high. Pods very attractive and about half again as long as the Alaska, well filled with deliciously flavored peas. Its earliness, size and appearance and general good qualities should recommend it to the shipper, the market and home gardener. Pkt. 10c. Lb. 35c. 2 Lb. 65c. 5 Lb. \$1.50. 15 Lb. \$4.00.

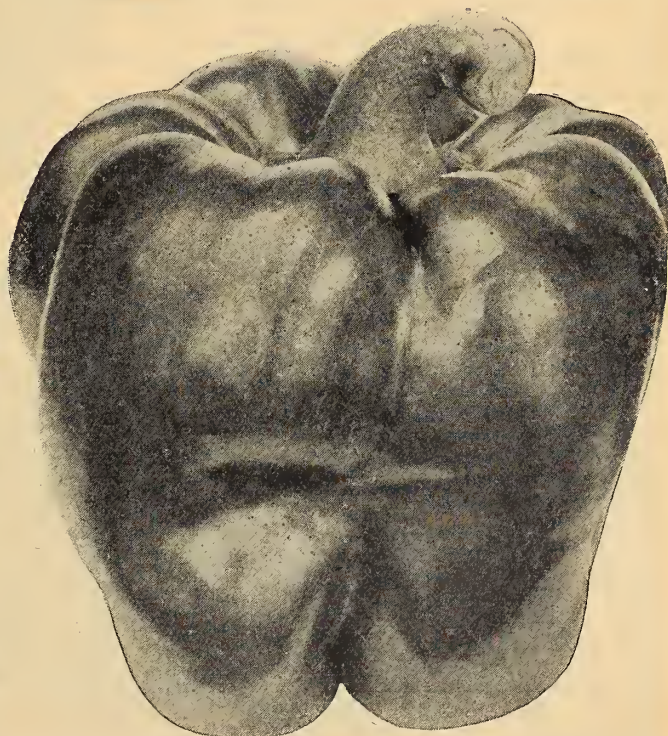
1083 **Bolgiano's Wonder Worker Pea**

Especially recommended by everyone who has ever grown it, for its exceptionally delicious sweet flavor. This pea is about one week later than the 100% Profit, the vines grow about 2½ feet high, are very sturdy, resisting pests and cold weather. The pods when fully matured are 4 inches long, and well bulged with nice large peas, the color of pods is dark green making it a splendid shipper, and a most desirable and profitable sort for the market gardener. This variety each year is becoming more popular in the home garden, as well as the private gardens, of large estates throughout the country. Pkt. 10c. Lb. 35c. 2 Lb. 65c. 5 Lb. \$1.50. 15 Lb. \$4.00.

396 **World Beater Pepper**

Bolgiano's Extra Selected Stock

This variety is a selection from the Chinese Giant, and while its fruits do not average as large as The Chinese Giant, they are larger than The Ruby King. It is ready for the market about the same time as the Chinese Giant. It bears a more abundant crop than either of these two varieties, and is a very valuable crop to grow for the market. It is also largely used by pickle manufacturers. The fruit is an attractive dry green, which turns to a brilliant handsome ruby red when ripe. The flesh is thick and of a very mild, sweet and delicious flavor. This is a fine variety to use for stuffed peppers, on account of its desirable size and flavor. This variety should be included, when making your selections for a better garden this year. Pkt. 10c. Oz. 45c. ¼ Lb. \$1.25. Lb. \$4.50. Postpaid.



World Beater Pepper

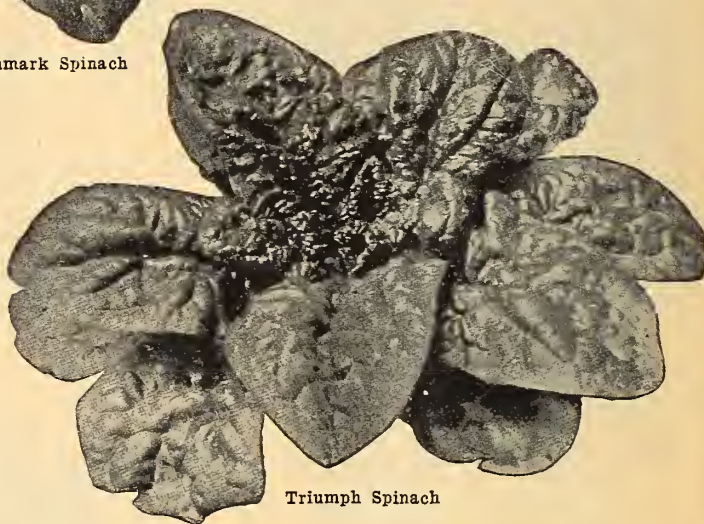


King of Denmark Spinach

Triumph Spinach

Bolgiano's Superior Stock

This beautiful spinach grows a very large dark green plant, the leaves of which are of thick heavy texture, much curled and crumpled. It stands a long time before going to seed which makes it a most desirable sort for spring planting. The market gardener will find this a profitable variety to grow for his spring crop and for the home gardener it is excellent. Oz. 10c. $\frac{1}{4}$ lb. 15c. Lb. 45c. Postpaid.



Triumph Spinach



Bolgiano's Green Mountain Curled Parsley

444 King of Denmark Spinach

A very valuable addition to the spinach family for its long standing qualities. It remains in good condition from two to three weeks after other varieties have gone to seed. This characteristic makes it especially well adapted for spring planting. The plants make a rapid growth, leaves are large, very much crumpled or blistered, and of that desirable attractive dark green color. It is ready for use almost as soon as the medium early varieties. We believe this spinach will find a place among the standard sorts as soon as it becomes better known as it is sure to win favor from both home and market gardeners because of its distinctive qualities. Oz. 10c. $\frac{1}{4}$ lb. 15c. Lb. 50c. Postpaid.

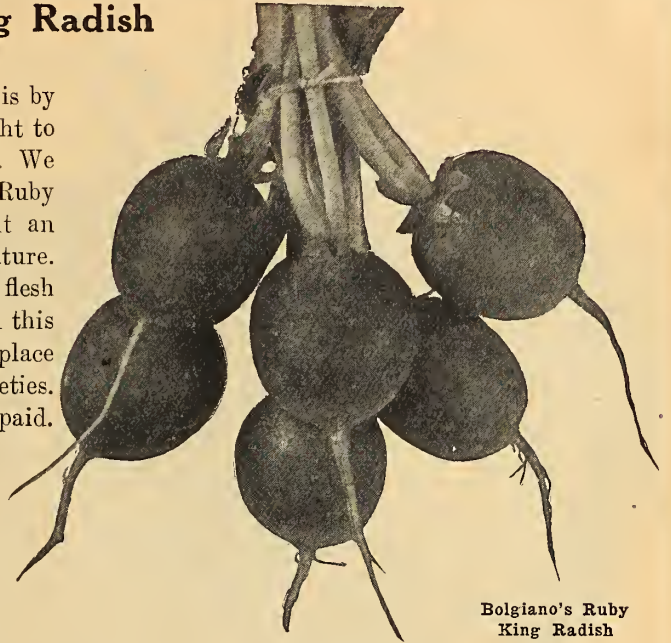
221 Bolgiano's Green Mountain Triple Curled Parsley

This distinct variety produces an abundance of finely cut and beautifully curled leaves of attractive, brilliant, deep green color; a table garnish of rare beauty. No garden is complete without some of Bolgiano's Green Mountain Parsley. It is very easy to grow and with very little care you can have the most beautiful and finest flavored parsley in cultivation. The market gardener finds in this variety what his trade demands in the market and in the hotels. Pkt. 10c. Oz. 15c. $\frac{1}{4}$ lb. 35c. Lb. \$1.10. Postpaid.

230 **Bolgiano's Famous Ruby King Radish**

Two weeks to mature

Bolgiano's Extremely Early Ruby King Radish is by far the best extra early radish that has been brought to any market. The color is a bright glistening scarlet. We know of no radish that will mature as quickly as Ruby King. Its small tops and quick growth, make it an ideal forcing sort; equally good for open ground culture. It is at its very best if allowed to grow quickly. Its flesh is delicious, tender, juicy and mild. We introduced this variety in 1907 and we still must give it its just place as it has not been surpassed by any of the early varieties. Pkt. 10c. Oz. 15c. $\frac{1}{4}$ Lb. 35c. Lb. \$1.15. Postpaid.



Bolgiano's Ruby King Radish



Bolgiano's Tip Top White Tip Radish

9 **Bolgiano's Tip Top White Tip Radish**

Miraculous results have been obtained by hybridizers who patiently work, watch and wait, working hand in hand with nature. Nature, that wonderful artist, has painted the tops of this delicious, crisp, tender round radish, a brilliant carmine red, and the bottom a beautiful snowy white. The contrast is startling and delightfully pleasing. Our Tip Top Scarlet Turnip White Tip Radish is very early, makes an attractive appearance on the market stall and a decided adornment to the breakfast table. Pkt. 10c. Oz. 15c. $\frac{1}{4}$ Lb. 30c. Lb. \$1.00. Postpaid.

A delicious crisp, tender, brilliant red radish, very early, ready for market in about three weeks. It is perfect globe shape, and so uniform that they look as if they had all been turned out of the same mold. For the home garden, nothing will please you more than your crop of this beautiful radish. The market gardener will have no trouble in selling every bunch he takes to market, and the shipper will always realize top prices. The color attracts customers. Pkt. 10c. Oz. 15c. $\frac{1}{4}$ Lb. 35c. Lb. \$1.15. Postpaid.

258 **Bolgiano's Strawberry Radish**



Bolgiano's Strawberry Radish

Radish Collection

Radishes are the first vegetables to mature from the seed in the garden. They may be planted all summer and furnish a delicious table delicacy from early spring to late fall. We will mail to any address, one packet each, of **Bolgiano's Famous Ruby King Radish, Bolgiano's Tip Top White Tip Radish, and Bolgiano's Strawberry Radish for 25c.** Postpaid.

77 Bolgiano's My Maryland Tomato

has made a host of friends since its introduction by us in 1911, and these friends are loyal, since they will not leave My Maryland for any other variety. My Maryland is an exceptionally heavy yielder of wonderfully uniform, well shaped, solid, smooth, bright red tomatoes. It is a second early or main crop variety, and the fruit is entirely free from roughness and cracks. It is very deep through from the stem to blossom end, and has a very shallow indentation at the stem. It ripens evenly up to the stem end. A very desirable addition to the tomato family. Pkt. 10c. Oz. 50c. $\frac{1}{4}$ Lb. \$1.50. Lb. \$5.00. Postpaid.

311 Bolgiano's Florida Special Tomato

This variety introduced by us has been bred to resist the blight so prevalent in the large tomato growing sections of the country, especially Florida, when great losses have been sustained from this cause. It is a large, almost globe shaped, tomato, a beautiful red color, fine flavored, firm, solid, very prolific, and about as early as Earliana. A most excellent shipper, standing the long distance shipment from Florida to the northern markets exceedingly well. We predicted that this tomato would make a record and it has to such an extent that it has been impossible for us to produce enough seed to satisfy the demand. We have orders booked months in advance. To be sure of getting the true Bolgiano's Florida Special, you should order your seed from us, the originators, as seed has been sold in Florida for this variety that has turned out to be a very inferior sort, causing disappointment and loss. Pkt. 10c. Oz. 45c. $\frac{1}{4}$ Lb. \$1.25. Lb. \$4.50. Postpaid.



Bolgiano's
My Maryland Tomato



The Florida Special Tomato

Tomato Collection

The tomatoes featured on this page, all of which are introductions by **Bolgiano of Baltimore**, speak for themselves as to the high quality and splendid reputation of the **Bolgiano** stocks. Each one of these tomatoes has a world-wide reputation. We received this morning, the day this is being written, an order from France for **John Baer Tomato**. The customer, wanting to be sure of his seed, came to **Bolgiano of Baltimore**, the house that introduced the **John Baer Tomato**. We are leaving to our customers the choice of their collection from the specialties listed on pages 20 and 21, and will mail to any address one packet each of any three Tomato specialties so chosen for **25c**, postpaid.

460 **The Bolgiano Tomato**

Introduced by Bolgiano of Baltimore in 1920. Behind this tomato we have put our reputation of over 100 years, by naming it The Bolgiano, knowing that as soon as it became known to our customers it would make a place for itself at the head of the early varieties of real merit. So far we have not been able to produce enough seed to supply our demand. It is two weeks earlier than Earliana, a beautiful, deep red color, with skin that is tough enough to make it an excellent long distance shipper. The flesh is solid, sweet and tender, entirely free from tough green core, and has no green streaks radiating from the stem end. It has very few seeds, and no watery seed cavities; a very heavy yielder of good size fruit throughout the entire season, until checked by frost. The heavy potato leaf foliage protects the fruit from sun scald and blister. Equally profitable for canner and shipper and most desirable for market and home gardener. Pkt. 20c. Oz. 80c. $\frac{1}{4}$ Lb. \$2.50. Lb. \$8.00. Postpaid.



The Bolgiano Tomato

234 **Bolgiano's John Baer Tomato**

This extremely early tomato, introduced by us in 1914, is still gaining in popularity, and is better today than it ever was, due to our careful reselecting. It is a perfect, high crown tomato, entirely free from core, an enormous yielder, setting its fruit in clusters, ripens evenly up to the stem end, is uniform with practically no misshapen uneven fruit. It will not burst when dead ripe. Has a mild deliciously sweet flavor, and is a solid mass of meat with very few seeds. It requires from 6 to 8 bushels of fruit to make one pound of seed. John Baer tomato has a brilliant glistening red color. Its skin is tough which makes it a good shipper; this also is of decided advantage to the canner as it can be removed quickly without trouble and waste. It is a variety that will increase in fruit production rather than foliage when heavily manured. Pkt. 10c. Oz. 50c. $\frac{1}{4}$ Lb. \$1.50. Lb. \$5.00. Postpaid.



John Baer Tomato

229 **Bolgiano's Greater Baltimore Tomato**

The Greatest Canning Tomato ever introduced. This variety put out by us in 1905 stands today without a superior as a canning tomato in size, shape, color and enormous yield. It is the most dependable variety grown, as it will make a crop, under more adverse weather and soil conditions, than any other known sort. Out yields the best cropping varieties and has out yielded The Stone, four to one, grown in adjoining fields. Our stock is very carefully grown and reselected. Pkt. 10c. Oz. 45c. $\frac{1}{4}$ Lb. \$1.25. Lb. \$4.50. Postpaid.



Greater Baltimore Tomato

CULTURAL NOTES

FOR THE

VEGETABLE GARDEN

We receive each year, both from farmers and from those who cultivate a small home garden, many requests for information on individual gardening problems.

And so, we are adding to our catalogue this year these cultural notes and suggestions, based on inquiries in these letters received, in the hope that they may prove to be a help, and that this catalogue may come to be used as a guide and a source of information by our friends and customers. These notes are written mainly for the amateur gardener starting possibly to cultivate a plot of ground, but contain also many helpful suggestions to the practical farmer.

We wish to be of service and if the answer to a question is not to be found here, if you will write to us, we will consider it a pleasure to be of all the assistance we can.

It is evident to the reader that information given must be general in character. This is a large country and statements which would apply in Florida could hardly hold true in Maine. The basis of these notes is conditions in the state of Maryland, and the reader must use his good judgment based on information given below in making allowances for the section in which he lives.

Location of the Garden

The ideal spot for a garden is on a gentle slope of loamy soil on high ground facing south or southeast and protected from the prevailing cold winds by a windbreak. To be successful, a garden plot must have at least five hours of sunlight a day. It must be fairly well drained and have deep soil. A good indication of a desirable garden location is where weeds grow profusely.

Location is not always a matter of choice, but a garden may be produced on many spots which at first glance do not appear at all likely. Much depends on the gardener. Wet or soggy ground may be drained; land covered with stones or refuse appear far more promising when cleared, and it is surprising what preparation will do the soil.

Planning the Garden

One of the interesting things about the garden is the variety and quantity which it is possible to obtain if a study is made of follow crops and sequence of planting of garden vegetables. A comparatively small space may be made to produce almost continuously from early spring until late fall. To do this it is necessary to plan the garden.

The conditions which must be considered are, section of the country, size of the garden and the taste of the individual gardener. Allowance must be made that in certain sections of the country some of the follow crops suggested would not mature. The size of the garden is a limiting factor as it sometimes becomes a matter of decision between two equally desired vegetables, lacking space for both; and the individual taste of the gardener enters into the planning as some of the best vegetables suggested may not be to his liking.

To allow the gardener, to best advantage, to make a choice of vegetables, there is listed below suggestions in starting seed in order to plant them in the open ground at the earliest possible date. By comparison of this information with the column showing number of days from seeding to maturity on the planting table the gardener has the means of figuring out the greatest use of his space and of confining it to vegetables to the individual liking.

1. Seed which may be planted in hot beds or seed flats before the time of outdoor planting.

(A) These vegetables may be planted before the ground is warm and when there is still danger from late frosts.

Early Cabbage
Lettuce

Early Beet
Kohl Rabi

(B) These vegetables should not be transplanted to the garden until the ground is well warmed and until there is no danger from frost.

- | | |
|--------------|-------------|
| Egg Plant | Cauliflower |
| Pepper | Okra |
| Early Tomato | |

(C) These plants should be planted in pots or cups indoors if an early crop is desired, so they may be transplanted to the garden with less liability of loss.

- | | |
|----------|--------|
| Cucumber | Squash |
| Melons | |

2. Seeds which may be planted in the open ground as soon as the ground can be worked.

- | | |
|--------------|---------------|
| Early Peas | Potatoes |
| Late Lettuce | Onions |
| Late Beets | Early Turnips |
| Spinach | Swiss Chard |
| Radish | Kale |
| Parsnips | |

String beans, carrots, squash, cucumber, melons and early corn come under this class but should not be planted until the ground is well warmed by the sun.

VEGETABLE PLANTING TABLE

Kind of vegetable	Seeds or roots required for 100 feet of drill	One Acre	Distance for plants to stand			Depth of planting	Ready for use after planting
			Rows apart		Plants apart in rows		
			Horse cultivation	Hand cultivation			
Asparagus, seed	1 oz.	5 lbs.	30 to 36 in.	1 to 2 ft.	3 in.	2 years.	
Asparagus, roots	60 to 80		3 to 5 ft.	12 to 24 in.	15 to 20 in.	3 to 5 in. 1 year.	
Beans, dwarf	1 pt.	1 bu.	30 to 36 in.	18 to 24 in.	2 in.	1 in. 42 to 75 days.	
Beans, pole	1/2 bu.	1/2 bu.	3 to 4 ft.	3 to 4 ft.	3 to 4 ft.	1 in. 72 to 90 days.	
Beets	1/2 pt.	6 lbs.	28 to 36 in.	12 to 18 in.	2 in.	1 in. 45 to 60 days.	
Brussels sprouts	1 oz.	2 oz.	30 to 36 in.	24 to 30 in.	16 to 24 in.	1/2 in. 100 to 120 days.	
Cabbage, early	1/4 oz.	1/4 lb.	30 to 36 in.	24 to 30 in.	12 to 18 in.	1/2 in. 90 to 110 days.	
Cabbage, late	1/4 oz.	1/4 lb.	30 to 40 in.	24 to 36 in.	16 to 24 in.	1/2 in. 110 to 120 days.	
Carrot	1/2 oz.	2 lbs.	30 to 36 in.	18 to 24 in.	2 in.	1/2 in. 55 to 80 days.	
Cauliflower	1/4 oz.	1 oz.	30 to 36 in.	24 to 30 in.	14 to 18 in.	1/2 in. 95 to 110 days.	
Celery	1/4 oz.	1/4 lb.	3 to 6 ft.	18 to 36 in.	6 in.	1/8 in. 120 to 150 days.	
Collards	1/4 oz.	1/4 lb.	30 to 36 in.	24 to 30 in.	14 to 18 in.	1/2 in. 100 to 120 days.	
Corn, sweet	1/4 pt.	6 qts.	36 to 42 in.	30 to 36 in.	4 to every 3 ft.	1 in. 55 to 90 days.	
Cress, water	1/2 oz.		Broadcast			water 60 to 70 days.	
Cucumber	1/2 oz.	2 lbs.	4 to 6 ft.	4 to 6 ft.	4 every 3 ft.	1 in. 50 to 70 days.	
Eggplant	1/8 oz.	1/4 lb.	30 to 36 in.	24 to 30 in.	18 in.	1/2 in. 125 to 140 days.	
Endive	1 oz.	2 lbs.	30 in.	18 in.	12 in.	1/2 in. 100 days.	
Kale, or borecole	1/4 oz.	1 lb.	30 to 36 in.	18 to 24 in.	18 in.	1/2 in. 55 to 60 days.	
Kohl-rabi	1/4 oz.	1 lb.	30 to 36 in.	18 to 24 in.	6 in.	1/2 in. 50 to 70 days.	
Leek	1/2 oz.	4 lbs.	30 to 36 in.	14 to 20 in.	4 in.	1/2 in. 120 to 150 days.	
Lettuce	1/2 oz.	3 lbs.	30 in.	12 to 18 in.	6 in.	1/2 in. 70 to 90 days.	
Muskmelon	1/2 oz.	2 lbs.	6 to 8 ft.	6 to 8 ft.	4 every 4 ft.	1 in. 85 to 150 days.	
Watermelon	1 oz.	3 lbs.	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in. 100 to 130 days.	
Mustard	1 oz.	1 lb.	30 to 36 in.	12 to 18 in.	4 or 5 to ft.	1/4 in. 60 to 90 days.	
Okra	2 oz.	8 lbs.	4 to 5 ft.	3 to 4 ft.	24 in.	1 in. 90 to 140 days.	
Onion, seed	1 oz.	4 lbs.	24 to 36 in.	12 to 18 in.	2 in.	1/2 in. 125 to 150 days.	
Onion, sets	1 qt.		24 to 36 in.	12 to 18 in.	4 or 5 to ft.	1 in. 100 days.	
Onion seed for sets	1 lb.	50 lbs.	24 to 36 in.	12 to 18 in.	1/2 in.	1/2 in. 90 days.	
Parsley	1/2 oz.	3 lbs.	24 to 36 in.	12 to 18 in.	3 in.	1/8 in. 65 to 90 days.	
Parsnip	1 oz.	4 lbs.	30 to 36 in.	18 to 24 in.	2 in.	1/2 in. 130 days.	
Peas	1 pt.	2 bu.	3 to 4 ft.	3 to 4 ft.	1 in.	1 in. 45 to 75 days.	
Pepper	1/8 oz.	2 oz.	30 to 36 in.	18 to 24 in.	15 in.	1/2 in. 130 to 150 days.	
Potatoes, Irish	5 lbs.	10 bu.	30 to 36 in.	24 to 36 in.	14 in.	4 in. 90 to 150 days.	
Potatoes, sweet	3 lbs. (or 75 slips)		3 to 5 ft.	3 to 5 ft.	14 in.	3 in. 150 days.	
Pumpkin	1/2 oz.	2 lbs.	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in. 75 to 90 days.	
Radish	2 oz.	10 lbs.	24 to 36 in.	12 to 18 in.	1 in.	1/2 in. 20 to 75 days.	
Rhubarb, seed	1/2 oz.		36 in.	30 to 36 in.	12 in.	1/2 to 1 in. 3 years.	
Rhubarb, roots	23 roots		3 to 5 ft.	3 to 5 ft.	3 ft.	2 to 3 in. 1 year.	
Ruta baga	1/4 oz.	2 lbs.	30 to 36 in.	18 to 24 in.	6 in.	1/2 to 1 in. 90 days.	
Salsify	1 oz.	10 lbs.	30 to 36 in.	18 to 24 in.	2 in.	1/2 in. 150 days.	
Spinach	1 oz.	8 lbs.	30 to 36 in.	12 to 18 in.	2 in.	1 in. 45 days is min.	
Squash, summer	1/2 oz.	4 lbs.	3 to 4 ft.	3 to 4 ft.	4 every 4 ft.	1 in. 65 to 70 days.	
Squash, winter	1/2 oz.	2 lbs.	7 to 10 ft.	7 to 10 ft.	4 every 6 ft.	1 in. 125 days.	
Tomato	1/4 oz.	1 1/2 oz.	3 to 5 ft.	3 to 4 ft.	3 by 4 ft.	1/2 in. 125 to 150 days.	
Turnip	1/2 oz.	1 lb.	24 to 36 in.	18 to 24 in.	2 in.	1/4 in. 45 to 90 days.	

3. Seeds which may be planted in the garden in succession in the open.

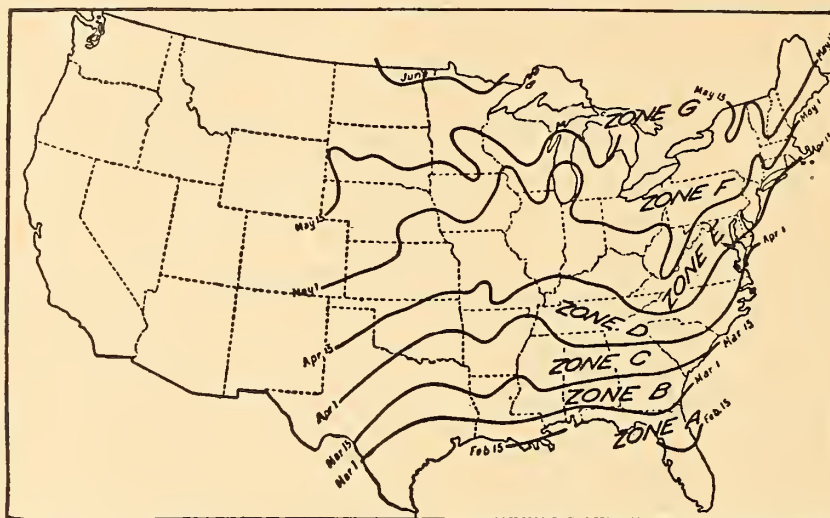
Stringless Beans
Beets
Carrots
Peas
Spinach

Corn
Lettuce
Radish
Turnip

For succession planting allow about two weeks between each planting. This will give a continuous supply of ripe vegetables of any of the above varieties.

One point always to be borne in mind is, in follow crops on the same ground, do not plant the same vegetables. For example, do not follow cabbage in the same ground that cabbage has just been raised. The reason for this is that plant disease is more easily developed and continued if this is done.

Time Of Planting



Map No. 1. Outline map of the United States, showing zones based on the average date of the last killing frost in the spring. The time of planting for the various vegetables is determined for every section by the dates given on this map.

The accompanying planting tables, together with the frost-zone maps, are based upon records of the United States Weather Bureau covering a period of 20 years and are intended to serve as a guide for determining the earliest dates that the various garden crops may be planted in the spring; also the latest dates that it will be safe to plant certain crops and have them mature before the first killing frost in the autumn. It should be borne in mind that there is a difference of several days in the frost occurrence within each zone; this is due to differences in altitude and latitude, and also to the proximity of bodies of water and large tracts of timber.

In zones, A, B, C, and parts of zone D, cabbage, turnips, spinach, kale, collards and certain varieties of onions may be grown in the open ground throughout the winter. In certain parts of zone E spinach and kale may be grown all winter. In zone F such crops as sweet potatoes, melons, eggplants, and peppers should be planted only under the most favorable conditions, as the season is sometimes too short for their full development under adverse conditions.

EARLIEST PLANTING DATES.

Earliest safe dates for planting vegetables in the open in the zones shown on Map No. 1.

Crop	Zone A	Zone B	Zone C	Zone D	Zone E	Zone F	Zone G
Beans { Lima	Mar. 1 to 15	Mar. 15 to Apr. 1	Apr. 1 to 15	May 1 to 15	May 15 to June 1	May 15 to June 15	May 15 to June 15
Beans { Snap	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to 30	Apr. 1 to May 1	May 1 to 15	May 15 to June 1	May 15 to June 15
Beet	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	Apr. 15 to May 1	May 1 to 15	May 15 to June 1
Brussels sprouts	do.	do.	do.	do.	do.	do.	do.
Cabbage	Jan. 1 to Feb. 1	Jan. 15 to Feb. 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	Apr. 15 to May 1	May 1 to May 15
Carrot	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	Apr. 15 to May 1	May 1 to 15	May 1 to June 1
Cauliflower	do.	do.	do.	do.	do.	do.	do.
Celery	do.	do.	do.	do.	do.	do.	do.
Chard	do.	do.	do.	do.	do.	do.	do.
Collard	Jan. 1 to Feb. 1	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	Apr. 15 to May 1	May 1 to June 1
Corn, sweet	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 1	Apr. 1 to May 1	Apr. 15 to May 15	May 1 to June 1	May 15 to June 15
Cucumber	Mar. 1 to 15	Mar. 15 to Apr. 1	Apr. 1 to 15	Apr. 15 to May 1	May 1 to June 1	May 15 to June 15	June 1 to 15
Eggplant	do.	do.	do.	do.	do.	do.	do.
Kale	Jan. 1 to Feb. 1	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	Apr. 15 to May 1	May 1 to 15
Kohl-rabi	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 1	Apr. 1 to May 1	May 1 to 15	May 15 to June 1
Lettuce { Head	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	do.	do.	do.
Lettuce { Leaf	Jan. 1 to Feb. 1	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	Apr. 15 to May 1	May 1 to 15
Melons	Mar. 1 to 15	Mar. 15 to Apr. 1	Apr. 1 to 15	Apr. 15 to May 1	May 1 to June 1	June 1 to 15	do.
Okra, or Gumbo	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to 30	do.	May 1 to 15	May 15 to June 1	do.
Onion Sets	Jan. 1 to Feb. 1	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	Apr. 1 to May 1	May 1 to 15
Parsley	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 1	Apr. 1 to May 1	May 1 to 15	May 15 to June 1
Parsnip	do.	do.	do.	do.	do.	do.	do.
Peas { Smooth	Jan. 1 to Feb. 1	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	Apr. 15 to May 1	May 1 to June 1
Peas { Wrinkled	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 1	Apr. 1 to May 1	Apr. 15 to May 15	May 15 to June 1
Peppers	Mar. 1 to 15	Mar. 15 to Apr. 1	Apr. 1 to 15	Apr. 15 to May 1	May 1 to June 1	June 1 to 15	do.
Potatoes { Irish	Jan. 1 to Feb. 1	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	Apr. 15 to May 1	May 1 to June 1
Potatoes { Sweet	Mar. 1 to 15	Mar. 15 to Apr. 1	Apr. 1 to 15	Apr. 15 to May 1	May 1 to June 1	June 1 to 15	do.
Pumpkin	do.	do.	do.	do.	do.	do.	do.
Radish	Jan. 1 to Feb. 1	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	Apr. 15 to May 1	May 1 to 15
Salsify	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	Apr. 15 to May 1	May 1 to 15	May 15 to June 1
Spinach	do.	do.	do.	do.	do.	do.	do.
Squash	Mar. 1 to 15	Mar. 15 to Apr. 1	Apr. 1 to 15	Apr. 15 to May 1	May 1 to June 1	June 1 to 15	do.
Tomato	do.	do.	do.	do.	do.	do.	do.
Turnip	Jan. 1 to Feb. 1	Feb. 1 to 15	Feb. 15 to Mar. 1	Mar. 1 to 15	Mar. 15 to Apr. 15	Apr. 15 to May 1	May 1 to 15

LATEST PLANTING DATES.

Latest safe dates for planting vegetables for the fall garden in the zones shown in Map No. 2.

Crop	Zone C	Zone D	Zone E	Zone F	Zone G
Bean { Pole Lima	Sept. 15	Aug. 1	July 15	July 1	July 15
Bean { Snap	do.	Sept. 1	Aug. 15	Aug. 1	do.
Beet	do.	do.	do.	do.	do.
Cabbage	Sept. 1	Aug. 15	July 15	July 1	June 15
Carrot	do.	do.	do.	do.	do.
Cauliflower	do.	do.	do.	do.	do.
Celery	Oct. 1	Sept. 1	Aug. 1	do.	May 15
Chard, Swiss	Sept. 15	do.	Aug. 15	Aug. 1	July 15
Corn, Sweet	Aug. 15	Aug. 1	July 15	July 1	June 15
Cucumber	do.	do.	do.	do.	do.
Eggplant	July 15	July 1	June 15	June 1	do.
Kale	Nov. 1	Oct. 1	Sept. 15	Sept. 1	Aug. 15
Lettuce	do.	Oct. 15	Oct. 1	Sept. 15	Sept. 1
Melons { Muskmelon	June 15	June 1	May 15	May 1	do.
Melons { Watermelon	July 1	July 1	June 15	do.	do.
Okra	July 15	do.	do.	June 1	do.
Onion Sets	do.	do.	do.	do.	May 15
Parsley	Nov. 1	Oct. 1	Sept. 1	Aug. 1	July 1
Parsnip	do.	do.	May 15	May 1	Apr. 15
Pea	Nov. 1	Oct. 1	Sept. 1	Aug. 1	July 1
Peppers	July 15	July 1	June 15	June 1	do.
Potatoes { Irish	Aug. 15	Aug. 1	July 15	July 1	June 15
Potatoes { Sweet	do.	July 15	June 15	May 1	do.
Radish	Oct. 15	Oct. 1	Sept. 15	Sept. 1	Aug. 15
Salsify	June 15	June 1	May 15	May 1	Apr. 15
Spinach	Oct. 15	Oct. 1	Sept. 1	Aug. 15	Aug. 1
Squash { Bush	Aug. 15	Aug. 1	July 15	July 1	June 15
Squash { Vine	July 15	July 1	June 15	June 1	do.
Tomato	Aug. 15	July 15	July 1	June 15	do.
Turnip	Oct. 15	Oct. 1	Sept. 1	Aug. 1	July 15

Garden plants are divided into about four more or less distinct groups.

Early cabbage plants, kale, onion sets, smooth peas, Irish potatoes, and radishes may be planted two weeks before the average date of the last killing frost.

Beets, Swiss chard, carrots, lettuce, wrinkled peas, cauliflower, spinach and sweet corn may be planted about the date of the last killing frost.

Beans, parsnips, salsify, melons, cucumbers, tomato and sweet potato plants may be planted after the last killing frost.

The heat-loving plants, such as peppers, eggplants, Lima beans, and the squashes, should not be planted in the open until the ground has thoroughly warmed, which will be about four weeks after the last killing frost.

There are a number of crops, such as snap beans, lettuce, radishes, and beets, that should be planted at intervals in order to insure a continuous supply throughout the season. In the case of snap beans as many as five different plantings may be had in some sections. In the southern part of the United States special attention should be given to the planting of the semi-hardy crops, such as spinach, kale, and cabbage, during the autumn, in order to have a supply throughout the winter.

By following the table map and the latest safe dates for planting the various crops will mature during average years; however, there may be seasons when the first killing frost in the autumn occurs earlier than usual and some of the later plantings will be lost. The late planting of vegetables prolongs the season of usefulness and is worth a chance.



Map No. 2. Outline map of the United States, showing zones based on the average date of the first killing frost in the autumn. The latest safe dates for planting vegetables in the autumn are determined by the dates given on this map.

Preparation Of The Soil

If the soil has not been previously cultivated, it is best to prepare it in the fall particularly if it is heavy clay, as freezing and the thawing loosens the soil and helps to condition it.

For spring preparation, work as early as possible. However, more harm than good will result if the soil is too wet. The simplest and most effective test is to take a handful of soil and squeeze it together; if the imprint of the fingers remains in the soil when the hand is opened it is too wet to work. It should crumble between the fingers.

The best soil is a sandy loam. Heavy clay soil may be improved by adding sand, fresh sifted ashes, stable manure, or leaf mould, before digging. Lime should be used if the soil is damp and soggy, to counteract the acid condition of such soil. Only sifted ashes should be used. This tends to make the soil more friable. Fresh hardwood ashes are also good and have excellent fertilizing qualities. Stable manure is best if well rotted, and should contain no sawdust or wood shavings. Leaf mould should only be used after the top three inches, which contains wild weed seed, has been removed.

The hot bed consists of a pit filled with manure covered with a sifted soil over which is placed hot bed sash to protect seedlings from the cold winds and allow the sun to warm and develop them. Hot bed sash of a standard size, 3 ft. x 6 ft. and hot beds may be made in multiples of this as needed. The side walls should be made of board, the back being about one foot high and the front about six inches high. The pit should be about two feet deep, and it is recommended that the inside of the pit be lined with boards, as this tends to retain the heat of the manure for a longer period of time.

It is best to obtain fresh stable manure for the hot bed, to pile, allow to stand a few days and repile, reheating until the whole is thoroughly and evenly heated. The bed should then be filled with this manure, pressed down firmly and covered with about four inches of a finely sifted top soil. It is best to allow to stand for several days after preparation in order for the temperature to subside. The best way to test this is to place a thermometer about three inches below the surface of the soil, and when the temperature registers about 65 degrees Fahrenheit, the bed is ready.

Seed may be planted in the same way as described in the use of the seed flat. Watering should be done in the morning. Care should be taken that the seed bed does not overheat by the sun shining full on the glass. Ventilating may be accomplished by raising the sash slightly during the hot part of the day. On cold nights the frame should be given some sort of protection by using a hot bed mat or by the use of straw.

As the plants develop they may be hardened by removing the sash during the day until they are ready to transplant, when they may be moved to a cold frame. The cold frame is made in exactly the same way as the hot bed without the manure pit, where the plants may be developed until ready for transplanting to the outdoor garden. It is possible by thinning the seedlings to use the hot bed as a cold frame without transplanting.

Transplanting

Transplanting is best done in cloudy weather during the late afternoon. The seedlings should be carefully lifted by means of a transplanting trowel and placed in the garden which has been previously prepared by a good cultivation of the soil. The seedling should be placed well into the ground with roots straight down so that when the soil is firmed with the hand a little will go over the top of the soil clinging to the roots. After transplanting give a light watering. Once transplanted do not cultivate until the plants have established themselves and started to grow.

Cultivating

Never cultivate when the plants are wet. Do not forget this. It spreads disease if any is present.

Always cultivate after a rain as soon as the soil is sufficiently dry. It is too wet to cultivate if a lump of it squeezed in the hand does not crumble but shows the finger impressions.

Never cultivate too close to the roots of plants. The roots of a plant cover practically the same area as the tops except in vine crops. The primary reason for cultivating is to loosen the top soil so that moisture is conserved and that air may get to the roots. Elimination of weeds is secondary.

Watering

When watering of the garden is necessary due to dry spells, remember that it must be a thorough job or it is injurious. When watering, soak the garden and do not water more than once a week. A light watering will not penetrate the soil to the roots but will only wet the surface, and the roots seeking water tend to develop towards the surface where they may be easily injured by the effects of the sun.

Poultry and Sheep Manure are also good, but commercial varieties only should be used which are obtained from stock yards and which are free of weed seed. It is best to use these manures in the hills or in transplanting rather than as a general fertilizer, due to their high percentage of nitrogen.

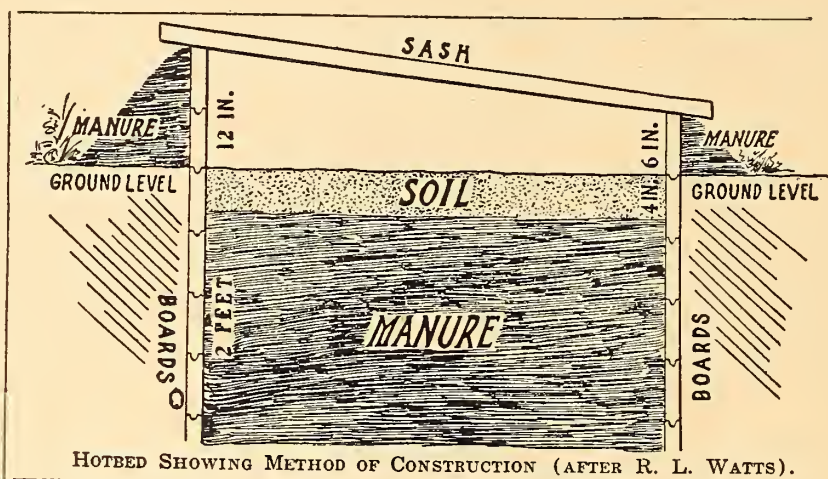
When digging the soil make a thorough job of it. If the garden is large enough have it done by a horse and plow, but if it is not, the digging should be done by a fork, and to a depth of twelve inches. A thorough digging means the difference between a productive garden and a poor garden. No plant can have its best development if its strength is used trying to penetrate a hard soil to obtain sustenance.

Rake carefully, removing all rocks and other matter, reduce all lumps of dirt and smooth until the soil is in a finely divide soft pliable condition when it is ready for seeding.

Starting Early Plants

Having specific plans for the garden, preparations may be made for an early start. As above stated, early plants may be obtained by the use of the seed flat or the hot bed. The seed flat is generally recommended for the home garden.

A very satisfactory seed flat may be made by sawing off about four inches of the bottom portion of a box of a convenient size to handle easily. Fill this box with fine sifted soil and to which it is well to add



some fertilizer and press down firmly but not too solidly. By means of a ruler or other similar article make little furrows in the soil about two inches apart and not over one-quarter of an inch deep. The usual rule for planting seed is twice the diameter of the seed. Spread the seed thinly and cover after which give a light watering. It is suggested that the soil be covered with newspaper until the seed has sprouted and the plants begin to show above the ground. The best location for a seed flat is in the window where the sun can strike it part of the day. It is a good plan to turn the seed flat from day to day so that the sun can strike it evenly. Water occasionally and do not forget this important part.

When the plants have attained sufficient height transplant to another seed flat setting the plants about three inches from each other each way. As the plants develop place the flat in a sheltered place in the open, on warm, sun shiny days, to harden them off, and when the danger of frost is past, transplant to the position originally planned in the outdoor garden.

BOLGIANO'S

SUPERIOR

GARDEN COLLECTIONS

To help those of our friends who are undecided as to selection of varieties, we have made these collections, they contain a great many of our specialties and are selected to give as great a variety as possible.

These collections are priced lower than you could purchase the same items separately, and you get the benefit of our long experience in the selections.

We cannot allow any alterations in these collections as they are put up in advance of the season.

COLLECTION A

\$1.00 Postpaid

1 Package	Beet—New Early Spring	1 Package	Onion—Prizetaker
1 "	Beans—Stringless Green Pod	1 "	Parsley—Green Mountain
1 "	Cabbage—Big Winner	1 "	Peas—Early Bird
1 "	Carrot—Pride of The Market	1 "	Radish—Sparkler
1 "	Sugar Corn—Evergreen	1 "	Spinach—Long Standing
1 "	Cucumber—Early Fortune	1 "	Tomato—John Baer
1 "	Lettuce—Millionaire	1 "	Turnip—Purple Top Globe

COLLECTION B

\$2.00 Postpaid

1 Package	Beet—New Early Spring	1 Package	Watermelon—Indian Chief
$\frac{1}{4}$ Pound	Bush Lima Beans—Enormous	1 "	Onion—Prizetaker
$\frac{1}{4}$ "	Beans—Green Pod Stringless	1 "	Parsley—Green Mountain
$\frac{1}{4}$ "	Wax Beans—Best Yet	$\frac{1}{4}$ Pound	Peas—Early Bird
1 Package	Cabbage—New Early	$\frac{1}{4}$ "	Peas—Wonder Worker
1 "	Carrot—Pride of The Market	1 Package	Radish—Tip Top White Tip
1 "	Sugar Corn—Stowells	1 "	Squash—Early Dawn
1 "	Cucumber—Crystals Springs	1 "	Spinach—Triumph
1 "	Lettuce—Masterpiece	1 "	Tomato—Bolgiano
1 "	Cantaloupe—Jr. Rocky Ford	1 "	Turnip—Purple Top Globe

COLLECTION C

\$4.00 Postpaid

1 Package	Beet—New Early Spring	1 Package	Lettuce—Sure Summer Header
1 "	Beet—Deep Blood Beauty	1 "	Onion—Prizetaker
$\frac{1}{2}$ Pound	Beans—Green Pod Stringless	1 "	Parsley—Green Mountain
$\frac{1}{2}$ "	Wax Beans—Sure Crop	1 "	Parsnip—Hollow Crown
$\frac{1}{2}$ "	Bush Lima Beans—Enormous	$\frac{1}{2}$ Pound	Peas—Early Bird
1 Package	Cabbage—Big Winner Early	$\frac{1}{2}$ "	Peas—World's Record
1 "	Cabbage—Extra Late Flat Dutch	1 Package	Radish—Tip Top White Tip
1 "	Carrot—Early Orange Gem	1 "	Radish—Ruby King
1 "	Carrot—Pride of The Market	1 "	Radish—Chinese Celestial
$\frac{1}{2}$ Pound	Sugar Corn—Cream and Honey	1 Ounce	Spinach—King of Denmark
$\frac{1}{2}$ "	Sugar Corn—Stowells Evergreen	1 "	Spinach—Savoy
1 Ounce	Cucumber—Crystals Springs	1 Package	Squash—Early Drawn
1 Package	Cantaloupe—Unsurpassed	1 "	Tomato—Bolgiano
"	Cantaloupe—Jr. Rocky Ford	1 "	Tomato—My Maryland
1 Ounce	Kale—Imperial	1 "	Turnip—Early Milan
1 Package	Lettuce—Masterpiece	1 Ounce	Turnip—Purple Top Globe

Bolgiano's "Big Krop" Vegetable Seeds for 1925

All Prices Subject to Change Without Notice

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Pounds of All Vegetable Seeds—Except Beans, Peas and Sugar Corn—On These the Postage is Extra and Must Be Included in Remittance—See Parcel Post Table on Page 1

Asparagus Seed ASPERGE—Esparrago Zpargel



Asparagus

1. **Palmetto.** Is very early, large yielder, and very regular and even in growth. Average bunches contain 15 shoots, measuring 13½ inches in circumference; weighs 2 pounds. It is equally well adapted for all sections. Its quality is unequalled.
2. **Conover Colossal.** An extensively used green variety, shoots bright green, slightly tinged with purple at top, very tender and delicious.
440. **Washington Asparagus.** (Specialty, see page 4.) Very popular because of its quick growing and rust resistant qualities and fine flavor.
582. **Barr's Mammoth.** Heavy stout spears of delicious flavor.
583. **Giant Argenteuil.** A variety adapted to all climates and soils. Produces white stalks tinged with greenish purple at the top, of mammoth size and often weigh one-quarter pound each. Very tender and delicious.

ASPARAGUS	Pkt.	Oz.	¼ Lb.	Lb.
Palmetto	\$.10	\$.15	\$.30	\$1.00
Conover Colossal .....	.10	.15	.30	1.00
Washington .....	.10	.30	.90	3.00
Barr's Mammoth .....	.10	.15	.30	1.00
Giant Argenteuil .....	.10	.15	.30	1.00
ASPARAGUS ROOTS (Postage Extra)				
Palmetto	100			1000
Washington No. 1 (10-18 in. long)....		\$1.50		\$10.00
Washington No. 2 (7-10 in. long)....		2.30		18.00
		2.00		15.00

Asparagus Roots

Plant either in Spring or Fall

Directions. Select a good sandy loam, plow the ground as deep as possible, dig out 12 inches deep, put in a layer of 4 inches of good, strong stable manure, and press down; then fill in with good, rich, black loam to the top of the bed. After leveling bed off even, stretch a line the length of bed 9 inches from the edge, and with a spade cut a furrow 8 inches deep, set a

row of plants along the trench 15 inches apart, with the crowns of the roots 2 inches below the surface, then cover up, make even and plant other rows 30 inches apart.

Green Podded Bush Beans

Haricots—Habichuela—Böhnchen

We Pay Postage on 10c Pkts. only. Larger Quantities Postage Extra and must be included with remittance. Parcel Post Table, See Page 1

Beans by Weight	
1 Pound equals about 1 pint	15 Pounds equals about 1 peck
2 Pounds equals about 1 quart	60 Pounds equals about 1 bushel

Seed Beans Weight by Parcel Post Including Packing: Pint, 2 lbs. Qts., 3 lbs. 4 Qts., 9 lbs. Pk., 17 lbs. 1 lb. to 100 feet of drill, 60 lbs. to the acre

Culture. Beans are somewhat tender, but it often pays to take some risk. Plant in warm, loamy soil at the beginning of settled, warm weather in Spring, and at intervals for succession until August. Rows may be made 2 feet apart, and the beans planted not more than 1 inch deep and several inches apart in the drills, or 3 or 4 beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For String Beans, gather the pods clean as fit for use. The plants will remain all the longer in bearing.

1134. **Bolgiano's Home Sweet Home Bean.** The most tender of any large varieties. Pods six to seven inches long, almost flat, slightly curved, excellent flavor, and is a heavy yielder.

1008. **Giant Stringless Valentine.** This is a great improvement on the old-time popular favorite Valentine Bean. The pods are fully one-third longer, averaging 5 to 6 inches in length; absolutely stringless, very crisp, round, full and fleshy. It is enormously productive, its handsome pods being ready for market a few days later than old Valentine. We confidently recommend it either for the home garden or as a profitable variety to grow for market.

1009. **Stringless Green Pod Beans.** (Burpee's) Crisp, tender, luscious flavor. Handsome light green. Pods are full, fleshy and produced in great abundance, remaining green on vines in an edible condition longer than any other bean known. (Specialty, see page 5.)



Giant Stringless Beans

Green Podded Bush Beans—Cont'd

1003. **Extra Early Refugee Round Green Pod.** Has pods of a beautiful, attractive, light green color, round, tender and of a luscious flavor.

1013. **Black Valentine Beans.** Very popular because of its earliness and being unusually hardy. It can be planted very early and marketed at extra high price. Pods grow round and straight about six inches long, of medium green color, have excellent flavor and are very tender when young: a good shipper.

1004. **Late Refugee or 1,000 to 1.** Exceedingly productive; for medium and late use. The young pods are tender and of fine flavor; the color is a silver green. Pods are round and slim.

1002. **Emerald Beauty Bean.** The Emerald Beauty Bean is a flat, green podded Bush Bean, a prolific and continuous bearer. It is absolutely stringless, very tender and delicious flavor. The plant is of remarkably handsome and thrifty growth. The rich, green pods are of immense size, thick, broad, extra long, uniform shape, solid, meaty and of high quality. Market that will accept a flat podded bean will soon appreciate the surpassing qualities of the Emerald Beauty.

1001. **Bolgiano's Early May Queen Beans.** (Specialty, see page 5.) The most prolific early bean in cultivation. Produces long, round, straight, dark green pods over six inches long and very tender. Demands a high price because of its earliness. Growers report yields of 350 to 400 bushels to the bushel seeding or per acre. This variety should not be overlooked by the market gardener who plans to receive high prices for early crops.

1007. **Bolgiano's Earliest Red Valentine Beans.** Hopkins Strain. Matures one week earlier than other early green pod varieties. Produces a very meaty round rather dark green pod about four and one-half inches long, and curved. A good yielder that commands the earliest high prices.

1010. **Dwarf Horticultural or Cherry Bean.** A crop of these beans has never failed to pay. This is a broad, long, flat, meaty bean, very productive, delicious flavor. It also makes a good dried bean for Winter.

1011. **Bountiful Beans.** A prolific and continuous bearer. Stringless, delicious flavor.

1015. **Longfellow Green Podded Bush Beans.** Long, round green pods, exceedingly prolific, always solid. Remarkably early.

1300. **Tennessee Green Pod.** Prolific, but a tender variety. Foliage dark green, leaves large and crumpled, somewhat earlier than Hodson Green Pod. Pods 5 to 5½ inches long, flat, irregular in shape, light green and of good quality.

1301. **Full Measure.** (Specialty, see page 5.) Heavy light green foliage. Very prolific. Pods 5½ to 6 inches long, stringless, round, slightly curved, very good quality.



Round Podded Kidney Wax Bean

We supply Pkts. of all Beans at 10c each, postpaid

Wax Pod Bush Beans

Parcel Post Rates, see Page 1

1288. **Bolgiano's Best Yet Stringless Wax Beans.** (Specialty, see page 6.) Beautiful, lemon-yellow wax pods, without rust or blight. Absolutely stringless. A wonderful yielder.

1031. **Pearl Wax Beans.** (specialty, see page 6.) A distinct, enormously prolific growing Bush Wax Bean. Every grower should try it. It will soon become a popular and lucrative variety to grow. Will not rust in the wettest kind of weather.

1183. **Trucker's Reward, Bolgiano's Flat Wax Bean.** (Specialty, see page 6.) One of the most valuable and important Bean introductions in many years. Unequaled as an enormous, beautiful crop producer and money maker.

1079. **Hodson Wax Beans.** A very sturdy grower, prolific; free from rust and blight. Vigorous plants are loaded with long, handsome, straight pods, averaging 7 inches in length; color of a clean, light yellow. When picked young they are stringless.

1021. **Round Podded Kidney Wax Bean.** (Brittle Wax.) This handsome wax-podded bean is an improved Wardwell's Kidney Wax, besides having that popular variety's luxuriant growth, it is entirely stringless. The pods are long, straight and extremely handsome. It is an exceedingly heavy bearer, and is fully as early in maturing as the Wardwell's Kidney Wax, and is of excellent quality.

1019. **Currie's Rust-Proof Wax Beans.** Is the earliest to mature of either the Green or Wax Beans. Its beautiful, pure golden, long flat pods of extra fine quality, are borne in abundance and attract the admiration of both the planter and the consumer. Entirely free from rust and blight. Very profitable for the early trucker.

1022. **Davis Kidney Wax.** The King of Flat Wax Beans. A beautiful form, handsome long pods, attractive color, luscious flavor, prolific yielder, rust-proof, excellent shipper, making this Grand Bean a perfect success.

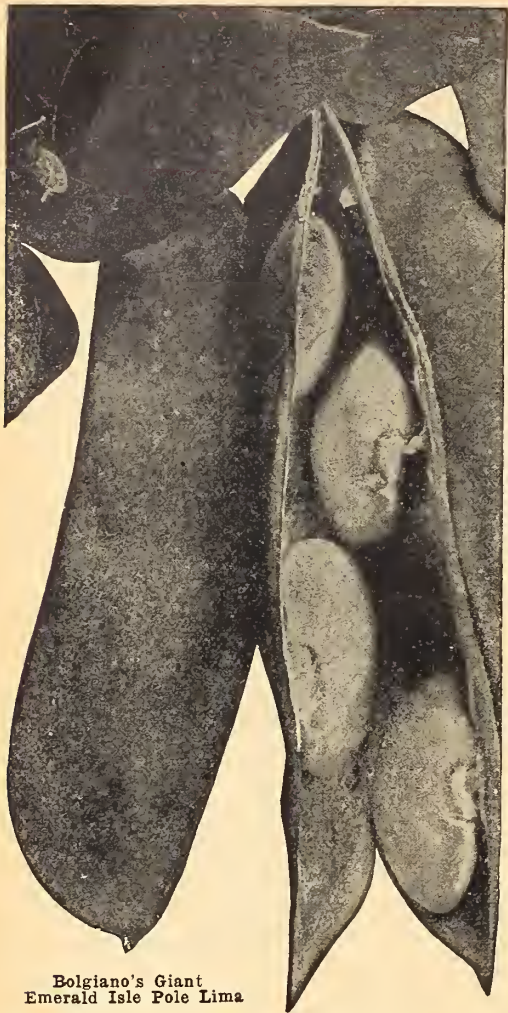
GREEN PODDED BUSH BEANS

	Pkt.	1 Lb.	2 Lb.	5 Lb.	15 Lb.
Home Sweet Home....	\$.10	\$.35	\$.65	\$1.50	\$3.30
Giant Stringless .....	.10	.40	.75	1.75	3.75
Burpee's Stringless ...	.10	.35	.65	1.50	3.30
Refugee Round Green Pod .....	.10	.30	.55	1.25	3.00
Black Valentine .....	.10	.30	.55	1.25	3.00
Late Refugee or 1000 to 1 .....	.10	.30	.55	1.25	3.00
Emerald Beauty .....	.10	.35	.65	1.50	3.30
Early May Queen.....	.10	.35	.65	1.50	3.30
Ex. Ea. Red Valentine.	.10	.30	.55	1.25	3.00
Dwarf Horticultural ..	.10	.30	.55	1.25	3.00
Bountiful .....	.10	.40	.75	1.75	3.75
Longfellow .....	.10	.30	.55	1.25	3.00
Tennessee Green Pod.	.10	.35	.65	1.50	3.30
Full Measure .....	.10	.35	.65	1.50	3.30
White Navy or Pea....	.10	.20	.35	.85	2.25

WAX POD BUSH BEANS

Best Yet Stringless....	\$.10	\$.35	\$.65	\$1.50	\$3.30
Pearl Wax .....	.10	.35	.65	1.50	3.30
Truckers Reward ....	.10	.35	.65	1.50	3.30
Hodson Wax .....	.10	.30	.55	1.25	3.00
Round Podded Kidney Wax .....	.10	.30	.55	1.25	3.00
Currie's Rust-Proof ..	.10	.30	.55	1.25	3.00
Davis Kidney Wax....	.10	.30	.55	1.25	3.00
Wardwell's Kidney Wax	.10	.30	.55	1.25	3.00
Sure Crop Stringless..	.10	.35	.65	1.50	3.30
Golden Wax Improved.	.10	.30	.55	1.25	3.00

Add Postage on 1 Lb. and Over on All Bean Prices



Bolgiano's Giant
Emerald Isle Pole Lima

2 Lbs. to 150 Hills,
20 to 24 Lbs. to
the Acre

Culture. Selected land that is especially warm, rich and well supplied with vegetable fibre or humus. Plant as soon as the soil has become warm in Spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row. A top dressing of poultry manure, ashes or some good fertilizer or some good compost around the plants will be of much benefit in hastening maturity and increasing the yield.

1058. Improved Bush Lima. (Burpee's.) Pods and Beans are extremely large. Plant grows more erect than Burpee's Bush Lima and is more productive.

1034. Prolific Bush Lima. (Wood's.) Earlier than the Burpee's Bush, smaller in size of Bean. Making a larger growth than others; stems are loaded with Beans in great clusters.

1036. Wonder Bush Lima. (Dreer's.) It is a fine strain of neat, dwarf growth, producing pods a week earlier than the regular stock of Burpee's Bush Lima. The plants are productive, the pods and beans are large.

1035. Bolgiano's Enormous Early Bush Lima Beans. (Specialty, see page 7.) This wonderful new Lima is the earliest, largest and best of all Bush Lima Beans.

1119. Fordhook Bush Lima. (Specialty, see page 7.) Both pods and Beans are twice the size of Dreer Bush Lima.

1039. Large Bush Lima. (Burpee's.) Is an immense yielder, each bush bearing from 50 to 200 of the handsome, large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large Pole Limas.

1037. Dreer's Bush Lima Beans. This Bush Bean produces pods in great abundance, 185 having been counted on a single plant. The Beans grow close together, sometimes five in a pod and very thick, sweet and succulent.

1037. Dwarf Bush or Baby Lima. (Henderson's.) Yield in abundance. Pods about 3 inches long, well filled with rather small beans of fine flavor. A popular variety for canners.

Wax Pod Bush Beans—Cont'd

1020. Wardwell's Kidney Wax. Early, long, flat, pure wax pods. It is hardy, both pods and plants are robust and healthy and it is a heavy yielder. It is a remarkable shipper.

1292. Sure Crop Stringless Wax Beans. Vines are tall, rather bushy, loaded with delicious, rich yellow beans six to seven inches long. Stringless at all stages of growth. The kind that sells when other varieties will not.

1026. Golden Wax Improved. Early, vigorous and a bountiful yielder of beautiful tender pods. The vine grows 1½ feet high, holding the pods well off the ground. The pods are shapely, flat and large.

2 Lbs. to 150 Hills,
20 to 24 Lbs. to
the Acre

Pole Lima Beans

Parcel Post Rates,
see Page 1

We Supply Packets of Beans at 10c each, postpaid

1032. Giant Emerald Isle. (Specialty, see page 7.) **Bolgiano's Pole Lima Bean.** This wonderful Bean is the largest podded and the heaviest cropper of all Limas. It grows green, dries green, stays green.

1040. Early Leviathan Pole Lima Bean. This sort is at least one week earlier than any large Pole Lima yet offered. Earliness is often obtained at a sacrifice of other features, but in this variety we claim superiority, not only in this respect, but in size of bean pod and enormous productiveness.

1041. Improved Pole or Challenger Lima. Outyield any Lima Bean ever offered. Each pod contains from 2 to 6 delicious Beans, so compactly placed that they make indentations in each other. Pods are produced on the vines in great clusters. The yield is continuous and abundant.

1223. Ideal Pole Lima. (Henderson's) Very early, wonderfully productive.

1042. Seibert's Early Lima. Pods long, easily opened. The green Beans large, handsome, delicious.

1043. Jersey Extra Early Lima. Is 10 days to 2 weeks earlier than any other Pole Lima, except the Leviathan. The beans are exceptionally tender and delicious.

1044. Carolina or Sieva Beans. Very early and productive.

1046. Ford's Mammoth Extra Large Lima. Pods are large in size, unsurpassed in quality and productiveness.

1047. King of Garden Lima Beans. Outrivals all other Pole Limas. Its vine has a luxurious growth, which abounds with enormous pods, often five to eight inches long and filled with five or six perfect Beans to a pod.

1224. Carpenteria Pole Limas. One of the longest podded and heaviest croppers of all Limas.

1045. Extra Large Limas. Large white Bean; very tender, equally good in Winter if soaked 10 hours before cooking.

Bush Lima Beans

Parcel Post Rates,
see Page 1

POLE LIMA BEANS	Pkt.	1 Lb.	2 Lb.	5 Lb.	15 Lb.
Giant Emerald Isle....	.10	\$.35	\$.65	\$ 1.50	\$ 3.30
Ea. Leviathan .....	.10	.35	.65	1.50	3.30
Imp. Pole or Challenger	.10	.35	.65	1.50	3.30
Ideal .....	.10	.35	.65	1.50	3.30
Seibert's Early .....	.10	.35	.65	1.50	3.30
Ex. Ea. Jersey.....	.10	.35	.65	1.50	3.30
Carolina or Sieva....	.10	.35	.65	1.50	3.30
Ford's Mammoth ....	.10	.35	.65	1.50	3.30
King of the Garden...	.10	.35	.65	1.50	3.30
Carpenteria .....	.10	.35	.65	1.50	3.30
Extra Large .....	.10	.35	.65	1.50	3.30

BUSH LIMA BEANS

Burpee's Improved ...	.10	\$.40	\$.75	\$ 1.75	\$ 3.75
Wood's Prolific .....	.10	.35	.65	1.50	3.30
Dreer's Wonder .....	.10	.35	.65	1.50	3.30
Bolgiano's Enormous .	.10	.40	.75	1.75	3.75
Fordhook .....	.10	.45	.85	2.00	4.50
Burpee's Large .....	.10	.35	.65	1.50	3.30
Dreer's Bush .....	.10	.35	.65	1.50	3.30
Henderson's Dwarf ...	.10	.35	.65	1.50	3.30

POLE OR RUNNING BEANS

Lazy Wife .....	.10	\$.35	\$.65	\$ 1.50	\$ 3.30
White Creaseback .....	.10	.35	.65	1.50	3.30
Kentucky Wonder ....	.10	.35	.65	1.50	3.30
Horticultural .....	.10	.35	.65	1.50	3.30
Kentucky Wonder Wax.	.10	.40	.75	1.75	3.75

Add Postage on 1 Lb. and Over on All Bean Prices

2 Lbs. to 150
Hills

Pole or Running Beans

20 to 24 Lbs. to
the Acre

We supply Packets of Beans at 10c each, postpaid

1027. **Lazy Wife or White Pole Cherry Beans.** Pods are produced in great abundance and measure 4½ to 6 inches in length; broad, thick, very fleshy, entirely stringless. Retaining their rich, tender and stringless qualities until nearly ripe. Pods contain 6 to 8 round, white beans which make excellent Shell Beans.

1028. **White Creaseback or Best of All.** The best early Stringless Green Podded Pole Bean.

1030. **Old Homestead or Kentucky Wonder.** A favorite with the most critical trade, and private gardeners. Produces clusters of round, tender, stringless, dark green pods, 8 or more inches long. Very tasteful.

1220. **Horticultural Pole, Cranberry or Wren's Egg.** This is the popular Pole Cherry Bean, growing for either snaps or dry shell Beans, especially adapted for short seasons and cool locations. Productive; pods four to five inches in length, one-half inch broad, thick and fleshy.

Kentucky Wonder Wax. It is similar in habit of growth to "Kentucky Wonder Green Pod," and bears as early, or when about as high as the average bush bean. Pods are beautiful golden-yellow, and so fleshy that often the thickness surpasses the width; make delicious eating.

Beet

BETTERAVE
Remolacha
Cafatrube

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

Culture. Fibrous loam, well drained and well enriched, will raise good Beet crop. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape, or seed may be sown under glass 4 weeks sooner and the young seedlings transplanted to open ground, to give an extra early crop.

Give thorough and clean cultivation, and thin the plants to stand 2 inches apart in the row.

For succession, sow at intervals to middle of July. For earliest sowings, a light dressing of nitrate of soda, say 100 pounds per acre, will sometimes work wonders.

377. **Bolgiano's Early Spring Beet.** (Specialty, see page 4.) First Beet in market. Most perfect shape and color. Earlier maturing than Crosby's Egyptian and of much finer grain. Has very small tap root and small top. All coming into maturity at same time. Well adapted for forcing.

295. **"Bonfire," Bolgiano's Early Beet.** (Specialty, see page 4.) A splendid variety, especially adapted for market gardeners; being suited for forcing under glass and for open ground culture. For home garden this Beet will be found desirable, as it retains its freshness and high quality without becoming tough.

18. **Bolgiano's Deep Blood Beauty Beet.** Very attractive globe shape, medium size, smooth skin, very tender.

12. **American Beauty Beet.** The skin and flesh of American Beauty Beet are both a deep rich crimson color. It matures just after the Eclipse, has a most beautiful form, being a little deeper than round, medium in size, generally about three inches in diameter, has a remarkable surface and a small tap root.



Crosby's
Egyptian Beet

115. **Early Model Beet.** This is a fine selection of blood-red Beet, extremely smooth and of symmetrical growth, rich color and desirable shape. It makes a rapid growth and matures very early. The shape is nearly round, and color of flesh blood red.

3. **Early Ox-Blood.** Six Reasons Why We Introduce This Beet.
1. It is extra dark blood color from end of its tap root to top of its short graceful leaves. 2. Early as the Crosby Egyptian. 3. Almost globe shape. 4. Small amount of even foliage of deep ox-blood color. 5. Beets are very smooth and free from side rootlets. 6. Flesh fine grained, sweet and of ox-blood color.

4. **Extra Early Eclipse.** Remarkable for its very rapid growth, the perfection of its form—which is globular—of its beautiful crimson flesh, and for its dwarf foliage. Roots are bright glossy red.

5. **Crosby's Improved Extra Early Egyptian Beet.** An improvement of Extra Early Egyptian, being as early, but of more desirable shape, color and quality. It is very sweet and tender; a most valuable sort for early market, as it is ready before any other Beet of equal quality.

6. **Crimson Globe Beet.** This is one of the best Bunching Beets yet introduced. A handsome variety of medium size, almost globe shape, and entirely free from rootlets; a grand second early or main crop sort. Very handsome in shape. The foliage is small and of a rich bronze purple. Flesh is a rich blood red, slightly zoned or ringed. Never stringy.

7. **Detroit Dark Red Beet.** A splendid Beet of a dark red color, for home or market. By far the best for canning, on account of its beauty. Small, upright tops and perfectly small roots. Flesh zoned with lighter and darker bands; tender and sweet.

BEEF	Pkt.	Oz.	¼ Lb.	Lb.
Early Spring Beet.....	\$.10	\$.15	\$.50	\$ 1.75
Early Bonfire .....	.10	.15	.40	1.25
Deep Blood Beauty.....	.10	.15	.30	1.00
American Beauty .....	.10	.15	.30	1.00
Early Model .....	.10	.15	.40	1.25
Early Ox-Blood .....	.10	.15	.30	1.00
Ex. Ea. Eclipse.....	.10	.15	.30	1.00
Crosby's Egyptian .....	.10	.15	.30	1.00
Crimson Globe .....	.10	.15	.30	1.00
Detroit Dark Red.....	.10	.15	.30	1.00
Dk. Red Flat Egyptian...	.10	.15	.30	1.00
Early Blood Turnip.....	.10	.15	.30	1.00
Edmond's Blood .....	.10	.15	.30	1.00
Early Large Egyptian....	.10	.15	.30	1.00
Lentz .....	.10	.15	.30	1.00
Nutting's Ea. Gem.....	.10	.15	.30	1.00
Half Long Dark Blood....	.10	.15	.30	1.00
Long Smooth Blood.....	.10	.15	.30	1.00
Lucullus .....	.10	.15	.30	1.00
Swiss Chard .....	.10	.15	.30	1.00

MANGEL WURZEL	Oz.	¼ Lb.	Lb.
Sludstrup	\$.10	\$.20	\$.60
Gate Post .....	.10	.20	.60
Jumbo .....	.10	.20	.60
Mammoth Long Red.....	.10	.20	.60
Imp. Golden Tankard.....	.10	.20	.60
Golden Giant .....	.10	.20	.60
Giant Feeding Half Sugar.....	.10	.20	.60
Klein-Wanzeleben .....	.10	.25	.75
Lane's Improved .....	.10	.20	.60

Beets—Continued

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs.

11. **Extra Early Dark Red Flat Egyptian Beet.** The Egyptian Beet is one of the most popular varieties among market gardeners for forcing purposes. It will bear close planting in the valuable space under glass or in a warm garden in early Spring. It is turnip-shaped, and when young is crisp and tender. In color it is dark red. To gardeners having a preference for Egyptian we offer the best strain of seed now on the market.

20. **Early Blood Turnip Beet, Improved.** It is early, smooth, does not grow overlarge, has few roots. It does not become stringy, matures a medium size, deep crimson Beet of decided uniform type.

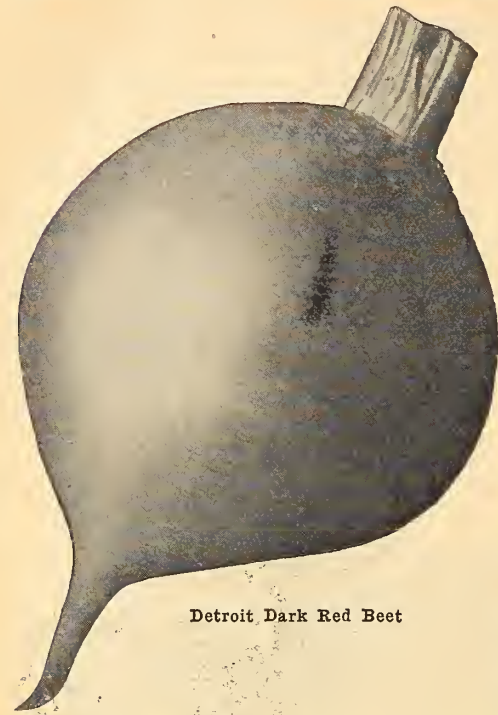
21. **Edmond's Blood Turnip Beet.** A handsome, clean, turnip-shaped blood Beet. Skin and flesh are of deep blood red, sweet and tender in quality and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. Tops are small, allowing them to be grown close together. They mature early and give every satisfaction as a bunching sort.

10. **Early Large Egyptian Beet.** A very good variety of the larger sorts. Globe-shape, rather flat across the top, very dark, a quick grower, and good seller.

13. **Lentz Extra Early Beet.** Color a deep, blood red, tender and sweet at all stages of its growth. Has small top and can be used six weeks from sowing. Very productive, splendid keeper and shipper.

358. **Nutting's Early Gem Beet.** Extremely early, light colored top, flesh beautifully zoned light red. Very popular as a Florida Shipping Beet.

571. **Half Long Dark Blood.** This is rapidly becoming a very popular sort and will probably produce more bushels from a given area than any other sort, as it does not occupy so much space in the rows as the turnip-shaped varieties.



Detroit Dark Red Beet

15. **Long Smooth Blood Beet.** An old time favorite in the South. Has long, smooth, blood-red roots, going well down into the soil, enabling it to resist drought and heat. Flesh very tender and sweet.

165. **Lucullus. The Swiss Chard or Spinach Beet,** but can be served both as Asparagus and as Spinach. Delicious.

341. **Swiss Chard or Silver Beet.** Grown exclusively for the foliage, which cooked makes most delicious greens.

Mangel Wurzel

Culture. Sow 5 pounds to the acre in April or June, in rows 3 feet apart, and thin to 6 inches in the row. Cultivate frequently with horse tools and you will have an abundant crop of roots for Winter use.

1217. **Bolgiano's Sludstrup.** This wonderful Mangel contains the largest percentage of dry matter. Root is smooth, 14 inches long, rich orange color, flesh pure white. About one-half of the root grows above the ground.

1151. **Jumbo Mangel.** It is a milk producer of the highest quality, and keeps the cattle over Winter in a prime condition. It will outyield any other Mangel two to one. It is easy to grow, producing immense roots, thus yielding a most profitable crop.

1152. **Gate Post Mangel.** Immense size. When fed to cows it produces the richest milk. If you want the best Yellow Mangel you ever grew, buy Bolgiano's Gate Post Mangel.

1153. **Giant Mammoth Long Red Mangel.** The roots are very large, uniformly straight and well formed. Color deep red, roots solid, tops small. Produces an immense bulk and tonnage.

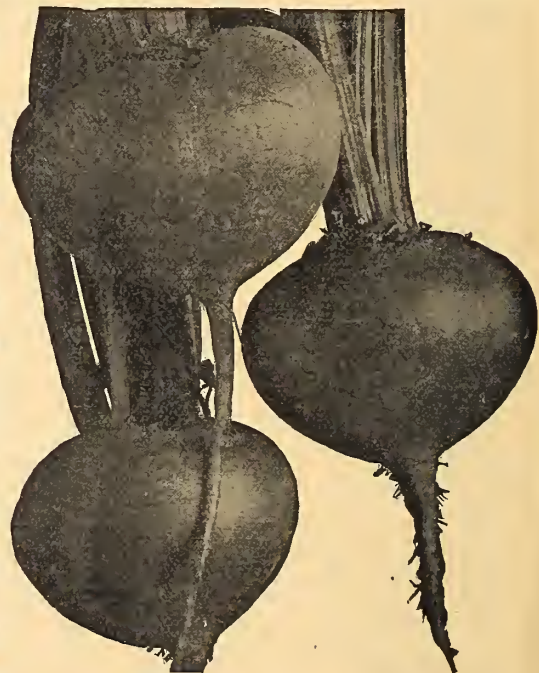
1154. **Improved Golden Tankard Mangel.** The color is a deep, rich yellow. The flesh is firm and solid. On account of its shape enormous crops are grown, and is easily lifted from the ground.

359. **Golden Giant Intermediate.** Root intermediate between the long and the globe-shaped. Flesh white, firm, and sweet, much liked by cattle.

1155. **Giant Feeding Sugar Beet or Half Sugar Mangel.** This Sugar Beet, while giving nearly as large a yield as a crop of Mangels, supplies a food of very much higher nutritive value. For feeding purposes it is more valuable than those of the very best strains of Sugar Beet, and the yield under equally favorable conditions is more than double. The roots grow partly out of the ground, the crop can be harvested at less expense. Every farmer should try it.

1204. **Klein-Wanzeleben Bener Elite.** It may be distinguished by its brighter color and its lighter colored leaves, which are beautifully undulating, and scalloped around the edges; while not as a rule equal to the Wilmorin in saccharine richness, it is considerably more productive.

360. **Lane's Improved Sugar.** An American variety and the best stock-feeding Beet known. It is not so sweet as the French Sugar Beets grown especially for sugar making, but the roots are longer and finer grained; very sweet.



Deep Blood Beauty Beet

Bolgiano's Frost-Proof Cabbage Plants

Will Mature Heads Two To Three Weeks Earlier
Than Your Home Grown Plants and
Double Your Profits

TO GET THE ADVANTAGE OF THESE FROST-PROOF CABBAGE PLANTS THEY MUST BE PLANTED A MONTH OR SIX WEEKS EARLIER THAN YOU WOULD PLANT HOME-GROWN PLANTS.

WE FILL ORDERS FROM DECEMBER 1st TO MAY 1st.

There are a number of islands along the Sea Coast of South Carolina, where the soil and climatic conditions are just suited for growing tough, hardy cabbage plants during the Winter and early Spring. The plants make a slow but steady growth, until at eight to ten weeks of age they are very tough and hardy, the buds are

Early Flat Dutch Cabbage



Early Jersey Wakefield

purple and the outer leaves a reddish brown. When in this condition they can be shipped to territory farther north and be planted in the open ground a month to six weeks earlier than the home-grown hot bed or cold frame plants. The FROST PROOF CABBAGE PLANTS will stand a temperature of 20 degrees above zero without injury. The land freezing, or the plants being covered with ice, sleet or snow after they are planted will not injure them. The roots grow from time they are planted, and just as soon as Spring weather starts, the established root growth assimilates the fertilizer in the soil, the plants grow very fast, maturing headed cabbage two to three weeks sooner than you can mature them from hot bed and cold frame plants.

The plants when received will be somewhat wilted and have a hard stunted appearance, which will be disappointing to persons who have never used these plants before. Regardless of appearance, they will produce the crop results.

VARIETIES: EARLY JERSEY WAKEFIELD, CHARLESTON LARGE TYPE WAKEFIELD, SUCCESSION, EARLY FLAT DUTCH AND COPENHAGEN MARKET.

Prices by Parcel Post, Postage Paid. In lots of 100, 200, 300 or 400 plants at 50c per 100 plants; 500 plants for \$1.60; 1000 or more at \$3.00 per 1000 plants.

Orders are filled by the 100, not 250 or 350. These prices are for even quantities of one variety to package; if you order 200 of one variety and 300 of another variety you would pay at the 100 rate.

PRICES BY EXPRESS, buyer paying express charges. In lots of 1000 to 3000 plants at \$2.00 per 1000; 5000 or more at \$1.50 per 1000. Plants packed for express shipment, 1000 or 2000 plants of a variety to package, they weigh about 25 pounds per thousand plants, packed for shipment.

Order Early to prevent delay. We ship direct from growing Station. Plants cannot be pulled when beds are wet. Send your order two or three weeks before you expect to set the plants so you will get them in time.

Onion Plants

Onion Plants are replacing Onion Sets in the South to a great extent where they have proven more satisfactory than Sets. They grow better shaped onions and do not run to seed. They produce earlier and better crops.

Varieties: White or Yellow Bermudas and Prizetaker.

Prices same as Cabbage Plants printed above.

Must be ordered in even hundreds.

All orders for plants shipped direct from our growing station separate from seed orders.

CHOU POMME
KOPFROHL, KRAUT

Cabbage Seed

CAVOLO CAPPUCCIO
COL REPELLO

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs. of All Cabbage Seed

Culture. Early Cabbage requires a rich, warm, loam soil, well drained; and the soil for the late Cabbage should be heavier and more retentive of moisture and not so rich as for early crops, as the heads are liable to burst.

To have Cabbage real early, sow seed in hotbed in February, or still better, Winter over the crops in a cold frame. For this purpose the seed is sown from the tenth to the twentieth of September. From four or five weeks from the time of sowing they will be fit to transplant into the cold frames. It is very important that the plants be set down to the first leaves so that the stem is all under the ground, otherwise the stem would split by the action of the frost.

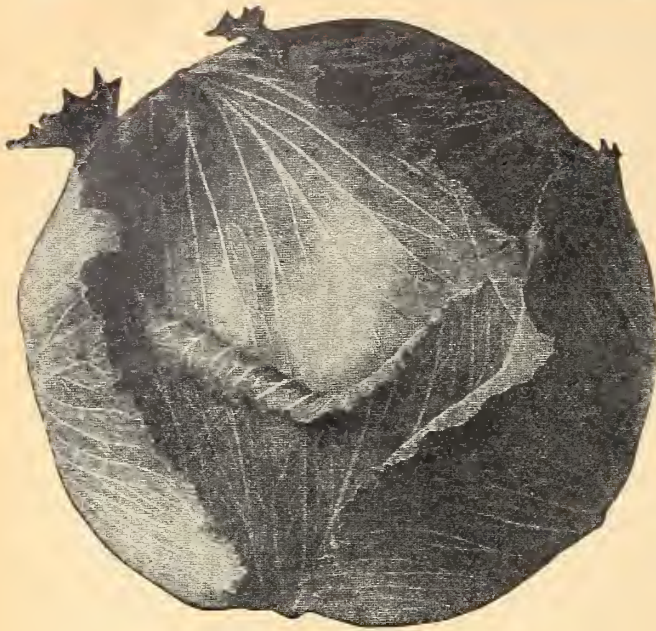
These early Cabbage plants are set out in March or April, in rows three feet apart and 18 inches between the plants. The early crop matures in June. For second early crop, sow seed first week in April and plant out in May. The crop matures in July and August. Late Cabbage for Fall and Winter use, sow seed in May to June. The plants are set in July, a distance of three feet between the rows and two feet between the plants. This crop matures in October. Cabbage should not be planted two years in succession in the same spot of the garden. One ounce of seed will produce 3000 plants.

Extra Early Varieties

30. **Early Jersey Wakefield Cabbage.** Special Selected Stock a variety that is very popular with the early shippers. Produces a medium size compact head, well pointed, and very attractive in appearance. This variety is planted in large quantities for the early market.



Bolgiano's Early Jersey Wakefield Cabbage



Stein's Early Flat Dutch

Extra Early Cabbage—Cont'd

25. **Big Winner Wakefield.** (Specialty, see page 8.) It has the same general characteristics of other Wakefield Cabbages, the heads being conical with a rounded or blunt point. It is, however, far superior to other strains of Wakefield Cabbage, being nearly double the size and better quality, and at the same time is fully as early. It has few outer leaves, permitting close planting, so that more heads can be grown to the acre than with other sorts.

26. **New Leader.** As early as the Wakefield, yields 12,000 heads, one-third more per acre than any other extra early Cabbage. The outer leaves are so few and so small that they can be planted very close. The heads are compact and solid from the time a head is formed and keeps so until thoroughly matured, thus enabling extremely early cutting of small, hard heads, or later when the Wakefield comes in, of large, thoroughly matured, solid, round, flat heads.

27. **Extra Early Express.** Ten days earlier than Jersey Wakefield. Heads rather small, but very solid and sharp pointed.

28. **Extra Early Jersey Wakefield.** An Improved early strain of Jersey Wakefield, slightly smaller and one week earlier.

373. **Enkhuizen Glory.** Is a valuable, early variety. It produces fine, marketable heads and is a splendid sort for the private garden and market gardener who grows for high-class trade. The heads are very solid with but few outer leaves and of such compact growth to permit close planting. The quality is excellent.

32. **The Charleston or Large Wakefield Cabbage.** A favorite large pointed type, matures a week or ten days later than Jersey Wakefield but is much larger. This variety is grown extensively to follow the Jersey Wakefield, and to precede the flat varieties.

595. **Stein's Early Flat Dutch.** Unexcelled for early spring planting, producing medium-sized heads that are unbeatable for home use or shipping purposes. No garden is complete without some of this splendid strain.

33. **Early Large York.** This is a very valuable, early variety and follows the Express and Jersey Wakefield in heading. The heads are round, heart-shaped and firm. Its dwarf growth will permit them being planted closely together.

34. **Early Winnigstadt—The Prussian Prize Stock.** The popularity of Winnigstadt Cabbage in all sections of the world is proverbial, but there is a great difference in the quality of the stocks. Some will produce heads of twice the size of others; the finest is grown in Northern Prussia. It is from this section that our famous stock was introduced a few years ago. It has become very popular with our market gardeners.

Second Early Varieties

154. **Bolgiano's Early Square Deal Cabbage.** (Specialty, see page 8.) The heads are solid and compact with very few outer leaves. A fine, solid, tender, uniform, early, flat Cabbage. The demand for a Cabbage of this character led us, by the most rigid and careful selection during the past five years, to mature this Cabbage, which we are confident will give all our friends and customers a "Square Deal" every time.

35. **Bolgiano's New Early Cabbage.** It forms solid, compact, round, flat heads, the leaves growing close to the head, thus allowing more Cabbage to be grown to the acre than any other sort. Its earliness (a week before other early, flat varieties) is one of its best marketable features.

38. **Early Summer Cabbage.** In size, form, solidity and earliness this is truly a model Cabbage. It heads just after our Jersey Wakefield.

36. **Florida Header Cabbage.** In color, shape and size the heads are most uniform.

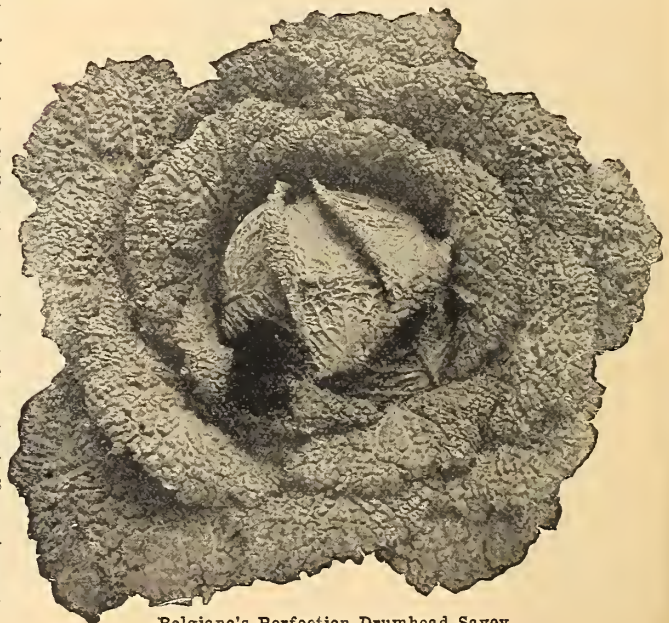
37. **All Head Early Cabbage.** For uniformity, reliability of heading, size, earliness and quality it is very superior. Its heads grow compact and free from spreading leaves.

148. **Brunswick, Fottler's Cabbage.** In this vicinity the Brunswick is considered second to none by the market gardeners. Plants are very short stemmed.

40. **Early, Short Stem, Drumhead Cabbage.** It is ready for marketing 2 or 3 weeks earlier than the late Drumhead, forms large, solid, rounded heads.

41. **Early Succession Cabbage.** A wonderful Cabbage for solidity, productiveness and fine, large heads.

42. **Sure Head Cabbage.** (Pedigree Stock.) True American grown. Produces large, round, flattened heads that are all head.



Bolgiano's Perfection Drumhead Savoy



Bolgiano's Extra Large, Late, Flat Dutch; Market Gardener's Choicest Stock

53. **Bolgiano's Perfection Drumhead Savoy Cabbage.** Surpasses all varieties of Savoy Cabbage for uniformity of heads, beauty of curl and superior keeping qualities.

49. **Mammoth Red Dutch.** Is the largest Red Cabbage, and heads very solid and is deep red in color to the very center.

374. **All Seasons.** An "all-season" variety, equally good for Fall and Winter as for Summer use. The heads are large, solid, round, flattened on top and of the best quality.

266. **Copenhagen Market, Early Danish Cabbage.** As early as Charleston Wakefield. This new Cabbage is very heavy and solid, makes a fine large, globe-shaped head with well-developed outside leaves.

Late or Winter Cabbage

43. **Bolgiano's Extra Large, Late, Flat Dutch; Market Gardener's Choicest Stock.** Can be planted later than the old-time varieties and matures more quickly into a handsome, extra large, solid, uniform Cabbage of perfect keeping qualities, (Specialty, see page 8.)

46. **Premium Flat Dutch.** It has long been the favorite sort for cole-slaw and sauerkraut. It matures just before severe frost and keeps perfectly over Winter.

47. **Large, Late, Drumhead Cabbage.** This splendid Cabbage produce enormous heads. Its good keeping quality makes it as first-class sort to carry over Winter.

48. **Danish Ball Head Cabbage.** This is the most excellent Cabbage, is very solid and outweighs any other Cabbage of equal size. The head is round with flattened top.

50. **Louisville Drumhead. (Best of all Drumhead Cabbage.)** There is no Cabbage of the Drumhead type which can be compared with this beautiful representative in shape, color, firmness and excellent table qualities. Drought has little effect upon it on account of the low habit of growth.

96. **Bolgiano's Ringleader Large, Late, Flat Dutch Cabbage.** Will always produce heads of enormous size and of the very finest quality.

372. **Pe-Tsai Chinese or Celery Cabbage.** Improved Chinese Cabbage. This vegetable is new to the public although old to the Horticulturists. Plant in July. Sow in drills 16 to 20 inches apart and the seedlings thinned two or three times.

CABBAGE

Extra Early Varieties	Pkt.	Oz.	¼ Lb.	Lb.
Ea. Jersey Wakefield...	\$.10	\$.25	\$.80	\$2.75
Big Winner .....	.10	.30	.90	3.00
New Leader .....	.10	.25	.80	2.75
Ex. Ea. Express .....	.10	.30	.90	3.00
Ex. Ea. Jersey Wakefield.	.10	.25	.80	2.75
Enkhuizen Glory .....	.10	.20	.75	2.50
Charleston .....	.10	.25	.80	2.75
Stein's Ea. Flat Dutch...	.10	.25	.80	2.75
Ea. Large York .....	.10	.20	.75	2.50
Winnigstadt .....	.10	.20	.75	2.50

Second Early Varieties

Square Deal	\$.10	\$.35	\$1.00	\$3.50
New Early .....	.10	.20	.75	2.50
Early Summer .....	.10	.20	.75	2.50
Florida Header .....	.10	.30	.90	3.00
All Head Early .....	.10	.20	.75	2.50
Fottler's Brunswick .....	.10	.20	.70	2.25
Short Stem Drumhead ..	.10	.25	.75	2.50
Succession .....	.10	.20	.75	2.50
Sure Head .....	.10	.20	.75	2.50
Perfection Drumhead				
Savoy .....	.10	.30	.90	3.00
Mammoth Red Dutch...	.10	.30	.90	3.00
All Seasons .....	.10	.25	.75	2.50
Copenhagen .....	.10	.35	1.00	3.50

Late or Winter Varieties

Ex. Large Late Flat Dutch..	.10	\$.20	\$.75	\$2.50
Premium Flat Dutch....	.10	.20	.75	2.50
Large Late Drumhead...	.10	.20	.75	2.50
Danish Ball Head.....	.10	.30	.90	3.00
Louisville Drumhead ....	.10	.20	.75	2.50
Ringleader .....	.10	.30	1.00	3.25
Pe-Tsai or Chinese Celery	.10	.35	1.00	3.50



Bolgiano's Earliest Snow Ball Cauliflower

CHOU-FLEUR
CAVOLO FLORE

Cauliflower

BLUMEN KOHL
COLIFLOR

Parcel Post Rates, see Page 1

Culture

The soil and culture requirements of Cauliflower and Cabbage are similar. Seed may be sown and handled in the same way as described in the Cabbage culture. It is best to plan your planting to have no Cauliflower maturing in the hot summer months, as the cool weather of late Spring and early Fall is best adapted for the growing of perfect heads.

Bolgiano's New Century Cauliflower

54. The Best in the World

It heads when others fail. Large, perfect heads, measure from 12 to 14 inches in diameter. The beautiful white heads are compact, deep and solid. Heads will outweigh those of any other strain. It is the earliest of all Cauliflower. One-third more can be planted on the same space than can be done with other varieties because of its close growing, compact habit. It is the Most Carefully Grown Cauliflower Seed in the World. (See Specialties, page 9.)

59. **Extra Early Dwarf Erfurt.** Small frame with short outer leaves, medium heads of uniform quality, a good late variety.

105. **Danish Giant or Dry Weather Cauliflower.** Well adapted to localities having dry spells. Produces large solid heads, one week earlier than Snow Ball. (See Specialties, page 9.)

55. **Snow Ball Cauliflower.** Early, very hardy, produces good size snow white heads. Our strain of this variety is unexcelled.

57. **Veitches Autumn Giant.** A large growing sort. Produces good size heads, rather late in maturing, especially adapted to climates with long growing seasons.

Brussels Sprouts

Culture. Sow in May, in the same manner as Cauliflower, and transplant in July, 2 feet apart in rows 2½ feet apart. Brussels Sprouts is the very best Winter vegetable that can be grown. It is as hardy as the common Curled Greens. When cooked through, such sprouts melt in the mouth like the tenderest Cauliflower, and are equally as good. If more widely known, Brussels Sprouts would be as popular as it is valuable.

22. **BOLGIANO'S MATCHLESS LONG ISLAND IMPROVED BRUSSELS SPROUTS.** Resembles cabbage very closely except that where the cabbage grows only one large head, the Brussels Sprouts grow large numbers of small, delicious, tender, heads at each leaf joint, throughout the entire length of the stalk. These small heads measure from one and a half to two inches in diameter, and are of light green color. This improved strain is an exceptionally heavy yielder. Plant grows from one and a half to two feet high. Brussels Sprouts are usually offered for sale in market packed in quart boxes and always bring a very high price. It is a profitable crop to grow.

355. **PARIS HALF DWARF BRUSSELS SPROUTS.** Being dwarf this variety is not as heavy a yielder as the larger variety, but is equal in quality.

Coliards

23. **Georgia Southern, or Creole.** Forms a large, loose, open head, or a mass of leaves on a tall stem. Freezing does not injure but rather improves their quality. Sow thick in drills, in rich ground, transplanting when 4 inches high, or sow in drills where the plants are to remain and thin to 1 or 2 feet apart in the row when of proper size. In the South, sow from January to May, and August to October.

590. **North Carolina Short Stem.** A decided improvement, and has proved very popular wherever grown. Has short stem, large spreading leaves, very hardy, withstanding drought in Summer and cold in Winter. Its flavor and cooking qualities are the very best.



Early Dwarf Erfurt Cauliflower

CAULIFLOWER	Pkt.	¼ Oz.	½ Oz.	¾ Lb.
New Century	\$.25	\$.90	\$ 1.50	\$ 9.00
Dwarf Erfurt .....	.25	.85	1.40	8.50
Danish Giant .....	.25	.90	1.50	9.00
Snowball .....	.25	.85	1.40	8.50
Veitches Autumn Giant.....	.25	.35	.50	1.50
BRUSSELS SPROUTS	Pkt.	Oz.	½ Lb.	Lb.
Matchless Long Island.....	\$.10	\$.30	\$.90	\$ 3.00
Paris Half Dwarf.....	.10	.30	.90	3.00
COLLARDS	Pkt.	Oz.	¾ Lb.	Lb.
Georgia Southern	\$.10	\$.15	\$.25	\$.85
No. Carolina Short Stem.....	.10	.15	.25	.85



Bolgiano's King Carrot

One ounce will sow 100 feet of drill, 3 or 4 pounds for an acre

Carrots

Möhren
Carotte
Zanahoria

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

Culture. Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong loam. For earliest crop, sow seed of the early, short-rooted sorts in April or May, in drills 2 feet apart and thin to 2 inches. For main crop, sow in May or June or for succession even in July, using the long rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches.

60. **Bolgiano's New Extremely Early Orange Gem Carrot.** Has small, fine tops, flesh bright orange red, very crisp, tender and sweet. See Specialties page 9.

64. **Bolgiano's Pride of the Market Carrot.** Half long, color, deep orange scarlet, smooth skin, free from side roots. See Specialties, page 9.

62. **Improved Long Orange Carrot.** Uniformly a deep orange color, growing a long, smooth, symmetrical Carrot. Tremendous yielder and of a rich, sweet flavor; will retain its delicious flavor all Winter.

63. **Early Ox-Heart Carrot.** So very early, so shapely, so tender, and of such a fine, bright, scarlet color. Not only is extreme earliness a characteristic of our Ox-Heart Carrot, but its exceptionally fine quality, being almost entirely without core.

14. **Early Sunbeam.** Bolgiano's Extremely Early Carrot. This beautiful, delicious, exceptionally early forcing Carrot comes at the time of the year when new vegetables are most appreciated and enjoyed. Be sure to plant some.

91. **Bolgiano's King Carrot.** Grows about six to seven inches long when allowed to stand to maturity, but can be pulled earlier when smaller size is wanted. This variety will take the place of several less popular sorts because it will meet the wants of all classes of your trade. Its color is deep orange, flesh is free of fibre, has a beautiful shape tapering off to a rather sharp point.

65. **St. Valery, Long Red.** Color, orange-red. Roots large and handsome, intermediate in shape between Danvers and Long Orange.

66. **Early Scarlet Horn.** A very popular sort; quick growing; deep orange in color; blunt rooted; six to eight inches in length.

67. **Danvers Half Long Orange.** One of the heaviest croppers, roots dark orange color.

68. **Chantenay or Model.** Early, scarlet color, stump rooted, broad, thick shoulder, heavy cropper.

69. **Nantes, Half Long, Stump Rooted.** Roots 8 to 10 inches in length, thick shoulder, deep orange and good cropper.

570. **James' Intermediate Scarlet.** Roots similar in shape and size to Danver Pointed; color, scarlet; nearly coreless.

361. **Large, White Belgian Carrot.** Produces large roots four inches in diameter at the top and 10 inches in length. It has a white skin and flesh. These Carrots are grown for feeding stock during Winter; they keep stock in fine condition.



Chantenay Carrot

Corn Salad

MÄCHE
Canonigos
Şelbşalat

1 Ounce will sow 20 square feet,
6 pounds will sow an acre

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

Culture. Sow during August or early in September, in drill ¼ inch deep and 6 inches apart. If the weather is dry when the seed is sown, tread it lightly to insure germination. Keep down weeds with hoe. Just before the Winter, cover thinly with straw or leaves.

24. **Large German Corn Salad.** Used as a salad and for garnishing.

CARROTS

	Pkt.	Oz.	¼ Lb.	Lb.
Ea. Orange Gem.....	\$.10	\$.20	\$.45	\$1.50
Pride of the Market....	.10	.15	.40	1.25
Improved Long Orange..	.10	.15	.30	1.00
Ox-Heart .....	.10	.15	.30	1.00
Early Sunbeam .....	.10	.15	.40	1.25
Bolgiano's King .....	.10	.15	.40	1.25
St. Valery Long Red....	.10	.15	.30	1.00
Scarlet Horn .....	.10	.15	.30	1.00
Danvers Half Long.....	.10	.15	.30	1.00
Chantenay .....	.10	.15	.30	1.00
Nantes .....	.10	.15	.40	1.25
James' Intermediate ....	.10	.15	.30	1.00
Large White Belgian.....	.10	.15	.20	.65

CORN SALAD

German Corn Salad....	\$.10	\$.15	\$.30	\$1.25
-----------------------	-------	-------	-------	--------



Bolgiano's Victory Celery

Celeri
Sedano

CELERY

Apio
Cellerie

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs.

Culture. One ounce will produce about twenty-five hundred plants and sow about two hundred feet of row. Sow the last of March or early in April, in an open border, in rich, mellow ground in shallow drills, watering freely in dry weather. By rolling or pressing in the seed, the result will be more satisfactory than when only covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high, transplant the dwarf varieties 3 feet and the taller sort 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well and when large enough, blanch by earthing up. The first operation is that of "handling," generally done by the beginning of September. After the soil has been drawn up with the hoe, it is drawn around each plant by hand to keep the leaves firm in upright position and prevent spreading. When plants have become "set" in an upright position and the Celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plow and finishing it with a spade, bringing the earth nearly up to the tops of the plants. The method employed now for protecting it is by covering the tops of the banks with waterproof felt paper.

71 Bolgiano's French Golden Self-Blanching Celery

It is an excellent keeper, stands shipment better than any other sort and brings the highest market prices. It is a vigorous dwarf grower, compact in growth and self-blanching to a very remarkable degree; even the ribs become a handsome, fresh, clean, yellow color, with a heart that is large and solid and of a beautiful, rich, golden yellow color. It is quite early and easy to cultivate. In the home garden it produces golden yellow stalks very early, which are crisp, tender and nutty in flavor. It will keep in good condition until Christmas or New Year's. Our stock is grown especially for us by the originator in France. (See Specialties, page 10.)

81. Bolgiano's Victory Celery. It has a great amount of heart, is heavier, stouter and thicker than many of its rivals. It is the most economical Celery yet introduced, every particle being solid, crisp and of a delicious flavor. Its beautiful, large, golden heart and compact growth make an ornament hard to surpass. It is a remarkable keeper, maintaining its firmness as late as May. Critical market gardeners pronounce it to be the finest quality, best keeper and most salable Celery they have ever raised. It is ready for market by December.

455. Bolgiano's Easy Blanching Celery. Excels all other varieties in earliness, in quick blanching, in flavor and in tenderness. A quick growing, very easy blanching variety. Grows a bulky plant of medium height, usually twice the size of other varieties, which produces a great number of crisp, sweet stalks.

73. Giant Pascal Celery. This is a large, solid, excellent sort. It blanches very quickly to a beautiful yellowish-white color, is very solid and crisp, and a fine nutty flavor. Stalks grow broad and thick.

72. Perfected White Plume Celery. Is the most extensively used on account of its extreme earliness. Its stalks and portions of its inner leaves and heart are white naturally, by simply tying the plant together, or by drawing the soil firmly against the plant.

75. Winter Queen Celery. (Pedigree Stock.) A good keeper and beautiful in appearance. Ribs perfectly solid, crisp and of a delicious, nutty flavor.

74. Dwarf Golden Heart Celery. Is crisp, solid, handsome and most excellent flavor, with a beautiful Golden Heart.

78. Giant Golden Heart Celery. A gardener found in his Dwarf Golden Heart a few plants of larger growth. A careful selection made for many years resulted in the Golden Giant Heart, which excels for larger size, solidity and keeping quality.

Celeriac, or Turnip-Rooted Celery

139. Giant French Celeriac. There is not a single item of interest in the growing and developing of seeds that we pass by without most thoroughly investigating and testing to see if there is something of value to our customers. To prove our watchfulness, we are here introducing the Giant French Celeriac. Many thought the Celeriac which the Market Gardeners have had for years was good enough, but we are always on the alert for something better and are rewarded for our pains by being able to offer this splendid Celeriac.

83. Large, Smooth Prague Celeriac. A large Celery flavored root used extensively for flavoring soups, pickles, etc.; also relished sliced as a salad with pepper and vinegar. It is also used to flavor chicken and potato salad.



Bolgiano's Easy Blanching Celery

CELERY	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
French Golden Self Blanching.....	.10	\$1.00	\$3.00	\$10.00
Bolgiano's Victory .....	.10	.20	.60	2.00
Early Blanching .....	.10	.35	1.15	4.00
Giant Pascal .....	.10	.25	.75	2.50
Perfected White Plume.....	.10	.30	.90	3.50
Winter Queen .....	.10	.30	.80	2.50
Dwarf Golden Heart.....	.10	.25	.75	2.50
Giant Golden Heart.....	.10	.25	.75	2.50
Celery Seed for Flavoring.....		.10	.15	.50
CELERIAC OR TURNIP-ROOTED CELERY				
Giant French .....	.10	\$.20	\$.60	\$2.00
Large Smooth Prague.....	.10	.25	.75	2.50



Bolgiano's
Superior Stock
Stowell's
Evergreen Corn

These varieties are not Sugar Corns. They are hardier and can be planted earlier. Make excellent roasting ears.

Garden Corn

1 qt. is about 2 lbs.
2 1/2 qts. are about 5 lbs.
10 lbs. are about 2-3 peck.
15 lbs. are about 1 peck.
Order 50 lbs. at 100-lb. rates.

We Pay Postage on 10c Pkgs. of Corn Only, on Larger Quantities, Postage Extra and Must Be Included With Remittance—Parcel Post Charges—See Page 1

Culture. Seed of the sweetest varieties is liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in Spring, it may pay you to take some risks. Often the plants, when once up will escape injury by a belated light frost. Plant in warm soil 5 to 6 kernels to a hill, making the rows 3 feet apart for the dwarf or early sorts, and 4 feet apart for the taller late sorts. Hills to be 2 to 3 feet apart in the rows, thin out to 2 plants in a hill. Always remove the young suckers attached to the larger plants, and permit no weeds to grow. Planting should be made once a week, from the moment the ground is warm enough until about July 15th, using the early varieties for the first three plantings. Quantity required, one quart for 200 hills, 8 quarts per acre.

1308. **Bolearly Corn.** (Specialty, see page 11.) Our new introduction earlier than any Adams type of corn. Dwarf stocks 4 to 5 feet high. A corn for the earliest market garden trade.

1222. **Truckers' Favorite.** Not a Sugar Corn, but used largely in Baltimore and the South as a table Corn.

1049. **65-Day White Cob Corn.** This Extremely Early Corn looks like Snow White Evergreen Corn, but is ready for the market in 60 to 65 days from planting.

1052. **Adams Extra Early.** A splendid early variety largely grown for early market.

1053. **Second Early Adams'.** Ears are larger and later than Adams' Extra Early.

1050. **Gillespie's First Early Patapsco Neck Corn.** The very First Good Size Corn that can be brought to market.

1051. **Double XX Extra Early Adams' Sweet Corn.** Two weeks earlier than Extra Early Adams', large ears completely filled with 10 to 14 straight rows of snowy white deep grains.

Sweet or Sugar Corns

Extra Early

1290. **Bolgiano's Extra Early Harvester Sugar Corn. 1920 Creation.** (Specialty, see page 11.) The best extra early white Sugar Corn that has ever been placed on the market. Earlier than the Golden Bantam, much sweeter, large ears and very prolific.

1136. **California Golden Country Gentleman Corn.** This is a wonderful combination of the Cream and Honey Sugar Corn and the well-known Country Gentleman Sugar Corn. Could you possibly think of anything more delicious than the good points of these two Corns combined into one?

GARDEN CORN	Pkt.	1 Lb.	2 Lb.	5 Lb.	15 Lb.
Bolearly .....	.10	\$.35	\$.65	\$1.50	\$4.00
Trucker's Favorite..	.10	.30	.55	1.25	3.30
65-Day White Cob..	.10	.30	.55	1.25	3.30
Ex. Ea. Adams....	.10	.30	.55	1.25	3.30
Second Early Adams	.10	.30	.55	1.25	3.30
Gillespie's Patapsco Neck .....	.10	.30	.55	1.25	3.30
XX Ex. Ea. Adams..	.10	.35	.65	1.50	4.00

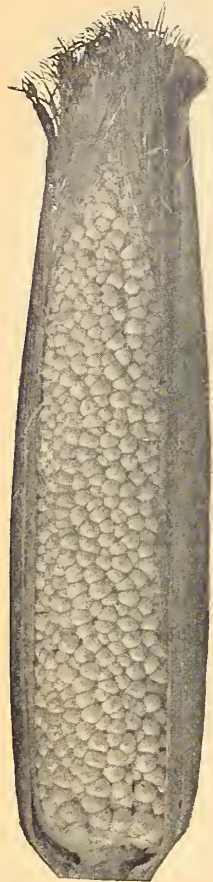
SUGAR OR SWEET CORN	Extra Early	1 Lb.	2 Lb.	5 Lb.	15 Lb.
Ex. Ea. Harvester..	.10	\$.40	\$.75	\$1.75	\$4.00
California Country					
Gentlemen .....	.10	.40	.75	1.75	4.00
Cream and Honey..	.10	.40	.75	1.75	4.00
Howling Mob .....	.10	.35	.65	1.50	4.00
Barden's Wonder					
Bantam .....	.10	.35	.65	1.50	4.00
Early Butter-nut ..	.10	.40	.75	1.75	4.00
Mammoth White					
Cory .....	.10	.35	.65	1.50	4.00
Golden Bantam ...	.10	.35	.65	1.50	4.00
Premo 60-Day ....	.10	.35	.65	1.50	4.00
Early Crosby .....	.10	.35	.65	1.50	4.00
Early Evergreen ..	.10	.35	.65	1.50	4.00
Mammoth Sugar ..	.10	.35	.65	1.50	4.00

GENERAL CROP	1 Lb.	2 Lb.	5 Lb.	15 Lb.	
Snow White Evergreen .....	.10	\$.35	\$.65	\$1.50	\$4.00
Stowell's Evergreen..	.10	.35	.65	1.50	4.00

LATE CROPS	1 Lb.	2 Lb.	5 Lb.	15 Lb.	
Country Gentlemen..	.10	\$.35	\$.65	\$1.50	\$4.00
Large Late Mammoth .....	.10	.35	.65	1.50	4.00
Shoe Peg or Ne Plus Ultra .....	.10	.35	.65	1.50	4.00
Black Mexican ...	.10	.30	.55	1.25	3.30
Rice Pop Corn....	.10	.20	.35	.75	1.80

Add Postage to 1 Lb. and Over on All Corn Prices

Corn—Second Early—Continued



Country Gentlemen
Corn

1182. **Bolgiano's Cream and Honey Sweet Corn.** Extremely early, most delicious flavor, exceptionally fine quality. Should be tried by every wide-awake market gardener and in home garden, where the "best" of everything is enjoyed.

1256. **Howling Mob.** Superb long ears of sweetest quality. Stalks are of strong, vigorous growth, 4½ to 5 feet in height, abundant foliage, and generally produces 2 fine ears to a stalk.

443. **Bardens Wonder Bantam Corn.** New introduction see Specialties, page 11.

1005. **Early Butter-Nut Sugar Corn.** Follows Cream and Honey Sugar Corn by four to seven days. Ears 7 to 9 inches long, with 14 rows of good size Butter-Nut pearly white grains. Stalks grow about 5 feet high and produce 2 fine ears.

1057. **Mammoth White Cory Sweet Corn.** Produces ears 7 to 8 inches long; 12-rowed; white-cobbed and covered with very large, white grains of extra quality

1112. **Golden Bantam Corn.** This very early, yellow grained Sweet Corn, when in best condition for the table, is remarkably sweet and tender. The stock we offer has been improved by several years of careful selection, and therefore will be found decidedly superior to much that is offered.

1115. **Premo 60-Day Corn.** It is superior to many leading early varieties in quality, size and yield. Can be planted as early as Adams' for the young plant withstands slight frosts.

1302. **Early Crosby.** A high quality, second early, very popular in Eastern sections, especially New England. Ears about 6 inches long, 14 rowed, grains square, very white, sweet and tender.

1060. **Extra Early Evergreen.** One week earlier than Stowells Evergreen, and very much like this variety, especially in keeping qualities.

1061. **Early Mammoth Sugar.** Market Gardeners' favorite. Two weeks earlier than the Late Mammoth.

General Crop

1066. **Snow White Evergreen Sugar Corn.** White as snow and five days earlier than Stowell's Evergreen. Deliciously flavored and as sweet as sugar. Very tender. Each ear has 16 or more rows of long, slender purest white grains. Being Snow-White it is extremely attractive when served on the table. When put up in cans it retains its whiteness and does not have that yellowish tinge of the regular Stowell's Evergreen. Stalks straight and vigorous, 6 to 8 feet high. Ears are uniform, very large and completely filled to the tip.

1067. **Stowell's Evergreen.** The most profitable general crop sweet corn. Stalks grow about 8 feet high with ears from 7 to 9 inches long and from 14 to 16 rows to the ear of deep, white, medium sized grains of the finest flavored corn. Our strain of this variety is bred to produce two good sized ears to the stalk.

Late Crop

1065. **Country Gentleman Sugar Corn.** One of the most delicious Sugar Corns grown. Kernels plump, pearly white, milky and so tender they fairly melt in your mouth. It is deliciously tender, even when a little old. Ears average 8 or 9 inches long. Cob small, plump and filled zig-zag from end to end with pearly white kernels of great depth.

Agretto Berro de fontain

Cress

CRESSON
Brunnen Streffo

Culture. Sow curled or pepper grass thickly, in shallow drills, every 2 weeks. It should be cut often and will continue to grow. It is useful for salad and for garnishing.

520. **True Water Cress.** Should be sown in damp soil; or if a stream of water can be utilized, they would be much finer. They will thrive well in damp hotbeds. Rightly managed, their culture is very profitable. To obtain early salad it is a good plan to sow with Water Cress Seed a strip 4 inches wide on the upper margin of the hotbed, inside the frame, where it is always cool.

*Chicoree Sawage
Cicoria Selvatica*

Chicory

*Achicoria
Chicorienwurzel*

404. **Whitloof or French Endive.** A winter salad, mostly served with salad dressing. Seed should be sown in the open ground in June, and later thinned to stand 5 inches apart and allowed to grow until the fall. They are then taken up and cut to about 7 inches in length, all side roots removed, planted in a trench 15 inches deep, about 2 inches apart; the trench is then filled with good, rich soil.

1 Oz. to 150 feet
of row

Endive

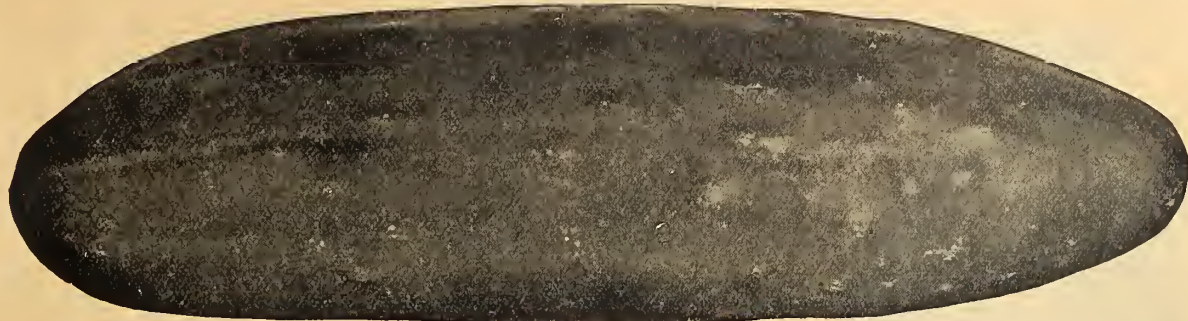
CHICOREE
*Escarola o Endivia
Endivien*

106. **Bolgiano's Self-Blanching Endive.** A perfect self-blanching curled Endive, beautiful and graceful in shape, most attractive, perfect color, shading from a large, rich golden heart to the outer leaf of emerald green.

107. **Green Curled Endive.** Much better than the common varieties. An attractive and ornamental vegetable.

452. **Broad-Leaved Batavian.** The leaves are large and broad, having the edges slightly cut. It can be blanched, but is more generally used to cook like Spinach, or as flavoring for soups, stews, etc. Called "Escarolle" in the South.

CRESS	Pkt.	Oz.	¼ Lb.	Lb.
True Water Cress.....	.10	\$.50	\$1.40	\$5.00
Fine Curled or Pepper Grass .....	.10	.15	.25	.80
CHICORY				
Whitloof	\$.10	\$.25	\$.75	\$2.50
ENDIVE				
Bolgiano's Self Blanching..	\$.10	\$.15	\$.50	\$1.75
Green Curled .....	.10	.15	.40	1.50
Broad-Leaved Batavian..	.10	.15	.40	1.50
HERBS				
Sweet Basil	\$.10	\$.20	\$.60	
Caraway .....	.10	.20	.60	
Chives .....	.10	.60	1.75	
Coriander .....	.10	.15	.45	
Mammoth Dill .....	.10	.15	.45	
Fennel Sweet .....	.10	.25	.75	
Horehound .....	.10	.30	.95	
Lavender .....	.10	.25	.80	
Sweet Marjoram .....	.10	.25	.80	
Martynia .....	.10	.40	1.15	
Rosemary .....	.10	.45	1.25	
Sage .....	.10	.50	1.35	
Summer Savory .....	.10	.20	.60	
Thyme .....	.10	.50	1.35	



Bolgiano's Famous Early Fortune Cucumber

We Pay Postage on Pkts., Ozs.,
¼ Lbs. and Lbs.

Cucumber

CONCOMBRE
Cohombro
Gurten

One ounce will plant fifty hills,
two pounds will plant one acre

Culture. For very early, sow in hotbeds upon pieces of sod, or in small pots; they can be readily transplanted with a gain of about six weeks before they can be sown in the open. Plant out in rich soil when danger of frost is over, or protect by hand glasses; or by paper held down at the corners with earth. For general crops, sow in the open as soon as the weather is settled and warm, and every two weeks for a succession. For pickles, sow from middle of June to Fourth of July. Sod land, turned over in the Fall, is the best for them. Plant in hills 4 feet apart, putting shovelful of well-rotted manure in each hill.

394. Bolgiano's Crystal Springs Cucumber. 1918 introduction. (Specialty, see page 10.) Extra early, heaviest yielding, continuous bearer. Attractive rich, glossy, deep green color. Deep green to the very tips. Mildew-proof never turns yellow. Perfect in shape, color and size. No misshapen fruits or culls. Flesh firm, fine grained and tender. The quality is superb. Most refreshing and delightful flavor. Entirely free from bitterness. Very few seeds. Fine for slicing. The ideal Cucumber for either shipping, market or home use.

84. Bolgiano's Early Fortune Cucumber. Full blooded, as pretty as a picture, and extremely early, wonderfully productive, a model in shape, of the most inviting and attractive deep green color. Without a doubt the finest in the world.

17. Bolgiano's Prosperity White Spine Cucumber. This Cucumber will immediately jump into utmost favor with shippers, market gardeners and private gardeners.

135. New Klondike. Very dark green, 6 or 7 inches long and two inches thick, remains crisp a long time. It is a grand market sort.

398. Early Green Cluster Cucumber. This is an extra early pickling or frame variety, being the earliest Cucumber of practical use. Fruit is set in clusters of two or three and are used for either pickles or for extra slicers.

19. Perfection White Spine Cucumber. This Cucumber is very much the same type as the Early Fortune. This sort has great quantities of extra fancy dark green fruit, which always sells well in all markets.

236. Boston Pickling. Fruit short, smooth and pointed at each end; light green, a great yielder; one of the best for pickling.

208. Chicago or Westerfield Pickling Cucumber. Fine for Market Gardeners. Medium length, pointed at each end, large spine, deep green, very prolific. A fine pickling variety.

98. Improved Long Green Cucumber. If you have to make one variety do for everything, this is the one to use. It is used for an early long slicing sort. It gets on the market a week ahead of most good slicers and gets the early money.

94. Early Frame, or Early Short Green. Desirable for producing pickles of medium size and fine quality.

95. Improved Jersey Pickle. It is medium in length, very shapely, prolific and holds its color.

544. Davis Perfect Cucumber. This variety is noted for producing the only Cucumbers of quality enabling them to sell in competition with hot-house grown stock. Very slender, almost seedless, cylindrical and tapering at the ends. It much resembles the expensive English forcing varieties and is superseding them in the markets.

518. West Indian Gherkin. This is the only genuine Gherkin. It is small, oval and covered with spines; color light green.

517. Japanese Climbing Cucumber. Used as a beautiful vine and also for its fruit.

342. The New Lemon Cucumber. It has a thin skin, is crisp, tender and sweet. Can be used sliced, whole or as pickles.

384. Cool and Crisp. This is the earliest and one of the most prolific pickling Cucumbers. The Cucumbers are of a dark color, straight, long, even and slim. They are very tender and crisp.

85. Arlington White Spine Cucumber. For many years the standard slicing and market variety. Very prolific, and of dark green color.

90. Evergreen, or Long White Spine Cucumber. The best extra long table and market Cucumber. Fruit grows 8 to 10 inches long, holding diameter well from end to end. Heavy producers of extra fancy dark green fruits of good quality.

340. Fordhook Pickling. A thin skinned variety popular on account of its long bearing season. It is very prolific, and a great resistant to blight.

587. Snow's Fancy Pickling. This type is shorter when ripe than the Chicago Pickle and is broad at the stem end, tapering slightly to the tip. The small pickles, although quite similar to the Chicago Pickle, have an additional value where blight prevails. The fruit being smaller, the blight does not sap the strength of the vine to the detriment of a crop.

591. Earliest of All. A fair size, dark green White Spine. The earliest of good quality we have tried, of especial value in localities where blight prevents the maturing of the late and longer sorts; also of value in the south for first crop.

88. Extra Long White Spine Cucumber, or Fordhook Famous. Skin very deep green; firm and usually crisp. The plant is a strong grower; leaf large and of a deep green color. The fruit is long (12 to 17 inches), smooth, slim and uniform.

86. Improved Extra Early White Spine Cucumber. We have a very uniform dark green strain. Vines are exceptionally rugged and productive and fruit holds color well after harvesting.

CUCUMBER	Pkt.	Oz.	¾ Lb.	1 Lb.
Crystal Springs	\$1.00	\$2.00	\$6.00	\$2.00
Early Fortune .....	.10	.15	.45	1.50
Prosperity White Spine....	.10	.15	.45	1.50
New Klondike .....	.10	.15	.40	1.25
Ea. Green Cluster.....	.10	.15	.40	1.25
Perfection White Spine....	.10	.15	.40	1.25
Arlington White Spine....	.10	.15	.40	1.25
Evergreen or Long White Spine .....	.10	.15	.40	1.25
Fordhook Pickling .....	.10	.15	.30	1.00
Snow's Fancy Pickling....	.10	.15	.40	1.25
Earliest of All.....	.10	.15	.40	1.25
Extra Long White Spine....	.10	.15	.40	1.25
Improved Extra Early White Spine .....	.10	.15	.40	1.25
Boston Pickling .....	.10	.15	.40	1.25
Chicago or Westerfield Pickling .....	.10	.15	.40	1.25
Improved Long Green.....	.10	.15	.40	1.50
Early Frame or Short Green..	.10	.15	.40	1.25
Improved Jersey Pickling..	.10	.15	.40	1.25
Davis Perfect .....	.10	.15	.50	1.75
West India Gherkin.....	.10	.15	.45	1.50
Japanese Climbing .....	.10	.15	.45	1.50
New Lemon .....	.10	.15	.45	1.50
Cool and Crisp.....	.10	.15	.40	1.25



Florida High Bush Egg Plant

for marketing. It will stand the coldest Winter. Besides being a delicious vegetable, it has always been an exceptionally profitable crop, bringing money during the Winter months when most all vegetables are scarce.

112. **Extra Dwarf Green Curled Scotch, or Norfolk Kale.** One of the best Kales for Spring sowing in the North; the principal sort grown South for Northern markets; hardy, and will remain over Winter where temperature does not go below zero. Very dwarf and spreading, rarely exceeding 18 inches in height. Leaves are a bright green color, beautifully curled and produced in abundance.

108. **Imperial, Very Curly, Long Standing Kale.** Beautifully curled and crimped sort; strong, vigorous habit, perfectly hardy, bright green color; very attractive in appearance; superior to all late sorts; will stand longer without shooting to seed than any other variety.

351. **Spring or Smooth Kale.** A hardy, quick growing, smooth leaved variety. The best for Spring sowing, but largely sown in the Fall, making greens earlier than the Winter varieties.

109. **Curled German Kale.** Hardy; stands the frost of our severest Winters; grows rapidly, dwarf habit, beautifully curled.

110. **Siberian Curled Kale.** The green leaves are very large and comparatively plain in the center, but heavily curled on the edge. It is a fast grower, extremely hardy and will stand longer in the Spring without bolting than any other variety.

512. **American, Extra Curled, Long Standing Kale.** Of a beautiful green color.

Horse Radish Roots

By mail Postpaid Doz. 30c., Express not paid, 50 for 60c., 100 for \$1.00, 300 for \$2.75, 500 for \$4.25, 1000 for \$8.00.

This is a hardy plant, thriving best in a cool, moist spot. The small sets or roots are planted each spring to furnish large, straight, smooth roots for use the following season. The roots can be left in the garden until needed for use and, when grated, makes an appetizing relish for all meat dishes.

1 Oz. will produce
500 Plants

Egg Plant

We Pay Postage on Pkts.,
Ozs., ¼ Lbs. and Lbs.

AUBERGINE *Berengena* Eierplanze

Culture. Sow in hotheads very early in Spring and transplant when 2 inches high into a second bed or into small pots. If this is not done, thin to 4 inches apart. Do not plant out until weather is perfectly settled and warm. Cool nights or wet weather will check them. Keep some back in frames for a second planting, in case of weather changing unexpectedly. Set out plants 3 by 3 feet.

100. **Bolgiano's Black Beauty Egg Plant.** (Specialty, see page 13.) The earliest and best of all large fruited Egg Plants.

99. **The Florida High Bush Egg Plant.** Holds the fruit well off the ground, resists drought and wet weather. Fine purple color, very productive.

103. **Bolgiano's Improved Large Purple Egg Plant.** Perfect stock of improved Large Purple Egg Plant. It has a handsome shape, a fine, dark, purple color, beautiful form, large size, and is uniform, making it attractive for shipping and market use.

101. **New York Improved Egg Plant. (Spineless.)** A vigorous grower; fruit large, fine, free from thorns, and produce until frost; skin of a rich purple, flesh white and of a rich flavor. We can highly recommend this Egg Plant.

104. **New Orleans Egg Plant.** Large, dark, purple color. They are good shippers.

1 Ounce will
produce about
5,000 Plants

Kale

CHOUVERT
Col rabano
Krautkohl

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

Culture. The Kales are more hardy than Cabbage, make excellent greens for Winter and Spring use, and are improved by frost. Sow in March and April, and cultivate the same as Cabbage. For early Spring use sow in September, and protect during Winter. Some of the varieties are so hardy that the green leaves may be dug out from under the snow in Winter and be used for greens.

113. **Bore Cole or Kale. Hardy Winter Spargel Kohl.** The most salable delicious and tender of all Winter Kales. About Baltimore it is sown in May, and transplanted like Cabbage to stand over Winter. It is taller than the extra dwarf varieties, and when the leaves are stripped or fall off, new tender leaves quickly grow out. Then they are again stripped off and used

EGG PLANT	Pkt.	Oz.	¼ Lb.	1 Lb.
Black Beauty	\$.10	\$.50	\$1.50	\$5.00
Florida High Bush.....	.10	.40	1.25	4.00
Improved Large Purple.....	.10	.45	1.35	4.50
New York Improved (Spineless) ..	.10	.45	1.35	4.50
New Orleans .....	.10	.40	1.25	4.00
N. J. Improved Large Smooth..	.10	.45	1.35	4.50
KALE				
Hardy Winter Spargel Kohl....	.10	.25	.75	2.25
Ex. Dwf. Green Curled Scotch or Norfolk .....	.10	.15	.30	1.00
Imperial Curly Long Standing..	.10	.15	.25	.75
Spring or Smooth.....	.10	.10	.15	.35
Curled German .....	.10	.15	.20	.65
Siberian Curled .....	.10	.15	.20	.65
Amer. Ex. Curled Long Standing	.10	.15	.20	.65



Bolgiano's Hardy Winter Bore Cole or Kale

Kohl-Rabi

CHOU-RAVE
Col rabano
Knoll Rohl

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs.

152. **Best-of-All Kohl-Rabi.** Combines the qualities of the finest varieties. Round like an apple, fine, smooth skin. Leaves, very few, stands erect, enabling grower to plant closer and helps him in bunching. Flesh is unsurpassed in tenderness and flavor. Best of All Kohl-Rabi will not run to seed in frosty weather. Equally valuable for forcing or open ground culture.

117. **Earliest White Vienna.** A well known variety, whitish green in color, with small tops. It matures very early. It has a sweet flavor and is very tender.

343. **Purple Kohl-Rabi.** Equally as good as the White Vienna, but matures about a week later. It has a light purple color.

Leek

POIREAU
Puerro
Porree

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs.

Culture. Sow early in April in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high transplant in a deep, rich soil in rows 24 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow.

114. **Bolgiano's Famous Mammoth King Leek.** (Specialty, see page 13.) It has a handsome form, is very mild, agreeable in flavor, grows to double the size of ordinary varieties, is pure white, has attractive dark colored leaves, is stout in habit and hardy. The edible part is 8 to 15 inches long, and 3 to 5 inches in diameter.

546. **Monstrous Carenton or Scotch Champion.** Very large, hardy and productive; popular for market.

116. **Extra Large American Flag or Broad London.** Distinct and dark-colored leaves; stout in habit and hardy.

We Pay Postage on
Pkts., Ounces, $\frac{1}{4}$
Lbs. and Lbs.

Lettuce

LAITUE
Lechuga
Lattich

1 Oz. to 3,000 Plants
2 Lbs. to the Acre

Culture. For early Summer use, sow in hotbeds in March, sowing every two weeks for succession. Transplant the young plants to rows 2 feet apart and 8 to 12 inches apart in the row. For Winter use, sow in August, transplant to frames; and for this purpose the early heading varieties, such as the Millionaire Lettuce, are best adapted. The Cos varieties require to be tied up for a few days in order to properly blanch them.

480. **Bolgiano's Sure Summer Header Lettuce.** (Specialty, see page 14.) This is the best Mid-Summer Variety, resisting heat and drought and remains in a heading condition longer than any other. It is a sure header in the hottest, driest weather and proves a big success under conditions when all others fail. The heads are a good size, very solid, a fresh green color. Loose leaves can all be used as they are brittle and tender. This strain is a big improvement over all other Summer varieties.

155. **Unrivaled Lettuce.** An improvement on the Big Boston Lettuce, possessing earliness, large size, attractive color, etc. It can be sown almost the whole year around; it resists the Summer heat, is crisp and solid.

150. **Millionaire Lettuce.** Unquestionably the earliest and far better than any other extremely early large heading Lettuce. A Lettuce fit for a king.

415. **Bolgiano's Masterpiece Lettuce. 1920 Creation.** (Specialty, see page 2.) Sure header, very solid, beautifully blanching, crisp as ice; mild, tender, sweet, delicious flavor. It is equally well suited for the home garden, near-by markets or long-distance shipping. Does well in any section of the country. A very profitable Lettuce to grow.



Millionaire Lettuce



Best of All Kohl-Rabi

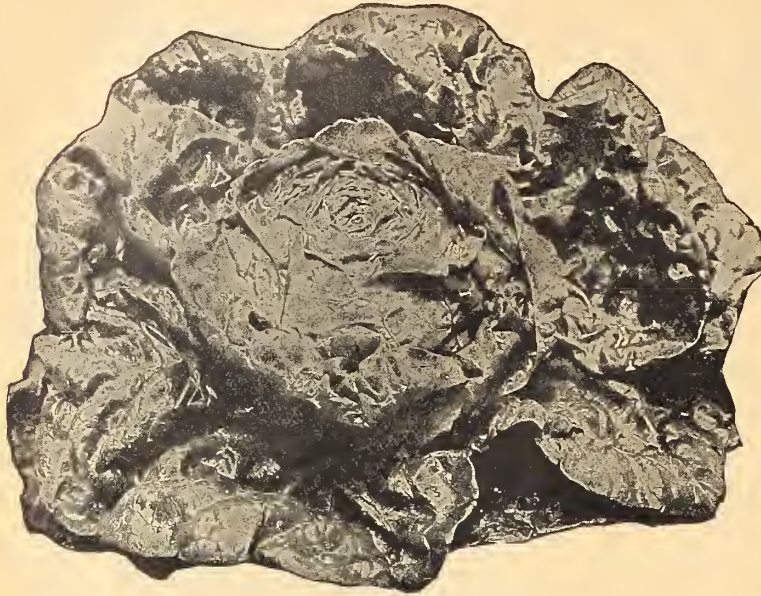
380. **Long Lost Lettuce.** (Specialty, see page 14.) Produces large, extremely solid, compact cabbage heads. It is a reliable sure header and is very hardy. It stands the cold. It will Winter over better than Big Boston Lettuce.

352. **May King.** A handsome, light green heading variety of medium size and excellent quality. Outdoors the heads mature exceptionally early, attaining a size suitable for use before other sorts, and often the edges of the outer leaves have a brownish tinge. The plant is very compact for so large a head. It is very satisfactory also for forcing under glass.

122. **Improved White Loaf Lettuce.** After the most careful cultivation and roguing, we have established a strain of improved White Loaf Lettuce. It is planted largely in the Fall and allowed to remain in the open ground all Winter. In the earliest Spring it quickly forms most delicious, large light colored Lettuce heads. If planted in early Spring, it quickly forms heads and can be brought to market long before other Lettuce.

350. **Iceberg Lettuce.** The heads are large, crisp, solid and tender.

145. **Hanson.** Grows to large size and is uniformly sure heading. Heads very solid and beautifully blanching; crisp, mild and tender. One of the finest varieties to grow for market during the Summer months.



Hanson Lettuce

215. **Butterhead Lettuce.** (Burpee's.) A fine, large, hard-headed variety, solid, rich and buttery. Always well blanched and tender.

124. **Bolgiano's Celebrated Big Head Lettuce.** It forms a compact head; has no core, but a tender, golden heart. As a shipper it commands the very best prices. It resists the cold, withstands the Summer heat, always has a crisp, mild flavor.

Cos or Celery Lettuce

The Lettuce called Salad Romaine is of distinct, upright growth, and esteemed for its fresh crispness and mild flavor during the Summer and in warm climate.

339. **Eclipse or Express Cos.** The most dwarf and earliest of all. The plants grow stiffly erect, only six or seven inches in height. The interior leaves are almost pure white, very crisp, and mild in flavor, even in hot weather.

123. **Paris Self-Folding or Trianon White Cos.** Grows to a very large size, producing long-pointed, compact bunches. The inner leaves blanch readily and are of fine flavor

KOHL RABI	Pkt.	Oz.	$\frac{3}{4}$ Lb.	1 Lb.
Best of All.....	\$.10	\$.25	\$.75	\$2.50
Earliest White Vienna..	.10	.25	.65	2.25
Purple .....	.10	.25	.65	2.25
LEEK				
Famous King .....	.10	.25	.65	2.25
Monstrous Carenton or Scotch .....	.10	.20	.50	2.00
Ex. Large American Flag or Broad London....	.10	.20	.60	2.00
LETTUCE				
Sure Summer Header...	.10	.25	.65	2.25
Unrivald .....	.10	.20	.60	2.00
Millionaire .....	.10	.25	.65	2.25
Masterpiece .....	.10	.40	1.15	4.00
Long Lost .....	.10	.40	1.15	4.00
May King .....	.10	.20	.60	2.00
Improved White Loaf...	.10	.20	.60	2.00
Iceberg .....	.10	.25	.75	2.50
Hanson .....	.10	.20	.60	2.00
New York or Wonderful.	.10	.30	.80	2.75
Black Seed Tennis Ball or Boston Market....	.10	.20	.60	2.00
Big Boston .....	.10	.20	.60	2.00
Wayahead .....	.10	.20	.60	2.00
Bolgiano's Lucky Stroke.	.10	.25	.65	2.25
California Cream Butter.	.10	.20	.60	2.00
Butterhead .....	.10	.20	.60	2.00
Bolgiano's Celebrated Big Head .....	.10	.20	.60	2.00
COS OR CELERY LETTUCE				
Eclipse or Express.....	.10	.25	.65	2.25
Paris Self Folding or Trianon White .....	.10	.25	.65	2.25
Grand Rapids .....	.10	.20	.60	2.00
Early Curled Simpson..	.10	.20	.60	2.00
Black Seeded Simpson..	.10	.20	.60	2.00
Early Prize Head.....	.10	.20	.60	2.00

425. **New York or Wonderful Lettuce.** A decidedly crisp variety; strictly cabbage head. Very large. Extremely slow to shoot to seed. Hardy, well blanched; sweet, delicious flavor.

137. **Black Seeded Tennis Ball or Boston Market.** One of the very best for either forcing or early outdoor planting. Plants good size, leaves are of good substance and of attractive, dark green color. Heads are solid, crisp and tender.

156. **Big Boston Lettuce.** A standard variety used by large growers throughout the country, for early spring and late fall crop. Produces a large solid cabbage head, the few outer leaves are light green in color, while the center leaves which are formed into the head are white, and are very brittle and sweet. (See Specialty, page 14.)

399. **Wayahead Lettuce.** Shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. The outer leaves are a light green, with the inner head firmly blanched to a rich, buttery yellow. Retains its good quality throughout the season and stands longer without going to seed than many other early varieties.

120. **Bolgiano's Lucky Stroke Lettuce.** The largest and most successful Lettuce growers are enthusiastic over this early Summer Lettuce. It is simply perfect.

133. **California Cream Butter Lettuce.** Outside leaves are a medium green color, inside is folded a solid head of rich, creamy color. The largest growers considering it one of the best in cultivation.

Loose Head Varieties

132. **Grand Rapids.** Finely curled or fringed edges. Its delicious quality and handsome appearance make it most popular.

209. **Early Curled Simpson Lettuce. White Seed.** A quick-growing hardy variety. This crisp, non-heading sort forms a tight bunch of leaves very tender and of excellent quality.

147. **Black-Seeded Simpson.** Very large, finely fringed.

345. **Early-Prize Head.** (Brown Cabbage.) Large, loose heads, tinged with brown.



Early Curled Simpson Lettuce

Muskmelons

(Cantaloupe)

MELON
Melone

Italian
Pofone

Spanish
Melon

We Pay Postage on Pkts., Ozs., 1/4 Lbs. and Lbs.

Culture. A sandy loam to which plenty of well rotted manure has been added will be found ideal. Plant early in May, when the ground has become warm, in hills 5 feet apart each way; 12 to 15 seeds to the hill; cover half inch deep. To prevent damage by insects, spray with Pyrox. Thin out few plants after they show good growth and when all danger of insects is over thin out to 2 plants to the hill. For an early crop sow seed in berry boxes placed in hotbeds and transplant outdoors; do not disturb the roots. Sow one ounce of seed to 60 hills; two pounds for an acre.

166. **Anne Arundel.** Large, green fleshed, deeply netted.

401. **Delicious Gold-Lined Rocky Ford Cantaloupe.** This strain of Eden Gem type is the result of several years selection by one of the most progressive farmers of Rocky Ford, Colo. Shape is ideal, no ribs, and it is heavily netted over the entire melon. The melon is thick meated, fine grained and sweet; color, green, with a gold margin next to the seed cavity.

207. **Watters' Improved Solid Net Rocky Ford Cantaloupe.** This is the earliest strain of Rocky Ford Cantaloupes. The meat is light green, spicy and sweet. The heavy gray netting is closely laced.

Green Fleshed Varieties

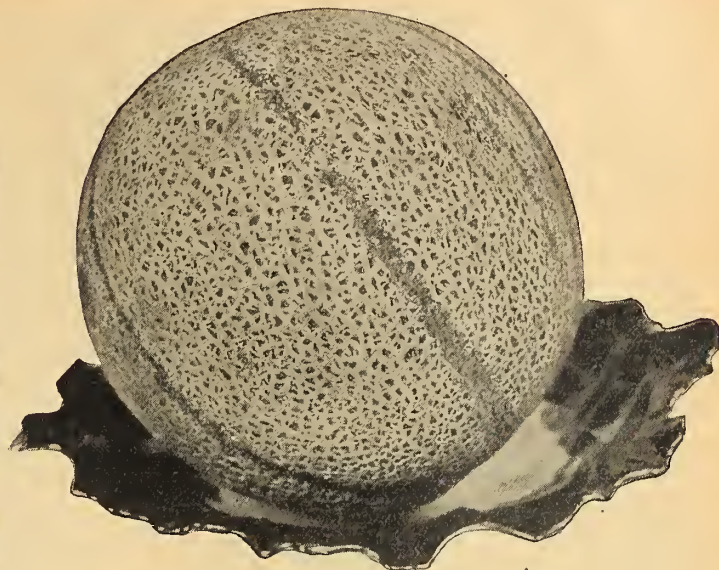
16. **Junior Rocky Ford.** (Specialty, see page 12.) Two weeks earlier, a little larger, twice as productive as Rocky Ford. More thoroughly and deeply netted. Rust and blight proof. Packs in crates better and carries better than any other melon. Most deliciously sweet and spicy. The attractive, green flesh is thick, smooth and firm.

450. **Honey Dew.** The new melon. Average size 6 inches in diameter and 7 to 8 inches in length. Weight averages 8 to 10 pounds. The skin is smooth and the rind though thin is very tough. Will keep until Christmas. Creamy yellow when ripe. Flesh an emerald green. Can be eaten to the extreme rind. Is a good shipper.

337. **Knight, or New Maryland Cantaloupe.** A very popular melon with large growers and shippers; somewhat larger than the Rocky Ford or Netted Gem. We offer the original stock, which is very fine.

334. **Pollock Rocky Ford Cantaloupe.** A rust resisting melon, with netting over the blossom end; not a long melon, but rather inclined to be short, with the finest shipping and eating qualities. The selection from time to time have reduced the size; now they crate nicely.

157. **Thoroughbred Rocky Ford Cantaloupe.** Thoroughbred Stock Bolgiano's Trustworthy Stock. The finest in the world. Meat light green



Hearts of Gold Cantaloupe

MUSKMELON OR CANTALOUPE

	Pkt.	Oz.	1/4 Lb.	1 Lb.
Anne Arundel	\$.10	\$.15	\$.45	\$1.50
Delicious Gold Lined Rocky Ford	.10	.20	.50	1.75
Watters' Impd. Solid Net Rocky Ford	.10	.15	.40	1.25
Junior Rocky Ford, Green Fleshed	.10	.20	.60	2.00
Honey Dew	.10	.15	.45	1.50
Knight or New Maryland	.10	.15	.40	1.25
Pollock Rocky Ford	.10	.15	.40	1.25
Thoroughbred Rocky Ford	.10	.15	.30	1.00
10-25	.10	.15	.40	1.25
Baltimore Nutmeg	.10	.15	.40	1.25
Extra Early Hackensack	.10	.15	.40	1.25
Netted Gem	.10	.15	.40	1.25
Bottomley	.10	.20	.50	1.75
Hearts of Gold	.10	.20	.50	1.75
Pearl Pink Meat	.10	.20	.50	1.75
Edward's Perfecto	.10	.20	.50	1.75
Melting Gold Rocky Ford	.10	.20	.50	1.75
Improved Jenny Lind	.10	.15	.40	1.25
Eden Gem or Netted Rocky Ford	.10	.15	.40	1.25
Burrell's Gem	.10	.15	.40	1.25
Acme or Baltimore	.10	.15	.40	1.25
Salmon Flesh Eden Gem	.10	.15	.40	1.25
Bolgiano's Unsurpassed	.10	.20	.60	2.00
Honey Dew Salmon Fleshed	.10	.15	.45	1.50
Banana	.10	.15	.45	1.50

changing very slightly toward gold near the center. Very spicy and sweet; abundant yielder, having produced 300 standard crates from one acre; an excellent shipper.

471. **10-25 Cantaloupe.** A reselection of the Pollock Salmon Tint No. 25 strain of Rocky Ford, which in the last few seasons has become the most popular strain of the Rocky Ford Cantaloupe among market growers. Salmon flesh, tender, sweet flavored, without strings or toughness. Excellent shipper. Good seller.

170. **Baltimore Nutmeg Cantaloupe.** The Original Stock. Is delicious in flavor, attractive in form and color, and unexcelled as a shipper. Our seed of Baltimore Nutmeg Cantaloupe is produced under a bracing, clear and invigorating climate. This insures a parent stock of the finest flavor. We recommend this melon, and firmly believe the cash balance of every trucker will be materially increased if he grows our superior stock of Nutmeg Cantaloupe.

160. **Extra Early Hackensack.** Will weigh from 10 to 12 pounds, delicious flavor.

161. **Netted Gem.** Extra early, weight 1 to 1 1/2 pounds, fine.



10-25 Cantaloupe

492. **Bottomley Cantaloupe.** A great blight resister. A few days later than the Knight. Slightly smaller than the Knight. Uniform size, about 7 inches from stem to blossom end. Beautifully netted with deep green ribs, giving it a most attractive appearance. Thick meated, very crisp and fine flavor. Handsome greenish color shading to a frosty salmon next to seed cavity. Small seed cavity. Shape oval, slightly more pointed at blossom end than at stem end. A wonderful shipper. Retains its flavor and firmness longer than any other melon. A great favorite wherever grown.

Orange Fleshed Varieties

445. **Hearts of Gold.** One of the finest pink fleshed types, an excellent shipper and retains its flavor. The skin is moderately netted and rather distinctly ribbed, weight about one and one-half pounds. This variety is becoming very popular in home gardens.

439. **Pearl Pink Meat.** A new variety of fine qualities. It is oval shape, with skin the color of pearl, has very fine flavor.

438. **Edwards' Perfecto.** Inherits the good qualities of its parent stock The Rocky Ford and Burrell's Gem, it is mostly meat and has very small seed cavity. (See specialty, page 12.)

51. **Melting Gold Rocky Ford Cantaloupe.** Simply the most delicious Cantaloupe that was ever eaten. The sweet, luscious flesh is as yellow as melting gold. It is the best eating Cantaloupe in the world and a splendid, profitable shipper.

168. **Improved Jenny Lind.** The Jenny Lind is the earliest small medium sized melon known. It is very uniform in size, well netted and with thick meat. Small seed cavity.

*Try Mustard cooked like Spinach—it is delicious
One ounce will sow 100 feet of drill*

203. **Southern Giant Curled.** The true curled leaf variety, sweet flavored, pungent and succulent; used for early salad.

204. **Ostrich Plume Mustard or Fordhook Fancy.** Desirable and ornamental. It is distinct from any other variety. The plants are of vigorous growth, and the beautiful dark green, pungent leaves curve outwardly like a fine ostrich plume. The edges are as thoroughly curled and laciniated as the best double curled Parsley, making the leaves equally desirable for garnishing. So attractive is the habit of growth and the feathery effect of the finely fringed leaves that this plant is quite worthy of a place in the garden as an ornamental border plant.

Chinese Broad Leaf. The leaves are twice the size of the ordinary White Mustard, while the flavor is sweet and pungent.

**We Pay Postage on Pkts.,
Ozs., ¼ Lbs. and Lbs.**

**Mustard We Pay Postage on Pkts., Ozs.,
¼ Lbs. and Lbs.**

Okra, or Gumbo

*1 Oz. to 40 Feet of Drill
10 Lbs. to Acre*

198. **Perkin's Mammoth Long-Podded Okra.** Pods shoot out from the stalk within three inches of the ground and the whole plant is covered with them to its extreme height. Pods are an intense green color, 9 to 10 inches long, very slim and do not get hard.

201. **Bolgiano's Imperial Dwarf Short-Podded Okra.** It has a dwarf, shapely, dense pod, of an attractive pea-green color. The flavor is exceptionally rich.

199. **Dwarf Green Prolific Density Okra or Gumbo.** Its green pods impart fine flavor and consistency to soups and stews, besides being palatable when stewed and served as a dish of Asparagus.

200. **White Velvet Okra.** The pods of this distinct and beautiful new Okra are much longer, perfectly smooth, never prickly.

202. **Lady Finger Okra.** The plants produce long, tender pods of fine, round form, white and smooth.

*1 Oz. will sow 200 feet
of Drill
4 Lbs. to the Acre*

Parsley

*PERSIL
Perejil
Petersilie*

221. **Bolgiano's Green Mountain Triple Parsley.** (Specialty, see page 18.)

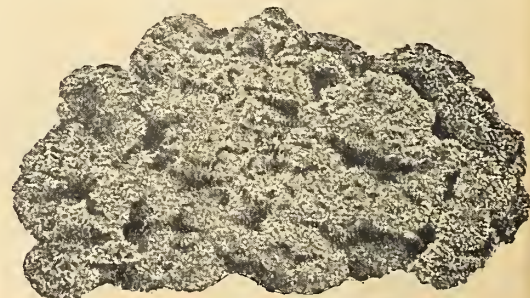
222. **Market Gardeners' Best Triple Curled Parsley.** Very handsome; plants are of a robust and free growth and it is improved by severe cutting; leaves large, beautifully curled; very dark green, stands the heat, drought and cold.

223. **Extra Dark Champion Moss Curled Parsley.** The large, moss, curled leaves are of a rich, dark green color and very productive.



Okra
or
Gumbo

MUSTARD	Pkt.	Oz.	¼ Lb.	1 Lb.
Southern Giant Curled.....	\$.10	\$.15	\$.40	\$1.25
Ostrich Plume or Fordhook Fancy .	.10	.15	.25	.85
Chinese Broad Leaf.....	.10	.15	.25	.85
OKRA OR GUMBO				
Perkin's Mammoth Long Podded.	.10	.20	.60	
Bolgiano's Imperial Dwf. Short Podded .....	.10	.25	.75	
White Velvet .....	.10	.20	.60	
Lady Finger .....	.10	.20	.60	
Dwarf Green Prolific Density....	.10	.20	.60	
PARSLEY				
Bolgiano's Green Mountain Triple.	.10	.15	.35	1.10
Market Gardener's Best Triple Curled .....	.10	.15	.25	.85
Extra Dark Champion Moss Curled	.10	.15	.25	.85
Plain or Single.....	.10	.15	.25	.85
Extra Curled Dwarf or Emerald.	.10	.15	.25	.85
Fine Double Curled.....	.10	.15	.25	.85
Hamburg Rooted .....	.10	.15	.25	.85



Green Mountain Triple Curled Parsley

Watermelon

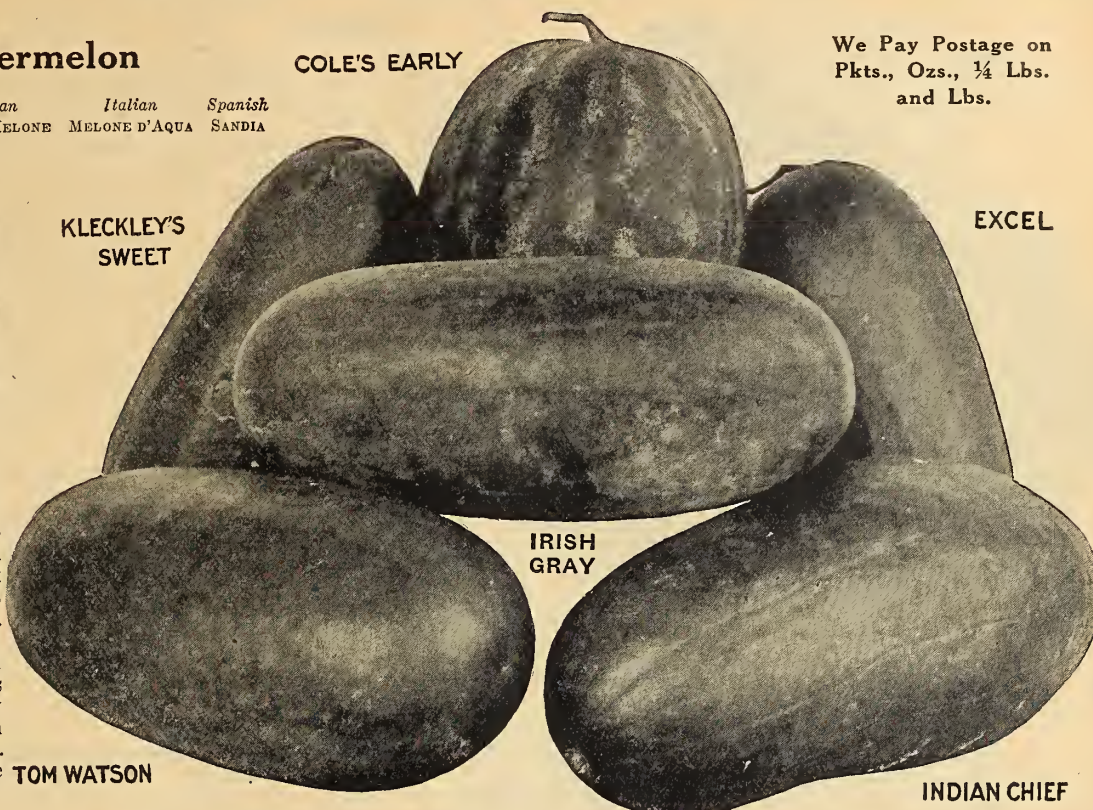
COLE'S EARLY

We Pay Postage on
Pkts., Ozs., ¼ Lbs.
and Lbs.

French German Italian Spanish
MELON D'EAU WASSER-MELONE MELONE D'AQUA SANDIA

Culture. Require a rich, though sandy soil for perfect development, and thrive best in warm latitudes, such as the Southern or Southwestern States, although in a more northern latitude fine crops are often obtained. Cultivate and treat exactly as for Muskmelons, except that the hills should be eight to ten feet apart. 1 ounce seed to 30 hills; 3 to 4 pounds for an acre.

172. Bolgiano's Indian Chief Watermelon. A large oblong dark green melon, with thick netting, the rind is thin but very tough. The flesh is a bright attractive red, and has a crisp delicious flavor. It is very productive, and is an excellent shipper. (See specialty, page 15.)



KLECKLEY'S
SWEET

EXCEL

IRISH
GRAY

TOM WATSON

INDIAN CHIEF

171. Bolgiano's Cold Mountain Spring Watermelon. The ideal melon for Southern shippers, prolific, uniformly good size, tough rind, flesh red and delicious.

405. General Pershing Watermelon. (Specialty, see page 15.) A wonderful producer. No culls. Stands dry weather. Disease resistant. The sparkling red flesh is as sweet as honey. Size uniformly large. Color a light pea green. Will not sunburn. Ripens earlier than Tom Watson. Will keep in good condition for a long time after picking. Will stand long-distance shipping better than any other melon.

406. Irish Gray Watermelon. The size is uniform and large. Color of rind gray. Ripens earlier than Tom Watson and will keep in good condition for a long time after picking. Very prolific and a good shipper. A fine market sort.

176. Florida Favorite. An oblong melon, with dark green skin faintly striped with lighter green, deep red flesh of excellent flavor. One of the best table sorts. Not a good shipper. Ripening 80 days.

245. Tom Watson Watermelon. A large, oblong melon, dark green rind. Rind is thin but tough. Flesh deep red, tender, firm and sweet.

178. Georgia Rattlesnake or Striped Gypsy. Shape oblong, of light green color and beautifully mottled and striped with a light shade; flesh scarlet, rind thin, very solid, and both sweet and delicious.

181. Alabama Sweet. Good size, very uniform, long, dark green skin, red flesh.

217. Peerless or Ice Cream Watermelon. Very early and one of the best; form oval, rind mottled light green, flesh firm and sugary.

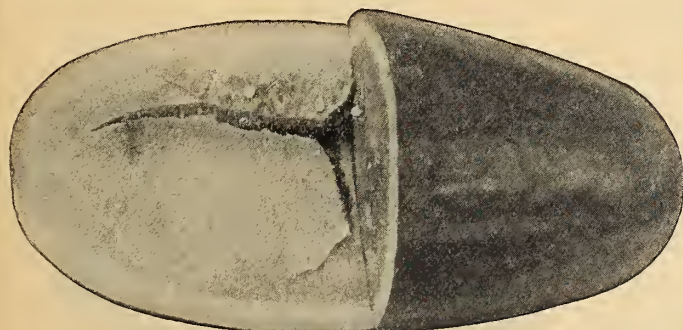
184. Long Light Icing. This variety is long and rather large, the skin is light green in color, the seeds are white, it is rather early, and very productive.

381. Excel. A long dark green melon, quite attractive in appearance, has very good flavor. This is a rather popular market sort.

192. Kleckley's Sweet. Color dark green, oblong shape usually about twenty-two inches long. This variety is used mostly in the home garden, because of its tenderness it will not stand shipping well.

31. Halbert Honey. Average 18 to 20 inches long, bluntly rounded at both ends. Skin dark green. Flesh a beautiful, rich crimson, sweet and luscious, ripens to the rind.

173. Coles Early. Strictly a home market melon, almost round in shape. Rind light green, striped with broad bands of dark green. Flesh bright red, crisp and delicate texture. Ripening 80 days.



General Pershing Watermelon

WATERMELON	Pkt.	Oz.	¼ Lb.	1 Lb.
Bolgiano's Indian Chief	.10	\$.15	\$.40	\$1.25
Bolgiano's Cold Mountain Spring	.10	.15	.40	1.25
General Pershing	.10	.15	.45	1.50
Irish Gray	.10	.15	.35	1.00
Florida Favorite	.10	.15	.35	1.00
Tom Watson	.10	.15	.35	1.00
Georgia Rattlesnake	.10	.15	.35	1.00
Alabama Sweet	.10	.15	.35	1.00
Peerless or Ice Cream	.10	.15	.35	1.00
Long Light Icing	.10	.15	.35	1.00
Excel	.10	.15	.35	1.00
Kleckley's Sweet	.10	.15	.35	1.00
Halbert Honey	.10	.15	.35	1.00
Coles Early	.10	.15	.35	1.00

Bolgiano's
Mammoth
Prize Taker
Onion



576. **Southport Large Red Globe Onion.** Produces large, handsome, globe-shaped bulbs from the seed the first season; are excellent keepers; have glossy, purplish skin; mature little later than Red Wethersfields. Fine grained, mild and tender.

213. **Mammoth Silver King.** Bulbs of attractive form, flattened, but thick through; average diameter 5 to 7 inches; single bulbs often weigh 2 to 3 pounds; skin is a clear, silvery white; flesh snow white, sweet and tender.

ONION	Pkt.	Oz.	¼ Lb.	1 Lb.
Southport Large Red Globe..	\$.10	\$.20	\$.60	\$2.00
Mammoth Silver King.....	.10	.30	.80	3.00
White Silver Skin.....	.10	.25	.70	2.50
Mammoth Prizetaker.....	.10	.20	.50	1.75
Southport White Globe.....	.10	.30	.75	2.75
Southport Large Yellow Globe	.10	.20	.60	2.00
Yellow Dutch or Strasburg...	.10	.15	.45	1.50
Yellow Globe Danvers.....	.10	.15	.45	1.50
Red Weathersfield.....	.10	.20	.50	1.75
Large White Portugal.....	.10	.25	.70	2.50
Ex. Early Pearl, White Queen	.10	.30	.75	2.75

GENUINE TENERIFFE GROWN BERMUDA ONION				
	Pkt.	Oz.	¼ Lb.	1 Lb.
White Bermuda.....	\$.10	\$.40	\$1.15	\$4.00
Crystal Wax.....	.10	.50	1.40	5.00
Red Bermuda.....	.10	.35	1.00	3.50

Onion

OGNON
Cebolla
Zwiebel

1 Oz. to 100 Feet of Drill
¼ to 5 Lbs. to the Acre

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

By sowing seed of the Spanish type, such as the Prizetaker, Southport Globes, Pearl or Queen and Bermuda Onions, under glass in January, February or ever March, and transplanting in April to open ground 3 to 4 inches apart in the rows, bulbs of immense size may be produced.

214. **White Silver Skin Onion.** This superior stock is almost exclusively used for growing sets, which is the strongest proof that it is the best from which to grow large white Onions. Its delicate, mild flavor, stately form, large, handsome size, pure white color, make it a most wonderful variety for the table, the most profitable for market and shipping. Plants are of an extremely thin neck and sure to ripen early. Bulbs perfect in form, quite thick through, fine grained, crisp and mild. Bulbs should be harvested as soon as ripened and dried in the shade to preserve their silvery white skin.

205. **Mammoth Prizetaker Onion. True American Seed.** Immense size, 12 to 18 inches in circumference, bright straw color, flesh white. (Specialty see page 13.)

344½. **Southport White Globe.** A large, globe-shaped Onion; firm, fine grained; of mild flavor; keeps well. This is one of the hand-somest Onions grown, of beautiful shape, clear white skin, and commands the highest market price.

575. **Southport Large Yellow Globe.** Produces bulbs more perfectly globe-shaped and larger than Globe Danvers, but later in ripening; excellent keeper; easily grown from seed the first year, has a beautiful, pale, straw-colored skin; heavy cropper; large size.

536. **Bolgiano's Yellow Dutch or Strasburg.** Grows round, plump sets. Skin a bright attractive straw color. Full-sized Onions are flattened; mild flavor, excellent keepers and shippers. Very productive.

206. **Yellow Globe Danvers Onion. Bolgiano's True Stock.** Handsome form, very thick bulb, small neck; very early, enormous cropper; keeps perfectly, of large size, solid and heavy; safest, surest keeper.

212. **Red Wethersfield Onion.** The most beautiful, large, handsome, globe-shaped red Onion. Perfect form, skin deep, polished red; flesh purplish white; fine grained; produces enormous Onions.

511. **Large White Portugal.** The standard, large, flat variety.

210. **Extra Early Pearl, White Queen, or Barletta Onion.** Enormous size; grows full-size roots from seeds the first season; skin pure white, waxy color, flesh snowy white, delicate and tender. Often grows 6 inches in diameter and weighs 3 pounds; valued as a very early sort.

Bermuda Onions—Genuine Teneriffe Grown

577. **White Bermuda Onion, Teneriffe.** It is oval in shape, of a white color; quite early, very solid, does not skin in transportation and keeps better than any other foreign variety. It is of a mild and delicate flavor. It produces full grown Onions from seed the same season. In the South, seed sown in the Fall produce fine, large Onions for market in early Spring.

578. **Crystal Wax-Onion, Teneriffe.** (Specialty, see page 13.) The newest and best, pure crystal, white wax Bermuda Onion that has ever been developed.

579. **Red Bermuda Onion, Teneriffe.** Shape and size similar to white, differing only in color; a most desirable sort.

Onion Sets

Parcel Post Charges Extra and Must Be Included With Remittance

We give a weight bushel of 32 pounds.

Plant in drills 18 inches apart, and 4 inches in the rows. Must have high culture.

Write for Prices when ready to buy.

White Silver Skin Onion Sets. Grown from our choice strain of White Silver Skin or Portugal Onion Seed.

Large Red Wethersfield. Choicest re-cleaned. Grown from seed of our celebrated strain of Red Wethersfield Onion.

Yellow Danver Onion Sets. Choice re-cleaned. Grown from our choice strain of Yellow Strasburg or Dutch Onion Seed. They will produce handsome, well ripened bulbs of large size quite early in the Summer. 40c. Lb. Postage extra.

Japanese Onion Sets. This variety will yield twice the number of bushels per acre over all other sorts, and it has actually grown from average crops from 800 to 1000 bushels per acre. Growers report to us that from plantings of 32 lbs. of sets, 90 bushels of onions have been harvested. This onion is globe-shaped, about the color of a yellow Danver, is very solid and has a mild flavor. It will keep longer than any other variety. 50c. Lb. Postage extra.



Peas

Garden Peas By Weight

1 pint is about 1 pound. 1 peck is about 15 pounds.
1 quart is about 2 pounds. 1 bushel is about 60 pounds.

WEIGHT BY PARCEL POST INCLUDING PACKING

Pint 2 lbs., qt. 3 lbs., 4 qts. 9 lbs., pk. 17 lbs.

Parcel post table—See page 1.

We pay postage on 10c. pkgs. only. Larger quantities, postage extra and must be included in remittance.

One quart will plant about 100 feet of drill. One and one-half to two bushels for an acre.

Those Marked with a Star (*) are wrinkled marrows, and unless otherwise stated should be sown thicker than the round Peas, and not until the ground has become warm, as they are more liable to rot. They are the finest flavored of all Peas.

Extra Early Dwarf Varieties

1048. **Bolgiano's Early Bird Peas.** Matures as early as the Extra Early Alaska. The vines are very dwarf, seldom growing more than 16 inches high. Pods are unusually large and well filled with large delicious peas of attractive color. (See Specialty, page 16.)

1218. **100 Per Cent Profit Peas.** An exceptionally heavy yielder of the early dwarf types. (See Specialty, page 16.)

1261. **Little Marvel Peas.** Dwarf, even growth, 15 in. high. Heavily set with fine pods and frequently borne in pairs. Ready for table fully as early as American Wonder.

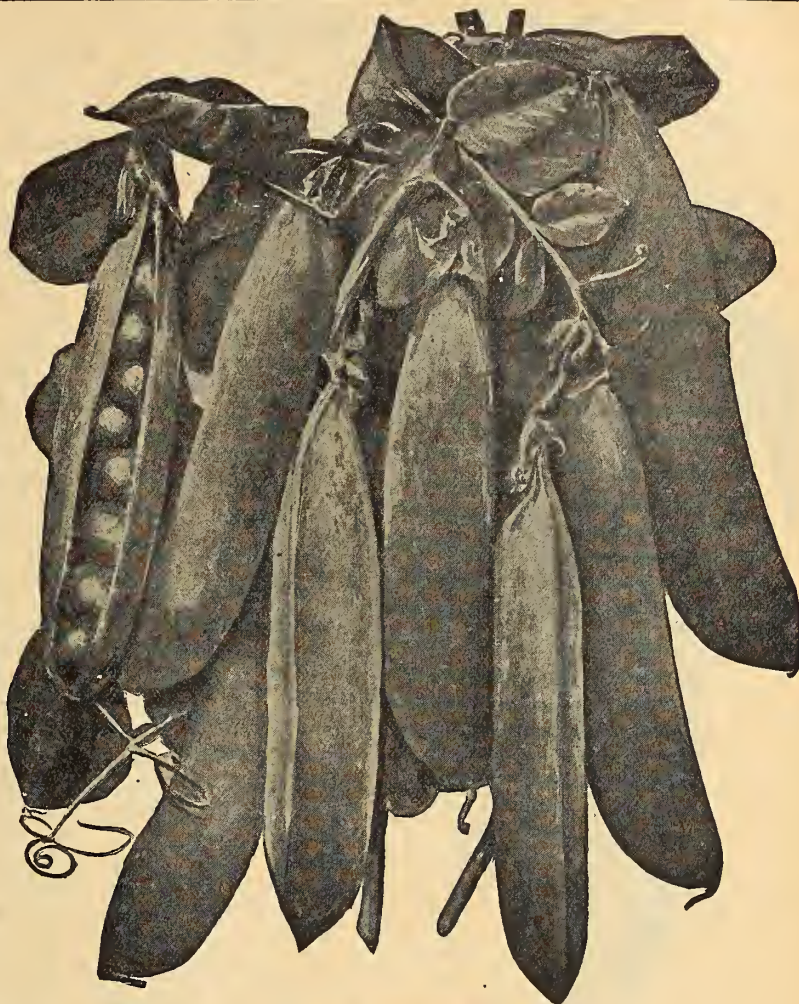
1081. *** American Wonder.** It is of dwarf and robust habit, 10 to 15 inches high, and produces a profusion of good-sized and well-filled pods of finest flavor.

1084. *** Extra Early Premium Gem.** Early, large, well-filled, straight pods. Height 1 foot.

1196. *** McLeon's Little Gem.** Very early prolific; delicious flavor. Height 1 1/4 feet.

1080. *** Nott's Excelsior Pea.** Vines are more vigorous and taller than the American Wonder, and the pods are one-third larger, containing often 6 to 8 large Peas very close together. Height 1 foot.

1203. *** Sutton's Excelsior.** As early as American Wonder, with much larger pods and more prolific. Height 1 foot.



Market Surprise Peas

1229. *** Laxtonian Peas.** One of the earliest of the large podded wrinkled sorts. Vines grow about 18 inches high, and produce pods from 3 to 3 1/2 inches long and are of an attractive dark green color, and the flavor is extra fine.

Extra Early Varieties

1295. **Bolgiano's Morning Glory Pea.** The earliest of all round seeded varieties.

1289. **Pilot Peas.** Pods and Peas are nearly as large as those of the Gradus and produced three days earlier.

1029. **The Hustlers.** Bolgiano's extremely early, handsome green podded Peas. Height 2 1/2 feet.

1087. **Long Podded Alaska Pea.** A very good early shipper, and being a hard seeded variety, it can be planted early. Vines grow about 3 feet high, with pods 3 to 3 1/2 inches long, of an attractive frosty, deep green color, of very fine flavor.

1307. **World's Record Pea.** A very good variety of the early wrinkled sort for general crop. Vines grow from 30 to 36 inches high. Pods are large, rather blunt pointed, and the peas are of a very fine flavor. Matures from 5 to 7 days earlier than the Gradus.

1088. **Bolgiano's Early Prolific Good Luck Peas.** Ripens a few days later than the Extra Early Alaska. Vines from 24 to 30 inches high. A very heavy yielder. Produces pods about 3 inches long, well filled with attractive light colored peas of very fine flavor. (See Specialty, page 17.)

1083. *** Bolgiano's Wonder Worker Pea.** One of the very best early wrinkled varieties. Vines grow about 2 1/2 feet high and are very hardy. Produces pods of medium dark color, and is always a good seller. (See Specialty, page 17.)

1301. **Market Surprise.** A little later than the Pedigree. Prolific yielder. Beautiful light green color. Pods about three inches long containing from seven to eight Peas of most delicious flavor. Excellent for market and shipping.

PEAS	Pkt.	1 Lb.	2 Lb.	5 Lb.	15 Lb.
Bolgiano's Early Bird...	\$.10	\$.50	\$.95	\$2.25	\$6.30
100 Per Cent Profit.....	.10	.40	.75	1.75	4.80
Little Marvel .....	.10	.35	.65	1.50	4.00
American Wonder .....	.10	.35	.65	1.50	4.00
Extra Early Premium Gem ..	.10	.35	.65	1.50	4.00
McLean's Little Gem.....	.10	.35	.65	1.50	4.00
Nott's Excelsior .....	.10	.35	.65	1.50	4.00
Laxtonian .....	.10	.40	.75	1.75	4.80
Sutton's Excelsior .....	.10	.35	.65	1.50	4.00
Bolgiano's Morning Glory..	.10	.35	.65	1.50	4.00
Pilot .....	.10	.35	.65	1.50	4.00
Hustlers .....	.10	.35	.65	1.50	4.00
Long Podded Alaska....	.10	.30	.55	1.25	3.30
World Record .....	.10	.35	.65	1.50	4.00
Bolgiano's Early Prolific					
Good Luck .....	.10	.35	.65	1.50	4.00
Bolgiano's Wonder					
Worker .....	.10	.35	.65	1.50	4.00
Market Surprise .....	.10	.30	.55	1.25	3.30
Bountiful .....	.10	.30	.55	1.25	3.30
Prolific Early Market....	.10	.30	.55	1.25	3.30
Bolgiano's Extra Early					
Alaska .....	.10	.30	.55	1.25	3.30
Bolgiano's Extra Early					
Triumph .....	.10	.30	.55	1.25	3.30
Pedigree Extra Early....	.10	.30	.55	1.25	3.30
Ameer .....	.10	.30	.55	1.25	3.30
Potlatch .....	.10	.30	.55	1.25	3.30
First and Best.....	.10	.30	.55	1.25	3.30
Thomas Laxton .....	.10	.35	.65	1.50	4.00
Rural New Yorker.....	.10	.30	.55	1.25	3.30
Gradus or Prosperity....	.10	.35	.65	1.50	4.00
Improved Sugar Marrow-					
fat .....	.10	.30	.55	1.25	3.30

Add Postage on 1 Lb. and Over On All Peas



Bolgiano's
Long
Podded
Alaska
Peas

1098. * **Juno.** 2 feet high. Large pods filled with large dark green Peas of delicious flavor.

1100. * **Duke of Albany.** 4 feet high. Dark green pods, prolific.

1303. **Edible Podded Mammoth Melting Sugar.** The vines reach a height of about 4 feet. The pods are borne in great profusion. They should be gathered when the seeds are just beginning to form. They are broken in pieces the same as string beans and make a delicious dish.

1199. **Dwarf Gray Sugar.** Grow 18 inches high and produce a heavy crop of small flat pods. The pods are gathered, broken and cooked like string beans when the peas begin to develop in the pod.

1110. * **Stratagem.** Very large pods. Peas of finest quality. Height 1½ feet.

1093. * **Champion of England.** A well-known, standard variety. Height 5 feet.

1218½. **Alderman.** (Admiral Dewey.) Extra large, dark green pods, on order of Duke of Albany. Very fine. Height 4 feet.

PEAS	Pkt.	1Lb.	2Lb.	5Lb.	15Lb.	
Cracker Jack	\$.10	\$.35	\$.65	\$1.50	\$4.00
Horsford Market Gardener10	.35	.65	1.50	4.00
Shropshire Hero10	.35	.65	1.50	4.00
Bolgiano's Victory10	.35	.65	1.50	4.00
Dwf. Giant Podded Prolific					
Green Marrow10	.35	.65	1.50	4.00
Juno10	.35	.65	1.50	4.00
Duke of Albany10	.35	.65	1.50	4.00
Edible Podded Mammoth					
Melting Sugar10	.35	.65	1.50	4.00
Dwarf Grey Sugar10	.35	.65	1.50	4.00
Stratagem10	.35	.65	1.50	4.00
Champion of England10	.35	.65	1.50	4.00
Alderman10	.35	.65	1.50	4.00
Telephone Improved10	.35	.65	1.50	4.00
Everbearing10	.35	.65	1.50	4.00
Daisy or Dwarf Telephone10	.35	.65	1.50	4.00
Dwarf Champion10	.35	.65	1.50	4.00

1260. **Bountiful Peas.** Bears an abundance of beautiful, green pods, crowded with delicious Peas. Extremely early. Height 2½ feet.

1202. **Prolific Early Market.** Not quite so early as the Pedigree, but the most productive of all the Extra Early Peas. Beautiful large pods, fine quality, one of the best Peas ever introduced. Height 2½ feet.

1071. **Bolgiano's Extra Early Alaska Peas.** By careful selection and thorough roguing we have a fine stock that is unequaled. Height 2½ feet.

1070. **Bolgiano's Extra Early Triumph Peas.** Height 2½ feet.

1201. **Pedigree Extra Early.** Also known as "The New Early Pea." Extremely early, wonderfully productive and exceptionally uniform stock. Height 2½ feet.

1016. **Ameer Peas.** An exceptionally profitable Early Pea. Green seed. Height 2½ feet.

1302. **Potlatch Peas.** An excellent market garden Pea bearing an abundance of large pods filled full of delicious beautiful green Peas.

1074. **First and Best.** First-class selected strain of extra early earlies. Height 2½ feet.

1078. * **Thomas Laxton.** A cross between Gradus and one of the extra early sorts. It ripens within a day or two of the earliest round varieties. Height 30 inches.

1075. **Rural New Yorker.** Fine shape; prolific, extra early.

1072. * **Gradus, or Prosperity Peas.** Gradus is in condition to pick about 4 days after our Early Triumph. The Pods are large, well filled with deep green Peas of the finest quality. Height 3 feet.

1077. **Improved Sugar Marrowfat Pea.** Luxurious growth and abundant, large and handsome pods. Height 3 feet.

Second Early and General Crop Varieties

1089. * **Bolgiano's Cracker Jack Pea.** Height 2½ feet.

1231. * **Horsford's Market Gardeners' Pea.** One of the largest yielding second early Peas in cultivation. Only 2 feet high. The pods are borne in pairs.

1092. * **Shropshire Hero.** Very productive; fine flavor; long pods. Height 2½ feet.

1277. * **Bolgiano's**

Victory Pea. Beautiful dark green pods 5½ to 6 inches long, filled full of delicious large Peas.

1090. * **Dwarf Giant Podded Prolific Green Marrow Pea.** Bears enormous, handsome pods 7 to 8 inches in length, filled with large deep green Peas; requires no support. Height 2 feet.

1085. * **Telephone Im-**

proved. Robust habit. A single vine produces 18 to 30

unusually long well-filled pods

of larger size containing 10 to

12 Peas, often forming a

double row, of fine flavor.

Height 5 feet.

1102. * **Everbearing.** A

long time in bearing. Peas

large, pods long, 1½ feet high.

1086. * **Daisy, or Dwarf**

Telephone. Plants stout,

self-supporting, heavy crop-

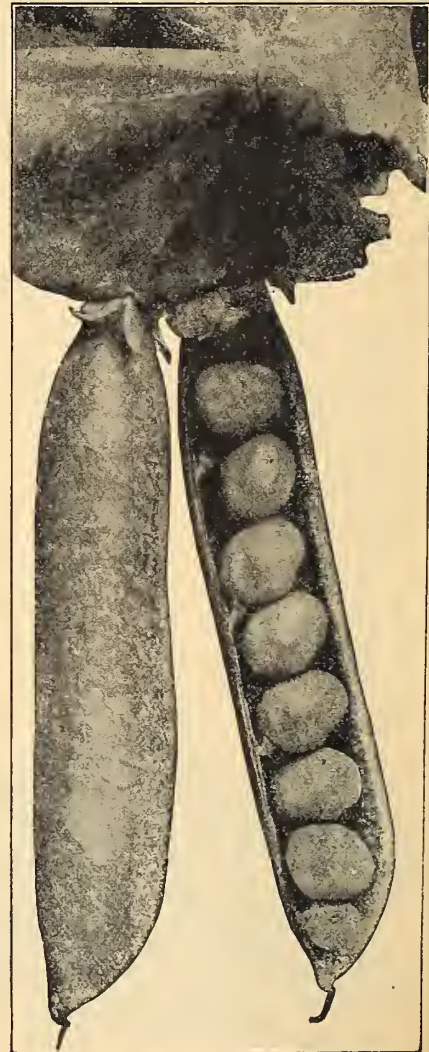
per. Height 1½ feet.

1094. * **Dwarf Cham-**

pion. A dwarf growing Cham-

pion of England. Height 2

feet.



Thomas Laxton Peas

One Ounce to 100 Feet of Drill
 4 to 5 Pounds for the Acre

Parsnip PANAIS
 Chirija
 Puffifen

We Pay Postage on Pkts.,
 Ozs., ¼ Lbs. and Lbs.

219. **Bolgiano's Hollow Hub Parsnip.** Hollow Hub Parsnip is hollow crowned to a remarkable degree; it has firm, tender flesh, a delicious delicate flavor, almost entirely without core. In growth it is small and uniform. In fact, Hollow Hub Parsnip is as perfect as it is possible to produce by the most careful selection and breeding. Grow the best, it costs but little more and it pays so much better.

220. **Hollow Crown Sugar Parsnip.** Has thick shoulders, tapers symmetrically to a single tap root. Roots run uniformly smooth, with fine-grained flesh, and good quality.

569. **Guernsey.** (Improved Half Long.) The roots do not grow as long as the Hollow Crown, but are of greater diameter. A heavy cropper. The roots are very smooth; the flesh is fine-grained and of most excellent quality.

Pkts., Ozs. and ¼ Lbs.
 Delivered Free

Pepper PIMENT
 Pimiento
 Pfeffer

Parcel Post Rates.
 see Page 1

Culture. Sow in hotbeds in March, and when the soil has become warm, set in rows 3 feet apart and 24 inches in the row; hoe frequently; the plants may also be forwarded in small pots.

163. **Bolgiano's Early Scarlet Mammoth Pepper.** Very early and large. Measure from three to three and one-half inches across the top. It is a brilliant red when ripe and the flesh is very sweet and mild.

226. **Chinese Giant.** Most popular of the older varieties. Ripens early, is of good size and flavor. Flesh is rather thick. This variety is a very good shipper.

396. **World Beater.** The largest and heaviest yielder of all and one that will bear until frost. (See Specialty, page 18.)

233. **Neapolitan.** Very early but is much longer than the other early varieties. It usually measures from three and one-half to four inches in length. Plants grow two feet high and are well branched. They bear heavily throughout the season. They are bright red when matured and the flavor is very mild.

227. **Ruby King Selected Stock.** Well known for its hardiness and its blight resistant qualities. A general favorite where early peppers are grown for shipment, especially throughout the South. The flesh is thick and mild and it is used extensively for stuffed peppers.

562. **Sweet Bull Nose.** A Standard early variety. The plants grow vigorous and stocky, and carry the fruit well throughout the season. This pepper is slightly smaller than our Ruby King, and not quite as mild.

229. **Sweet Mountain.** Very popular because of its sweet mild flavor, and large size. This variety is quite a picture, when it is fully matured, as it frequently measures 4 inches across the top, and equally as long, slightly tapered. It is colored a deep scarlet, slightly shaded with a reddish brown around the stem, which is of medium green.

560. **Red Chili.** This variety grows a plant about 20 inches high and about 18 inches across. The fruit grows 3 inches long and about ¼ inch thick, tapering off to about one-half this thickness to the point, and is slightly curved. It is of brilliant red color, and the flavor is very hot. This variety is a very heavy yielder, it is used mostly for pickling and spices.

561. **Long Red Cayenne.** About 1 inch longer than Red Chili, and matures a few days later, but is equally as hot in flavor. This is the heaviest yielder of the thin varieties.

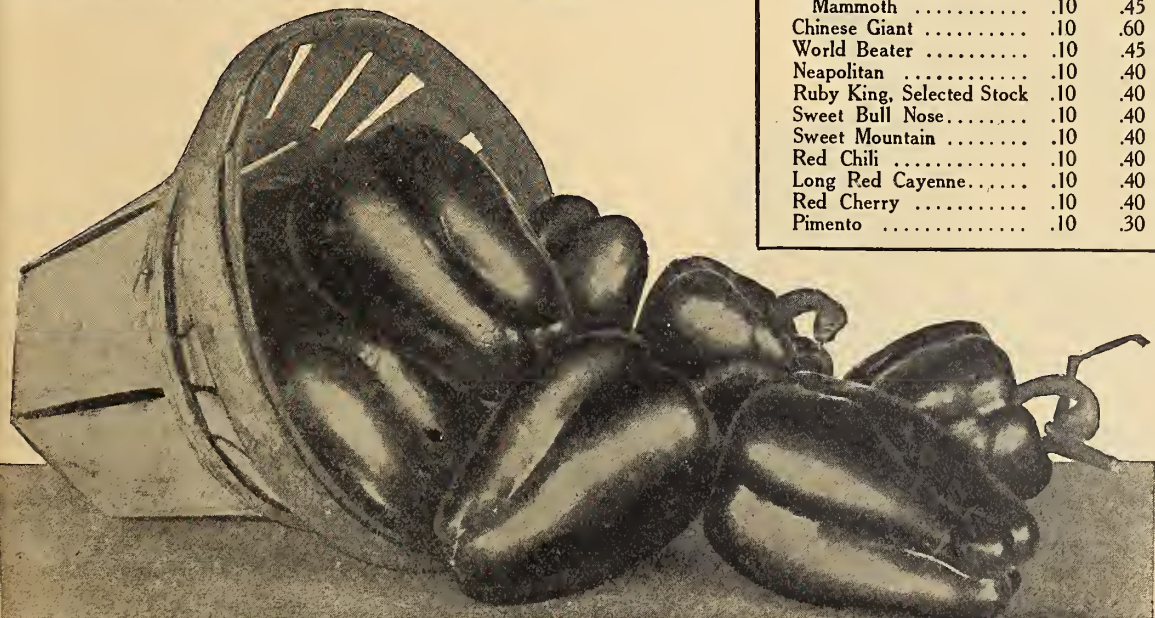
563. **Red Cherry.** A second early variety. Plants grow rather tall and slim, the fruit is about 1 inch in diameter very round, bright red in color and very hot. The plants of this variety are quite attractive when full fruited.

485. **Pimento Pepper.** Produces a hardy plant, about 30 inches high, which is very productive. The fruit is cone shaped, measuring 2½ inches across the top, and 3 inches long. The color is bright red, and the flesh is much thicker than other varieties, while the flavor is mild and very desirable. The variety is used extensively by canners.



Hollow
 Hub
 Parsnip

PARSNIP	Pkt.	Oz.	¼ Lb.	1 Lb.
Bolgiano's Hollow Hub...	.10	\$.15	\$.40	\$1.25
Hollow Crown Sugar.....	.10	.15	.30	1.00
Guernsey .....	.10	.15	.30	1.00
PEPPER				
Bolgiano's Early Scarlet				
Mammoth .....	.10	.45	1.25	4.50
Chinese Giant .....	.10	.60	1.75	6.00
World Beater .....	.10	.45	1.25	4.50
Neapolitan .....	.10	.40	1.15	4.00
Ruby King, Selected Stock	.10	.40	1.15	4.00
Sweet Bull Nose.....	.10	.40	1.15	4.00
Sweet Mountain .....	.10	.40	1.15	4.00
Red Chili .....	.10	.40	1.15	4.00
Long Red Cayenne.....	.10	.40	1.15	4.00
Red Cherry .....	.10	.40	1.15	4.00
Pimento .....	.10	.30	.90	3.00



Northern Grown Seed Potatoes

POMME DE TERRE Patatas Kartoffeln

Because of market fluctuations, we are not quoting prices in this catalogue. Write us for prices when you are ready to buy.



Gray's Mortgage
Lifter Potato

Culture. Any good, well drained, fibrous loam will produce Potatoes under right climatic conditions. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seed-bed. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. Cultivate often. Spray with Bordeaux Arsenate of Lead Mixture as a protection from flea beetle, Potato beetle and blight. 8 to 10 bushels will plant an acre.

Bolgiano's Trust Buster Potato. This variety will insure you a crop that will be far beyond your expectations. It is of medium large size, with very smooth skin. It is mealy when cooked, and has very fine flavor.

Plucky Baltimore Potato. This potato is very early, also quite hardy, and will stand much severe weather. It is not susceptible to blight, and will produce good crops when many other varieties prove a failure. It is of medium size, rather oblong.

Early Round Six Weeks. A very early variety, slightly resembles the Irish Cobbler in shape but is about one-third smaller, and a week or ten days earlier.

Bolgiano's Famous Prosperity Potato. Yields fine crops of even, fine, smooth, large Potatoes under the most unfavorable circumstances. Flesh is as white as snow and cooks dry and mealy.

Carmon No. 3. Most successful of the Carmon's; heavy yielder.

Maine Houlton Early Rose. The genuine Early Rose still remains the standard early variety.

Irish Cobbler. It is a vigorous grower, ripens uniformly, and a good keeper.

Rural New Yorker. Second early, large, smooth, white, wide as long, very productive.

Early Ohio. One of the standard early varieties. Full week earlier than the Early Rose; shape oblong; quality dry, mealy.

American Giants. One of the most popular of the new heavy yielding Potatoes.

McCormack Potatoes. A very late, heavy yielding Potato, about the best of all Winter keepers.

Burbank. An old standard popular on account of its fine eating quality.

Spalding No. 4, Extra Early Rose XX. Earliest Rose Potato in the world, good cropper, fine appearance.

Sir Walter Raleigh. Big cropper, flesh white, superior quality, fine grained.

Green Mountain. A very popular main crop Potato.

Gray's Mortgage Lifter Seed Potato. An enormous yielder, second early Potato with no culls.

Red Bliss Triumph or Improved Red Bermuda. One of the earliest varieties grown. Its great productiveness, handsome color and resistance to disease make it most popular.



Plucky Baltimore Potatoes

Radish

RADIS ET RADE
Rabanos y Rabanitos
Rabtesz und Rettib

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

2 Ozs. to 100 Feet of Drill

Culture. Sow as soon as the ground is dry in the Spring, in rows 12 to 18 inches apart, every week or 10 days for succession, up to the middle of June, after which they are little used, unless a cool northern spot can be found where the ground is shaded during part of the day. They should be sown in light, rich soil, as a crisp Radish cannot be produced in heavy soils. Sow also in early Fall for late crops and Winter use. Sow 8 to 12 pounds to the acre. Radishes should be eaten when quite small; it is a mistake to let them grow too long and too large. This applies, particularly to Ruby King and small turnip-shaped sorts.

9. Bolgiano's Tip Top White Tip Radish. The earliest of white tip varieties. Color bright red with a pure white tip, very solid, and of mild flavor, does not get pithy. (See Specialty, page 19.)

258. Bolgiano's Strawberry Radish. Matures very quickly, shaped perfectly round, bright scarlet in color, and is solid and sweet. (See Specialty, page 19.)

230. Bolgiano's Extra Early Ruby King Radish. Brilliant red in color, olive shape, very solid, and has excellent flavor. (See Specialty, page 19.)

238. Bolgiano's Round Scarlet Globe Radish. Rich, scarlet color, faultless shape, matures in 20 days.

239. Scarlet Turnip White Tip Radish. Round, bright scarlet, attractive, white tip, matures in 25 days.

241. Vick's Scarlet Globe Radish. A leader among bright, round, red Radishes. Quick maturing, extremely attractive, short tops, solid and fine flavor.

240. Crimson Giant Globe Radish. Originator's Stock Seed. This is an entirely new variety, suitable for forcing or early outdoor planting.

235. French Breakfast Radish. Quick growth, mild, tender, good for forcing.



Scarlet Turnip White Tip Radish

231. Felton's Model or Philadelphia White Box Radish. Handsome and early, with fewer short leaves, hence can be sown thickly in the row.

538. Rosy Gem. Everybody wants this pretty, crisp, tasty little French Radish, so showy with its brilliant cardinal red, contrasted with its immaculate white.

500. Early Snowball. Forcing White Turnip Radish. Earliest, round, white, solid.

509. Prussian Globe Radish. It is a globe shape of a crimson color, short top and will stand forcing.

248. Bolgiano's Solid Crimson King. Double the size of the ordinary early turnip-shaped Radishes, this one often measuring 6 to 7 inches in circumference; the shape varies between round and oval; adapted for either open ground or forcing.

Early Long Varieties

255. Improved Early Long Scarlet Short Top. The finest strain of the most popular Radish. The long, slender, handsome red roots are most attractive. They are ready in about 25 days. Crisp, brittle and of choicest quality. Length 5 to 6 inches.

252. Cincinnati Market. A strain of the Long Scarlet, growing to slightly larger size, fully as early and darker in coloring.

537. Early Frame. This is an extra early strain of the Long Scarlet Short Top, largely used for growing under glass.

249. White Pearl Forcing. Bolgiano's Extra Early Long Radish. Sweet, crisp flavor, very popular and profitable.

257. White Icicle Radish. Introduced from Europe, is one of the finest and longest of the very early, pure white varieties.

253. Lady Finger or White Vienna. Long white, very early, attractive.

557. Half Long Deep Scarlet. Very popular in the New Orleans Market.

256. Short White Chinese Winter or Celestial Radish. The best of all Winter Radishes.

254. White Strasburg Radish. The most popular Summer Radish; of oblong shape, tapering to a point. Skin and flesh are pure white, almost transparent; very tender, of a delightful pungent state.

243. Large White Globe Summer. Deliciously mild and sweet.

244. Giant White Stuttgart. An immense white summer radish.

247. Chartier or Shepherd. Long, crimson, tipped with white.

RADISH	Pkt.	Oz.	¼ Lb.	1 Lb.
Bolgiano's Tip Top White Tip	\$.10	\$.15	\$.30	\$1.00
Bolgiano's Strawberry	.10	.15	.35	1.15
Bolgiano's Extra Early Ruby King	.10	.15	.35	1.15
Bolgiano's Round Scarlet Globe	.10	.15	.30	1.00
Scarlet Turnip White Tip	.10	.15	.25	.90
Vick's Scarlet Globe	.10	.15	.25	.90
Crimson Giant Globe (Originator's Stock Seed)	.10	.15	.30	1.00
French Breakfast	.10	.15	.30	1.00
Felton's Model or Philadelphia White Box	.10	.15	.30	1.00
Rosy Gem	.10	.15	.25	.90
Early Snowball Forcing White Turnip	.10	.15	.30	1.00
Prussian Globe	.10	.15	.30	1.00
Bolgiano's Solid Crimson King	.10	.15	.35	1.15
New Sparkler White Tip Red	.10	.15	.25	.90

EARLY LONG RADISH

Improved Early Long Scarlet Short Top	.10	.15	.30	1.00
Cincinnati Market	.10	.15	.30	1.00
Early Frame	.10	.15	.30	1.00
White Pearl Forcing Bolgiano's Ea. Long	.10	.15	.30	1.00
Lady Finger or White Vienna	.10	.15	.30	1.00
White Icicle	.10	.15	.30	1.00
Half Long Deep Scarlet	.10	.15	.30	1.00
Bolgiano's Long Red Glass	.10	.15	.30	1.00

WINTER RADISH

Short White Chinese Winter or Celestial	.10	.15	.30	1.00
Osaka	.10	.15	.30	1.00
Round White Spanish	.10	.15	.30	1.00
Chinese Rose Winter	.10	.15	.30	1.00
Long White Spanish Winter	.10	.15	.30	1.00
Long Black Spanish Winter	.10	.15	.30	1.00

SUMMER OR AUTUMN RADISH

White Strasburg	.10	.15	.30	1.00
Large White Globe Summer	.10	.15	.30	1.00
Giant White Stuttgart	.10	.15	.30	1.00
Chartier or Shepherd	.10	.15	.30	1.00



Great Giant Salsify

Salsify or Oyster Plant

SALSIFIS
Ostion Vegetal
Safertourzel

1 Oz. to 100 Feet of Drill.
8 to 10 Lbs. in Drills for an Acre.
25 to 35 Lbs. Broadcast for an Acre.

Parcel Post Rates, see Page 1

Culture. Sow as early as the ground can be worked in the Spring, in drills 12 inches apart, 1 inch deep, and thin out to 6 inches to the row. Keep them free from weeds. Cultivate the same as Carrots and Parsnips. Sow 8 to 10 pounds to the acre. One ounce to 100 feet of drill.

275. **Bolgiano's Great Giant Salsify.** The largest, purest and best Salsify to grow.

276. **Sandwich Mammoth White Salsify.** Superior in quality, pure white color, very meaty and fine flavor. Our stock unusually good, grows so large and shapely.

Rhubarb or Pie Plant

Culture. The seed should be sown in a shallow drill, using 1 ounce to 150 feet of row. When well started, thin to stand 10 to 12 inches apart. The stalks should not be gathered until the plants have had a full season's growth.

Rhubarb Roots. Roots listed below, if planted in good soil in the Spring, will make a strong growth and yield stalks for market the following spring.

Myatt's Victoria. The most popular variety; comes quite true from seed.

2-Year Old, Extra Large Fine Roots.

We Pay Postage on
Pkts., Ozs., 1/4 Lbs.
and Lbs.

Spinach

EPINARD
Espinaca
Spinat

1107. **Victoria Spinach.** The foliage is heavy, the broad, dark green leaves are of the finest quality.

1109. **Monstrous or Viroflay.** This variety under severe tests, has proven to be the most hardy of all. Color is dark green, leaves grow slightly pointed and with more stem than the savoy. Plant grows very large when the soil is well fertilized, grows closely to the ground, and stands the severe winters well.

444. **King of Denmark Spinach.** A very popular variety of recent introduction, and has proven very successful to grow in hot weather. The color is darker green than most varieties, and the leaves are well crimped and very attractive. (See Specialty, page 18.)

1232. **Triumph Spinach.** This excellent new Spinach is nearly double the size of the Victoria and has all its good qualities. Very profitable for market gardeners and shippers. (Specialty, see page 18.)

1262. **New Zealand Spinach.** This variety endures heat and drought; excellent for Summer use.

1104. **Curled Leaf Savoy or Bloomsdale Imported.** A standard variety, used extensively, by large growers for their main crop, both in the Fall and Spring. Grows a large, crimped, curled, dark green leaf with very short stem. The plants on well fertilized soil, when not allowed to stand too closely together, will grow from 10 to 12 inches across the top. This variety is an excellent shipper. Our stock of this variety has been carefully grown, to keep it the true curled type, and free from blight.

1000. **Long Season Spinach.** This variety is especially adapted for Summer sowing, as it remains in perfect condition a long time, before going to seed.

1108. **Long Standing, Thick-Leaved Spinach.** Leaves are large, thick, fleshy, and crumpled, fully equal to the Savoy Leaf.

1106. **Improved Curled Long Standing.** The very best for Spring.

SALSIFY OR OYSTER PLANT				
	Pkt.	Oz.	1/2 Lb.	1 Lb.
Bolgiano's Great Giant...	.10	\$.25	\$.70	\$2.50
Sandwich Mammoth White	.10	.25	.65	2.25
Large White	.10	.25	.65	2.25
RHUBARB OR PIE PLANT				
Myatt's Victoria	.10	.15	.45	1.50
RHUBARB ROOTS 2 YEAR OLD				
(Postage extra)		Each	1 Doz.	100
Extra Large Fine Roots	.....	\$ .25	\$2.00	\$15.00
SPINACH				
		Oz.	1/2 Lb.	1 Lb.
Curled Leaf Savoy or Bloomsdale, Imported	.....	\$ .10	\$.15	\$.40
Curled Leaf Savoy or Bloomsdale, American	.....	.10	.15	.40
Long Season	.....	.10	.15	.40
Long Standing Thick Leaved	.....	.10	.15	.40
Improved Curled Long Standing	.....	.10	.15	.40
Victoria	.....	.10	.15	.40
Monstrous or Viroflay	.....	.10	.15	.40
King of Denmark	.....	.10	.15	.50
Triumph	.....	.10	.15	.45
New Zealand	.....	.10	.25	.65



Curled Leaf Savoy or Bloomsdale Spinach

Squash COURGE
Calabaz
Spelze Kürbis

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

1 Oz. Bush Varieties for 40 Hills; Large Seeded Varieties, 15 Hills; 2 to 3 Lbs. Bush; 3 to 4 Lbs. Large Seeded per Acre

Culture. Sow in hills in the same manner and at the same time as Cucumbers and Melons, the bush varieties 3 to 4 feet apart, and the running kinds from 6 to 9 feet apart.

Bush Varieties

329. **Fordhook Bush.** Early, sweet and dry, oblong, bright yellow, one of the handsomest and best keeping Winter varieties, also a good Summer sort.

269. **Golden Summer Crookneck Squash.** Of dwarf, bushy habit, very productive; skin yellow; flesh greenish-yellow color, dry and agreeable flavor.

265. **Extra White Bush Scalloped or Patty Pan Squash.** Good size, uniform, a heavy cropper, and early. The skin is white and the flesh fine grained and tender.

304. **Mammoth or Giant Summer Crookneck Squash.** Double the size of the ordinary Crookneck and very warty; fine for market.

585. **Cocozelle Bush.** Of compact bush growth, with dark green foliage; the fruits are oblong, 12 inches or more in length, and 4 to 5 inches in diameter. Skin dark green, with stripes of a still deeper shade.



Boston Marrow Squash

331. **Bolgiano's Extra Early Dawn Squash.** The earliest and finest white Bush Squash.

501. **Extra Early Jersey White Bush.** An extra early strain of the White Bush.

267½. **Mammoth White Bush Scalloped.** Frequently 12 to 14 inches in diameter.

Running Varieties

272. **Early Prolific Orange Marrow.** A very early, prolific Boston Marrow of most delicate flavor and uniform type. Suitable for Fall or Winter.

273. **Boston Marrow.** Oval, bright orange, flesh yellow. Our stock is exceptionally fine.

80. **The True Hubbard Squash.** Vines of strong running growth; fruits large, olive shape, with dark green skin, very rich flesh. An excellent keeper and of splendid quality. Our strain is extra fine.

330. **Chicago Warted Hubbard.** A superior strain of mammoth size with skin heavily warted.

Pumpkins

POTIRON
Calabaza
Große Kürbis

Culture. May be planted middle of Spring among Indian Corn or in field or garden, in hills 8 to 10 feet apart each way, 4 seeds in a hill; in other respects are cultivated in same manner as Melons and Cucumbers; avoid planting near other vines. 2 Lbs. to acre.

274. **Improved Winter Crookneck or Cushaw.** Mottled green and white; flesh is yellow, solid, fine grained and sweet; excellent for pies.

1058½. **Kentucky Large Field.** Flat, fine for Pumpkin pies, Winter, etc.

225. **Sweet Potato Pumpkin.** Finest variety for table.

365. **Winter Luxury.** A superior pie Pumpkin, small but enormously productive and an excellent keeper; shape slightly oval, about 10 inches in diameter, color golden-russet, finely netted; flesh deep golden, sweet and tender.

402. **New England Pie or Sugar Pumpkin.** A small, round sort; very sweet, fine grained and of the best quality.

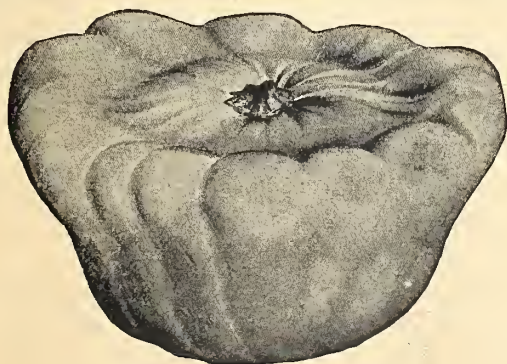
403. **Japanese Pie Pumpkin.** A large, crookneck sort. Skin green, striped yellow; flesh yellow and of fine quality.

89. **Large Cheese Pumpkin.** Forms flat like a cheese; a sure cropper and extensively grown for canning.

102. **King of the Mammoth or True Potiron.** The Great Prize Pumpkin growing the largest of all, from 100 to 200 pounds in weight, bright yellow, tender, excellent.

364. **Golden Oblong Pumpkin.** Produces oblong, bright, orange colored fruits of good size, with rich colored flesh.

1069. **Connecticut Field or Large Yellow Pumpkin.** Excellent for stock feeding.



Early Dawn Squash

SQUASH	Pkt.	Oz.	¼ Lb.	1 Lb.
Fordhook Bush	\$.10	\$.15	\$.40 \$1.25
Golden Summer Crookneck10	.15	.40 1.25
Extra White Bush Scalloped or Patty Pan10	.15	.35 1.00
Mammoth or Giant Summer Crookneck10	.15	.35 1.25
Cocozella10	.15	.45 1.50
Bolgiano's Extra Early10	.15	.40 1.25
Extra Early Jersey White Bush10	.15	.35 1.00
Mammoth White Bush Scalloped10	.15	.35 1.00
Early Prolific Orange Marrow10	.15	.35 1.00
Boston Marrow10	.25	.80
The True Hubbard10	.15	.35 1.00
Chicago Warted10	.15	.35 1.00

PUMPKINS

Improved Winter Crookneck or Cushaw	.....	.10	.15	.40 1.25
Kentucky Large Field	.....	.10	.25	.75
King of the Mammoth or True Potiron	.....	.10	.15	.40 1.25
Golden Oblong	.....	.10	.15	.40 1.25
Connecticut Field or Large Yellow	.....	.10	.25	.75
Sweet Potato	.....	.10	.15	.35 1.00
Winter Luxury	.....	.10	.15	.40 1.25
New England Pie or Sugar	.....	.10	.15	.40 1.25
Japanese Pie	.....	.10	.15	.40 1.25
Large Cheese	.....	.10	.15	.35 1.00
Small Sugar Pumpkin	.....	.10	.15	.40 1.25



The Greater Baltimore Tomato

TOMATO

We Pay Postage on Pkts., Ozs., $\frac{1}{4}$ Lbs. and Lbs.

French
POMME D'AMOUR

German
LIEBESAPFEL

Italian
POMO D'ORO

Spanish
TOMATE

Culture. Big crops can be had from a few Tomato Vines, not a garden should be without Tomato Plants. Well prepared soil is one of the secrets of growing good Tomatoes. First loosen the top soil 8 inches deep by turning it over same as a plow furrough, and before turning the top soil again, loosen the sub-soil 15 inches deep. Be careful not to turn the sub-soil to the top. If you are using a plow you should have a sub-soil plow to follow in the furrough of your top-soil plow. This is important as Tomatoes must have well drained soil to do their best, and the very best way to drain the soil is through the sub-soil. When the moisture is stored there, it will supply the plant with moisture during the long dry season that is likely to come.

Second. Seed that has been saved from selected stocks is very important to grow the kind of plants to set out. The seed should be sown in hotbeds or in the house March 1st. When the plants are 2 inches high transplant to 3 inch pots, as pot grown plants are the best. They are more prolific and will last longer when set out without disturbing the roots. The early varieties should be planted outdoors just as soon as danger of heavy frost is over, and cool nights should be protected by paper caps that can be easily made from old newspapers. There are several methods of handling the plant after they are planted out. Some plant 4 feet each way and allow the plants their own freedom, others plant 3 feet in rows and 18 inches in the row, and tie up to stakes. If this method is used the vine should be pruned to single stem. Well rotted manure worked through the soil will add to your yield. You cannot get the soil too rich for such varieties as the John Baer, Bolgiano and the Glory. One ounce of seed to 3,000 plants.

Red Tomatoes

600. **Bolgiano's Monumental Tomato.** (Specialty, see page 3.)

460. **The Bolgiano Tomato.** (Specialty, see page 21.) Two weeks earlier than the Earliana. First fruit as good as the prime of the season. A solid mass of red, neaty flesh. Skin tough, flesh tender and sweet. Stands long-distance shipping perfectly.

407. **Victory Tomato.** Early, full of vim, new life and health, free from wilt, blight, disease, perfect shape, high crown fruit, entirely free from core, firm, solid and meaty, beautiful brilliant red color, perfectly smooth and even, mild, refreshing, delicious flavor. A marvelous yielder.

310. **Prosperity.** The Wonder Among Early Tomatoes. A brilliant red, an enormous yielder. Grown and developed from single plant, selections covering a period of years, filled full of strong, sturdy, healthy, new blood.

378. **Bolgiano's Glory Tomato.** Produces at every joint large clusters of good size, smooth, firm, beautifully shaped fruits, uniform in shape, color and size. At times the vines are so full that they can hardly hold all the fruit that they produce. They ripen evenly and color up well. Keep vigorous and green until frost and are then full of fruit.

234. **Bolgiano's John Baer Tomato.** (Specialty, see page 21.) John Baer Tomato produces perfect, solid, high crown, beautiful, brilliant red shipping tomatoes. It is the earliest of the Earlies.

420. **Baltimore Baer Tomato.** Beautifully shaped, perfect, high crown, free from core, firm, solid and heavy. A very heavy yielder. Early, free from wilt and blight.

77. **Bolgiano's My Maryland.** A wonderful "Double Yielding" Tomato. It is simply startling in its immense productiveness. (Specialty, see page 20.)



The Bolgiano Tomato

Red Tomatoes

572. **Red Rock Tomato.** A fine, large, solid, smooth Tomato, of very fine, red color. A heavy producer and an excellent shipper.

332. **Bonny Best Early Tomato.** This is a very early and very popular variety, quite as early as the best strains of Earliana Tomato; it is a vigorous grower, enormously prolific, with splendid foliage and of an intense velvety glowing scarlet color; ripens evenly all over and up to the stem.

307. **Stone Tomato.** We have the true stock, free from rust and blight, of this valuable Tomato.

279. **Bolgiano's Greater Baltimore Tomato.** Selected Stock Seed. Makes a fine crop when all others fail. (Specialty, see page 21.)

311. **Bolgiano's Florida Special Tomato.** (Specialty, see page 21.) Early, prolific, blight proof.

287. **Chalk's Early Jewel.** Very fine sort; large, solid, smooth, bright red.

286. **Sparks' Earliana Tomato.** It is remarkable for its earliness, very large size, handsome shape and bright red color.

284. **Bolgiano's Great B. B. Tomato.** Used successfully for early and late crops.

288. **King of the Earlies Tomato.** Large and productive. Very early.

285. **Matchless Tomato.** Vigorous, healthy vines are crowded with beautiful fruit of largest size and solidity. First-class shipper.

524. **Maul's Success Tomato.** Large, red, main crop.

312. **Livingston's Paragon.** Bright, red, round; very productive.

308. **Livingston's Favorite.** Large, smooth, productive and a good shipper.

309. **Perfection.** Early, regular and productive, reddish scarlet.

347. **Ten Ton Tomato.** One of the heaviest yielding red Tomatoes.

TOMATOES	Pkt.	Oz.	$\frac{1}{4}$ Lb.	1 Lb.
The Bolgiano .....	.20	\$.80	\$2.50	\$8.00
Bolgiano's Monumental ..	.25	1.50	4.50	15.00
Victory .....	.10	.50	1.50	5.00
Prosperity .....	.10	.50	1.50	5.00
Bolgiano's Glory .....	.15	.60	1.75	6.00
Bolgiano's John Baer....	.10	.50	1.50	5.00
Baltimore Baer .....	.10	.45	1.25	4.50
Bolgiano's My Maryland..	.10	.50	1.50	5.00
Red Rock .....	.10	.40	1.10	4.00
Bonny Best .....	.10	.45	1.25	4.50
Stone .....	.10	.30	.85	3.00
Bolgiano's Greater				
Baltimore .....	.10	.45	1.25	4.50
Bolgiano's Florida Special.	.10	.45	1.25	4.50
Spark's Earliana .....	.10	.30	.85	3.00
Chalk's Early Jewel.....	.10	.45	1.15	4.25
Bolgiano's Great B. B....	.10	.30	.85	3.00
King of the Early.....	.10	.40	1.10	4.00
Matchless .....	.10	.30	.85	3.00
Maul's Success .....	.10	.30	.85	3.00
Livingston's Paragon ....	.10	.30	.85	3.00
Livingston's Favorite ....	.10	.30	.85	3.00
Perfection .....	.10	.30	.85	3.00
Ten Ton .....	.10	.30	.85	3.00
Trophy .....	.10	.35	1.00	3.50
Briton's Best .....	.10	.30	.85	3.00
Worlds Fair .....	.10	.30	.85	3.00
Ponderosa .....	.10	.45	1.25	4.50
Dwarf Stone .....	.10	.35	1.00	3.50
I. X. L. Bolgiano's Extremely				
Early .....	.10	.45	1.25	4.50



Bolgiano's John Baer Tomato

Red Tomatoes

300. **Trophy.** Very large, solid, extra selected; free from roughness of the old strains.

298. **Brinton's Best.** As a second early and late cropper it is a favorite with canners and truckers.

285½ **World's Fair.** One of the heavier, solid fruited, large Tomatoes of good quality.

502. **Ponderosa.** Very large, heavy, smooth Tomato; very fine for home garden.

296. **Dwarf Stone Tomato.** Double size of Dwarf Champion. Color same as Stone Tomato.

Pink Tomatoes

280. **Bolgiano's Prizetaker Tomato.** If picked while yet green, it ripens gradually into a rich, glossy, crimson color, and this makes it one of the best shippers for early market. It is smooth, solid and heavy, and holds the size from the first to the last crop.

289. **Dwarf Champion.** Dwarf, stiff habit, dark green foliage, scarcely needing any support. It is very early and wonderfully prolific. Color same as Acme. It is perfectly round and smooth, of medium size.

281. **Redfield Beauty.** It is a vigorous grower, long and heavy yielding; fruit is perfect shape, with a skin that is hardy, making it an excellent shipper.

264. **Livingston's Globe.** This splendid Tomato is attracting a great deal of attention among Southern Shippers. As a Tomato for the early market, it will pay you to give it a trial.

282. **Livingston's Beauty Tomato.** Large, smooth, dark pinkish red, thick flesh.

268. **June Pink Tomato.** This is the Pink Earliana Tomato, and where a Pink Tomato is in demand, this will be the earliest and most profitable to grow.

291. **Improved Acme.** Very early, of medium size; perfectly smooth, very solid and a great bearer. Crimson color with a pinkish cast.

303. **Crimson Cushion.** Very large, bright scarlet, fine flavor.

Yellow Tomatoes

382. **Golden Eagle Tomato.** Leader of all Yellow Tomatoes. Color a rich, transparent amber; fruit smooth, fine form and deliciously flavored. It is very attractive.

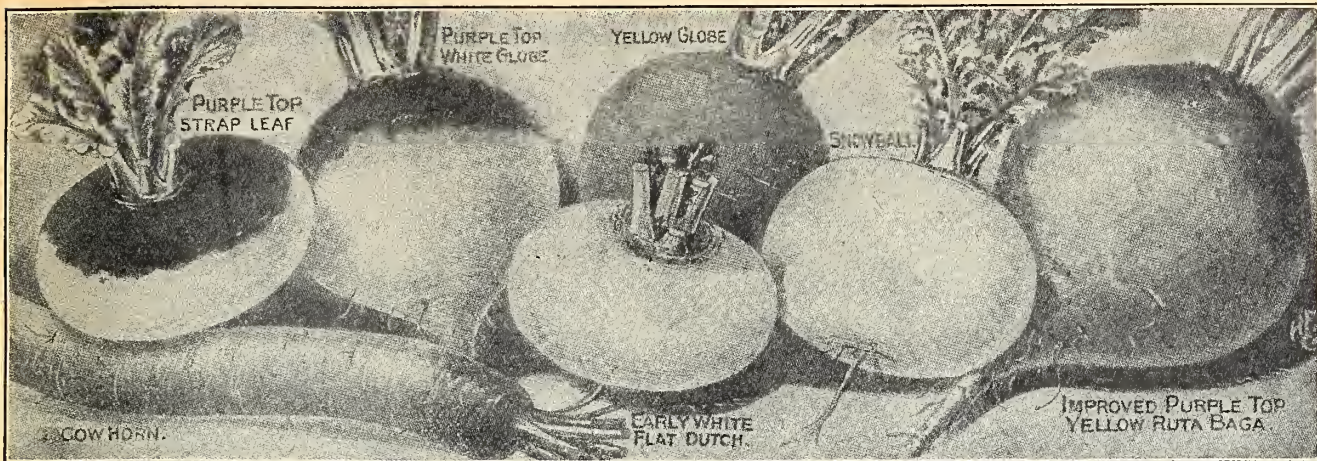
383. **Yellow Pear-Shaped.** A pretty little Tomato, which is used largely for pickling and preserving purposes; very prolific.

385. **Yellow Plum-Shaped.** Little larger than the Pear-Shaped; deep yellow color, very popular for preserving.

386. **Golden Queen Tomato.** Large smooth and good, a great show Tomato at the County Fairs.

Bolgiano of Baltimore originated a number of the best varieties of tomato seed known to the trade today. See our tomato specialty pages 20-21.

TOMATOES	Pkt.	Oz.	¼ Lb.	1 Lb.
Bolgiano's Prizetaker ...	\$.10	\$.30	\$.85	\$3.00
Dwarf Champion .....	.10	.40	1.10	3.75
Redfield Beauty .....	.10	.30	.85	3.00
Livingston's Globe .....	.10	.45	1.25	4.50
Livingston's Beauty .....	.10	.30	.85	3.00
June Pink .....	.10	.40	1.10	4.00
Improved Acme .....	.10	.30	.85	3.00
Crimson Cushion .....	.10	.40	1.10	4.00
Red Cherry .....	.10	.40	1.10	4.00
Red Plum .....	.10	.40	1.10	4.00
Red Peach .....	.10	.40	1.10	4.00
Red Pear Shaped.....	.10	.40	1.10	4.00
Golden Eagle .....	.10	.40	1.10	4.00
Yellow Pear Shaped.....	.10	.40	1.10	4.00
Yellow Plum Shaped.....	.10	.40	1.10	4.00
Golden Queen .....	.10	.40	1.10	4.00
Yellow Peach .....	.10	.40	1.10	4.00
Yellow Cherry .....	.10	.40	1.10	4.00



NAVET
Bettje-Rube

Garden Turnips and Ruta Baga

NABO
NAVONE

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

Culture. The Turnips require a rich soil. When grown quickly they are more solid and tender and may be grown either as an early or late crop. For an early crop sow early in Spring soon as soil can be worked in drills 18 inches apart. Thin out to stand 3 inches apart. These will be ready for use before hot weather develops. Late Turnips are usually sown broadcast on land from which some early crop has been removed, during July or August. The roots need not be gathered until after several frosts. May be stored for Winter use in cellar or pits outside. Before storing the tops should be removed.

Ruta Baga are usually sown in June in drills 30 inches apart. Thin out to stand 6 inches apart in row.

313. Purple Top White Globe. As a profitable sort for home or market it is unsurpassed. It is a large, rapid growing sort, with globular shaped roots. Flesh pure white. The skin is white and purple, the under portion being white and the top bright purple. (See illustration.) On account of its shape, it will outyield any other sort.

321. Southern Seven Top. Hardest of all sorts, may be left standing in the open ground during Winter. In the Southern States it yields in the Spring abundant foliage for boiling with cured meats and is only desirable for this purpose.

305. Extra Early White Milan. Extra early, tender and delicately flavored; the bulb is of medium size, very handsome, smooth and of clear ivory-white both inside and out.

315. Extra Early Purple Top Milan. Flat, smooth, of medium size, with bright purple top and few leaves. Flesh white and choice. Adapted to Spring or Fall. A good keeper.

328. Large White Norfolk. It is allowed to stand out during the Winter in the South.

325. Pomeranian White Globe. Good either for table or stock. Very productive.

320. White Egg. Oval or egg shape, flesh firm and sound-grained, thin and perfectly smooth skin of snowy whiteness.

323. Early White Flat Dutch. Pure white, flat strap-leaf Turnip. Early, medium size, excellent quality for early Spring sowing.

316. Yellow Globe. Yellow Globe is a wonderful cropper, and keeps far into the following year. It begins to bulb at the very start and forms large-sized roots and small tops.

324. Purple Top Yellow Aberdeen. Medium size, round, flesh pale yellow, tender and sugary. The plant is hardy, productive and keeps well.

314. Early Red or Purple Top White Flat Strap-Leaf Turnip. This is one of the best table Turnips on the market, being fine grained and of mild flavor. It is white below, with a bright purple top; flesh white, leaves short, narrow and erect. Will mature in 8 or 9 weeks. A good cropper and an excellent keeper.

530. Southern Prize or Dixie. Makes large, round, white Turnips in addition to salad; hardy and needs no protection, the most popular Winter and Spring salad Turnip grown.

159. White Top White Globe Strap-Leaf. Of a perfect globe shape, about six inches in diameter, with smooth, all pure white skin; flesh snowy white, firm and crisp, and of quick growth. A good keeper and fine for market.

322. Large Amber Globe. Flesh yellow, fine grained and sweet; hardy, keeps well, a good cropper. Popular in the South.

326½. White Cow Horn. A white turnip of peculiar long shape and quick maturity. It grows to a large size, standing half out of the ground.

326. Yellow Cow Horn. A yellow Turnip of peculiar long shape and quick maturity. It grows to a large size, standing half out of the ground.

317. Golden Ball, Orange Jelly or Robertson's. Flesh sweet and firm.

318. Yellow Stone. Flesh crisp, tender, of fine quality.

434. Grey Stone Turnip. Resembles the Purple Top White Globe. Meat white and tender. Top greyish red. Early and one of the first ready for the markets early in the Fall.

327. Ruta Baga, Market Gardeners' Improved Purple Top. Our Ruta Baga is select, yields enormous crops of handsome, large, solid, yellow-fleshed Turnips; is grown largely for cattle food; keeps over Winter till Spring in good condition. It is also used as a table vegetable because of its sweetness.

446. Bolgiano's Perfect Model Ruta Baga. Excellent variety for table use. Flesh golden; very sweet; not the least bit stringy or tough. Far superior to any of the other varieties and much nicer than the Swede Turnip. Solid and crisp until Spring. Never gets pethy. The kind that home gardeners and market gardeners will appreciate.

TURNIPI	Oz.	¼ Lb.	1 Lb.
Purple Top White Globe.....	.10	\$.20	\$.60
Southern Seven Top.....	.10	.20	.60
Extra Early White Milan.....	.10	.30	1.00
Extra Early Purple Top Milan....	.10	.30	1.00
Large White Norfolk.....	.10	.20	.60
Pomeranian White Globe.....	.10	.20	.60
White Egg.....	.10	.20	.65
Early White Flat Dutch.....	.10	.20	.60
Yellow Globe.....	.10	.20	.60
Purple Top Yellow Aberdeen....	.10	.20	.60
Early Red or Purple Top White Flat Strap Leaf.....	.10	.20	.60
Southern Prize or Dixie.....	.10	.20	.60
White Top White Globe Strap Leaf.	.10	.20	.60
White Amber Globe.....	.10	.20	.60
White Cow Horn.....	.10	.20	.60
Yellow Cow Horn.....	.10	.15	.40
Golden Ball Orange Jelly or Robertson's.....	.10	.20	.60
Yellow Stone.....	.10	.20	.60
Grey Stone.....	.10	.20	.60

RUTA BAGA

Market Gardener's Improved Purple Top.....	.10	.20	.60
Bolgiano's Perfect Model.....	.10	.20	.60

The Most Beautiful Lawns in America



Analyzed as
to Purity

Druid Hill Park Velvet Green Lawn Grass Seed

Tested as to
Germination

Absolutely the best Lawn Seed Experience Can Suggest, or that Money Can Buy. Will Produce a Beautiful and Permanent Lawn in Four to Six Weeks

Parcel Post Rates, see Page 1

Time of Seeding

Lawns should be seeded in the Fall from August 1st to October 10th. In the Spring from April 1st to June 15th.

The New Lawn

The soil should be plowed or spaded to a depth of about 10 inches, it is absolutely necessary that building waste, such as ashes, slate, stone, small pieces of lumber, etc., should be gathered up and removed.

Having plowed and spaded the soil evenly, apply a mixture of Bolgiano's Lawn Bone Fertilizer at the rate of about 10 pounds to 300 square feet and Sheep's Head Brand Sheep Manure at the rate of 12 pounds to 300 square feet, the fertilizer and sheep manure should be evenly and thoroughly mixed with the surface soil to a depth of 3 inches and raked evenly until the surface is perfectly level and smooth.

For seeding use Bolgiano's Velvet Green Lawn Grass Seed for open spaces, Bolgiano's Shady Nook Lawn Grass Seed for shady spots and under trees, and Bolgiano's Permanent Terrace and Slope Mixture for sharp inclines and terraces. Apply at the rate of one pound to 200 square feet of surface. To make a perfect job of seeding, select a mild day as wind will prevent even distribution of the seed. Seed across the prepared area, back and forth, North and South, and having covered the area in this manner, cover the entire area once again, seeding East and West. To cover the seed, it is best to rake very lightly one way only, just as a team of horses would draw a harrow and not over $\frac{1}{2}$ inch deep. After raking, use a roller both ways exactly as done in seeding.

Remember whenever the soil sticks to the tools, it is too wet to work and will result in much harm as it will dry very hard into a baked condition and all work will be wasted.

Rebuilding the Old Lawn

The fact that your lawn is dying and disappearing in spots is conclusive that certain soil conditions prevail that are directly responsible. The soil is lacking fertility and is probably sour. Apply Sheep's Head Brand Sheep Manure at the rate of 12 pounds to 300 square feet, also Bolgiano's Lawn Bone Fertilizer at the rate of 10 pounds to 300 square feet to increase fertility. Apply Bolgiano's Lawn Lime at the rate of 30 pounds to 300 square feet to neutralize sourness. On bare spots, rake this mixture into the soil thoroughly to a depth of about two inches and smooth; seed the lawn with Bolgiano's Lawn Grass Seed exactly as described in the making of a new lawn, being careful to seed more heavily in bare spots.

Are Made With Bolgiano's Lawn Grass Seed



For Shady
Spots

Shady Nook Lawn Grass

Is Sure
to Please

Druid Hill Park Velvet Green Lawn Grass Seed

Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed, from yearly comparative trials, has proven to be unsurpassed for first-class and permanent results. This is due to the fact that we use only the very finest varieties of the most suitable grasses, thoroughly re-cleaned, free from all chaff and weed seeds.

Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed contains a well-balanced blend of various American and foreign fine bladed and deeply rooting grasses which has proved to produce the very best results under the varied conditions as to soil and climate met with in America.

Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed will give a green, smooth, velvety sod with a thick bottom and free from such varieties of common grasses as produce clumps and knots on the lawn, which so frequently spoil the desired smooth and deep effect.

In the beautiful parks and cemeteries in and around Baltimore, where best results must be had in order to produce beautiful and enduring turf, Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed is used almost exclusively. $\frac{1}{4}$ Lb. 15c. $\frac{1}{2}$ Lb. 25c. 1 Lb. 40c. 3 Lbs. \$1.15. 5 Lbs. \$1.80. Bu. of 30 Lbs. \$10.00. Postage extra.

Bolgiano's Shady Nook Lawn Grass Mixture

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our Druid Hill Park Velvet Green Lawn Grass Seed it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. $\frac{1}{4}$ Lb. 15c. $\frac{1}{2}$ Lb. 25c. Lb. 40c. 5 Lbs. \$1.80. Bu. of 30 lbs. \$10.00. Postage extra.

Bolgiano's Permanent Terrace and Slope Mixture

Realizing the difficulty experienced by the majority of lawn makers in getting a thick turf which will hold the soil on terraces and high slopes and prevent washing by heavy rains, we have after much experimenting established a mixture which admirably fills this need.

This mixture has been carefully blended so as to contain various grasses of rapid, dense, even growth and strong root systems, which will insure a permanent, beautiful slope. $\frac{1}{4}$ Lb. 20c. $\frac{1}{2}$ Lb. 30c. Lb. 50c. 3 Lbs. \$1.45. 5 Lbs. \$2.30. 25 Lbs. \$11.00. Postage extra.



Bolgiano's Sandy Soil Lawn Grass

Sandy Soil Lawn Grass

A carefully blended mixture of fine bladed grasses, that will produce a permanent and beautiful lawn on the lightest and most sandy soils. Seed one pound to 200 sq. ft. $\frac{1}{2}$ Lb. \$.25. Lb. \$.40. 5 Lbs. \$1.90. 10 Lbs. \$3.50. Postage extra.

Cloverless Lawn Grass Seed

This excellent mixture contains all the valuable grasses composing our Druid Hill Park Lawn Grass Seed, but it contains absolutely no White Clover Seed. $\frac{1}{4}$ Lb. 15c. $\frac{1}{2}$ Lb. 25c. Lb. 40c. 5 Lbs. \$1.80. Postage extra.

White Dutch Clover

This is the best Clover for lawns, as it forms a close herbage and remains green throughout the season. It is also a very valuable mixture with grass seed for pasture. Sown in the Spring at the rate of 6 lbs. per acre when sown alone; one-half the quantity when sown with other grass. $\frac{1}{4}$ Lb. 25c. $\frac{1}{2}$ Lb. 40c. Lb. 75c. Postage extra.

Special Golf Mixtures

For Putting Greens

What is needed here is a close, low-growing grass that will stand a lot of tramping and will make a springy, tough turf. After thoroughly experimenting and scientifically testing, we have formulated a mixture that will give the desired results of an ideal Putting green. This mixture will grow in most any soil. Lb. \$.70. 5 Lbs. \$3.25. 100 Lbs. \$60.00. Postage extra.

For Fair Greens

Over the course, where a very close growing sod is not necessary, but where a beautiful, velvety, green grass is wanted, we especially recommend our special mixture for Fair greens. By using this mixture in connection with our special mixture for Putting greens you are assured an even, velvety, green golf course equal to the best of lawns. This mixture will thrive well even on poor soil. Lb. \$.45. 5 Lbs. \$2.00. 100 Lbs. \$35.00. Postage extra.

Mixture for Golf Tees

Here is where the most durable sod is needed on the entire golf course, this mixture will produce a sod that will withstand the rough usage, and continue to grow, through the most strenuous season. Lb. \$.60. 5 Lbs. \$2.75. 100 Lbs. \$50.00. Postage extra.

Cutting the Lawn

Use a good ball bearing lawn mower, as one of this type will outwear three or four cheap mowers, and can be operated with much less energy, thus making lawn mowing a pleasure rather than a task.

It is well to cut closely during the early Spring, and also the late Summer months when the weather is cool, but during the hot midsummer months grass should not be cut closer than two inches, because the soil is often very dry during this period, and by close cutting the hot sun will be allowed to reach the roots of the grass directly often causing it to die.

Eliminating Crab Grass and Other Weeds from the Lawn

Most weeds found in the lawn are annuals, especially Crab grass and Foxtail, growing from seed only and living but one year. These are about the two worst enemies of the lawn and usually make their strongest growth during the latter summer months; being an annual grass, if much care is taken in cutting the lawn close during these months so they will not be allowed to produce seed, they may be eliminated. It is best to cut the lawn frequently both ways so as to be sure of destroying all seed stalks. Crab grass especially will smother out lawn grasses in spots, but when the weather begins to get cold, it will turn yellow and die: then is the time to fill in these spots by seeding carefully and covering them with a light coating of rich top soil that is free from weed seed.

Nearly all weeds found on the lawn are the result of using stable manure or filthy top soil for winter covering. It cannot be too strongly emphasized that as a rule, prepared fertilizers, due to their purity from weed seeds, are better for the lawn than stable manure or top soil.

Fertilizing the Lawn

If lawns are expected to thrive and grow, they must be nourished sufficiently to encourage normal growth.

They should have an application of Bolgiano's Lawn Bone Fertilizer, also Sheeps Head Brand Sheep Manure, each Fall about September 15th to October 15th, and each Spring about March 15th to April 15th.

Winter Covering for Lawns

Lawns should be cut very closely about September 20th for the last time of the season, this date applies to climate equal to the State of Maryland.

Weeds at this time have stopped growing, and lawn grass is making its best growth of the season. An application of bone fertilizer and sheep manure promote the growth of the lawn grass, very often forcing it five or six inches high, then when the weather becomes cold this growth of long blades begin to droop and eventually fall and become matted over the roots of the grass, forming a blanket that thoroughly protects the lawn during the cold winter months.

Bolgiano's Bone Lawn Fertilizer

The very best fertilizer to use on lawns. It contains a large percentage of raw bone and when used on the lawn in early Spring will give a beautiful green lawn all during the entire Summer and Fall. Stable or chicken house manure should never be used as a top dressing on lawns, as it always contains large quantities of weeds. We have therefore had prepared for us this special lawn fertilizer, which is clean of all weed seeds, free from disagreeable odors and is acknowledged by all that have used Bolgiano's Bone Lawn Fertilizer as being the very best for the lawns. It should be sown broadcast early in the Spring or late Fall, 25 pounds to 300 square feet or 2000 pounds to the acre. When using less than above described, two dressings should be given each year. Many of the best lawn makers prefer using two dressings both Fall and Spring. 5 Lbs. 45c. 10 Lbs. 75c. 25 Lbs. \$1.75. 50 Lbs. \$2.25. 100 Lbs. \$3.75. 500 Lbs. \$17.00. 1000 Lbs. \$32.50. 2000 Lbs. \$65.00. Postage extra on 5 and 10 lbs., all other prices F. O. B. Baltimore.

A Good Top Dressing for the Lawn

can be made from the following compost. Apply in September or October: Twelve ordinary garden wheelbarrows of garden loam, 25 pounds Lawn lime, 25 pounds fine ground bone, 50 pounds pulverized sheep manure. Mix in a compost pile for one week, then apply. This mixture will dress a section of 2000 square feet of lawn.

Pulverized Sheep Manure for Lawns, Gardens, Parks, Golf Courses and Cemeteries

This is without exception the very best dressing for lawns. The effect is immediate and lasting. It is the only manure that is absolutely free from weed seeds. It contains no dirt, straw, leaves or bedding of any kind, being secured from the cemented floors of the Chicago stock yards. It is three times stronger than cow manure. Contains nitrogen, phosphoric acid, ammonia and potash in liberal proportions. It also adds humus so essential to the feeding of all plant life. Is also unequaled as a fertilizer for the vegetable garden, flower garden, house plants, trees, hothouse, etc. It is also dissolved in water and used as a liquid to nourish all kinds of growing plants. Be sure to give it a trial. 5 Lbs. 30c. 10 lbs. 50c. 25 Lbs. \$1.00. 100 Lbs. \$3.00. 500 Lbs. \$12.50. 2000 Lbs. (in 100-lb. bags) ton \$45.00. Postage extra on 5 and 10 lbs., all other prices F. O. B. Baltimore.



Bolgiano's Lawn Lime

Some of the finest lawns and grass plots have been produced by the judicious use of Lime. If the ground is showing signs of a green cast or moss, use Lime at once to save your lawn from the acidity or sour effect that will accumulate. A generous application of Lime being used two weeks before seeding time will prove beneficial. It can be applied in early Spring or late Fall with the very best results. Sow broadcast 25 pounds to 300 square feet or 2000 pounds to the acre. Price per 5 Lbs. 20c. 10 Lbs. 30c. 25 Lbs. 60c. 80 Lbs. \$1.50. 400 Lbs. \$5.00. 1000 Lbs. \$11.50. Postage extra on 5 and 10 lbs., all other prices F. O. B. Baltimore.

Premier Brand Pulverized Poultry Manure for Lawn, Garden and Conservatory

This fertilizer produces quick growth, rapid development and large yields. It is ideal for garden use. Old lawns 30 to 50 lbs. per 1000 sq. feet. New lawns 40 to 60 lbs. per 1000 sq. feet. Home gardens 3 to 5 lbs. per 100 sq. feet. Trees 3 to 5 lbs. each. Vines and Bushes 1 lb. each. Golf Courses; putting greens 50 to 60 lbs. per 1000 sq. feet. Fairways 30 to 40 lbs. per 1000 sq. feet. Fruits and Vegetables 1000 to 1200 lbs. per acre. 5 Lbs. 35c. 10 Lbs. 65c. 25 Lbs. \$1.25. 50 Lbs. \$1.75. 100 Lbs. \$3.25. Postage extra on 5 and 10 lbs., all other prices F. O. B. Baltimore.

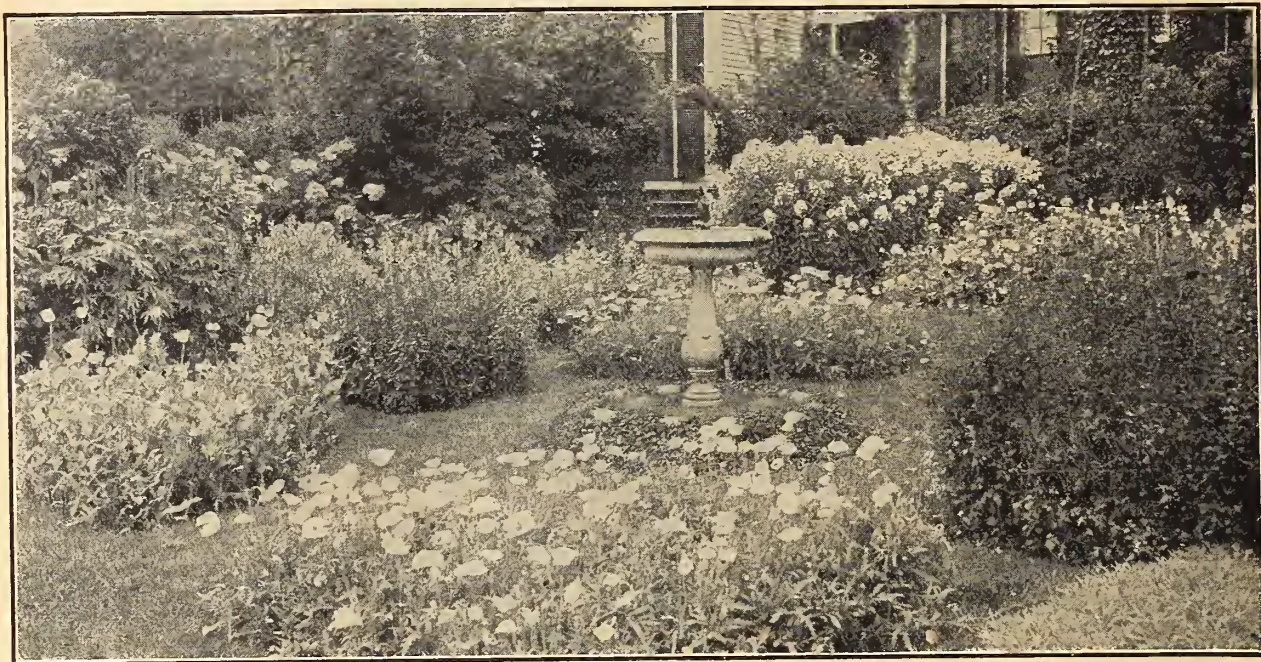
A BEAUTIFUL LAWN,
Made from Bolgiano's Druid
Hill Park Velvet Green Lawn Grass,
Bolgiano's Shady Nook Lawn Grass
and Bolgiano's Permanent
Terrace and Slope Mixture.



Plain Culture Directions
Printed on Each of Our
Flower Seed Packets

Bolgiano's Flower Seeds for 1925

We Pay Postage on Pkts.,
Ozs., $\frac{1}{4}$ Lbs. and Lbs.



Dear Friends:

Have you ever stopped to consider just why Bolgiano of Baltimore is in the Flower Seed Business? One of the most important reasons is that we want to render a unique service to you. We want to bring you happiness by helping you make your home, your town or city a more beautiful place in which to live. Flowers brighten the home and express cheer and hospitality to your guests; as gifts to your friends they speak of good will and friendship; flowers to the sick convey messages of hope, cheer and inspiration; to the sorrowful or bereaved they express sympathy and love.

Flowers for festive occasions speak of joy and happiness. Flowers help make life more worth the living and besides this they have a real money value. Your house is worth more in dollars and cents by having some trees, shrubs and flowers around it, than if it stood out bare and unattractive. Your health will be much improved or maintained by working in the soil and you will find lasting joy and happiness in helping to create an abundance of beautiful flowers.

Bolgiano of Baltimore has made a most careful selection of all flowers listed in this catalog. We want you to have just the right varieties which will produce the desired ornamentation and yield the largest number of perfectly formed blooms.

Furthermore, if you have any problems concerning the culture of flowers, write us about them and we shall consider it a pleasure to give you the benefit of our years of experience.

Sincerely,

THE J. BOLGIANO SEED COMPANY.

1. ABUTILON (Flowering Maple)

A beautiful, flowering, perennial shrub, of strong growth and easy culture. The flowers are bell-shaped and of a variety of colors. This plant will flower luxuriantly indoors during winter and spring, and in the summer is used out doors as an ornamental bedding plant. Pkt. 10c. 1/4 Oz. 65c.

10. ABRONIA (Sand Verbena)

Umbellata. A trailing plant often reaching a length of 3 to 5 feet with fragrant verbena-like pink flowers, useful for borders, baskets and porch boxes. Pkt. 10c. 1/4 Oz. 35c.

20. ACHILLEA (Milfoil or Yarrow)

Ptarmica "The Pearl." One of the best hardy plants for the herbaceous border. It grows about two feet high and from June until October is covered with clusters of pure white double flowers. Excellent for cutting. Pkt. 10c.

30. ACONITUM (Monkshood or Wolfsbane)

Napellus. For a shady corner in the border or amongst shrubbery Monkshood is particularly well adapted. It grows 3 to 4 ft. high and produces long stately spikes of helmet-like blue flowers from July to September. Pkt. 10c.

40. ACROCLINUM

A pretty annual everlasting, growing about 15 inches high, bearing lovely white or rosy-pink flowers, which when cut in the bud, can be dried and used in winter bouquets. Very attractive when grown in a mixed border, aside from its use as an everlasting. Double mixed. Pkt. 10c. 1/4 Oz. 25c. Oz. 75c.

50. ADONIS AESTIVALIS (Pheasant's Eye)

A beautiful little annual with large showy crimson flowers and feathery foliage like the Cosmos. It blooms during June and July and is valuable for cutting. Pkt. 10c. Oz. 25c.

51. ADONIS VERNALIS (Spring Adonis)

This attractive little perennial plant, with its feathery foliage and beautiful yellow flowers, is suitable for the border and the rock garden. It grows about 10 inches high and is one of our earliest plants to bloom. Pkt. 10c. 1/4 Oz. 25c.

ALYSSUM

Dainty, fragrant little plants that bloom in great profusion all summer, also indoors during the winter. Charming for edging, borders, rockwork, vases and baskets.

90. Little Gem. A beautiful white variety. Plants grow about 6 inches high and produce hundreds of flowers in a mass 15 to 18 inches in diameter. Pkt. 10c. 1/4 Oz. 25c. Oz. 75c.

91. Maritimum Sweet. The popular, old-fashioned, trailing variety. Flowers pure white. Pkt. 10c. 1/4 Oz. 15c. Oz. 45c.

92. Alyssum saxatile. (Basket of Gold). Hardy perennial plant. Flowers golden yellow, desirable for rockwork. Pkt. 10c. 1/4 Oz. 30c.

93. Lilac Queen. Plants of dwarf, compact growth. Flowers a beautiful deep lavender-lilac. Pkt. 10c. 1/4 Oz. 20c. Oz. 60c.

110. AMARANTHUS CAUDATUS (Love-lies-bleeding)

Long, drooping, crimson flowering spikes. Easily grown plants, with decorative foliage. They make lovely borders or centers for beds. Pkt. 10c. 1/2 Oz. 20c. Oz. 30c.

111. AMARANTHUS TRICOLOR (Joseph's Coat)

Showy foliage of green, red and yellow. Height 3 ft. Pkt. 10c. 1/4 Oz. 25c.

120. ANCHUSA ITALICA (Dropmore Variety)

A hardy perennial with forget-me-not like flowers of rich gentian blue. It blooms in great abundance during the entire season and attains a height of from 3 to 5 feet. Pkt. 10c. 1/4 Oz. 45c.

130. ANEMONE (Windflower)

St. Brigid. A very pleasing perennial, producing large, Irish poppy flowers; few plants compare with them in beauty, fine for bouquets. Sow indoors in spring, keep shaded till the plants appear. Pkt. 10c. 1/4 Oz. 50c.



Blue Perfection—Ageratum



Alyssum—Little Gem

AGERATUM (Floss Flower)

A lovely rapid growing plant that blooms constantly. It is most lavish with its bright, attractive flowers even when the summer is hot and dry. It is easily grown and combines charmingly with other flowers in beds or borders.

60. White. Pkt. 10c. 1/4 Oz. 25c. Oz. 75c.

61. Blue Perfection. Large heads of the darkest blue ageratum. Blooms in great abundance. Pkt. 10c. 1/4 Oz. 25c. Oz. 75c.

62. Finest Dwarf Mixed. Pkt. 10c. Oz. 50c.

70. AGROSTEMMA CORONARIA (Rose of Heaven)

An easily cultivated, hardy perennial with silvery foliage and crimson flowers. Will bloom the first season, and if seed is planted at different intervals, will furnish cut flowers all summer. Pkt. 10c. Oz. 40c.



St. Brigid Anemone, or the Irish Poppy



Antirrhinum (Snapdragon)

ANTIRRHINUM (Snapdragon)

A strong-growing, stately plant valuable for beautiful garden effects or as cut flowers. Ten weeks after the seeds are sown the plant is covered with graceful spikes of large peculiarly shaped flowers.

Large Flowering, Tall. Plants 2 to 3 ft. High

- | | | |
|--------------------|-------------------------|----------------------------|
| 140. White | 141. Silver Pink | 142. Garnet |
| 143. Yellow | | 144. Scotch Striped |

- Any of the above colors.....Pkt.10c. ¼ Oz.40c.
- 145. Finest Mixed**Pkt.10c. ¼ Oz.30c. Oz.90c.
- 146. Semi-Dwarf, Large Flowering Sorts.** 1½ to 2 ft. tall. Excellent for bedding. Finest Mixed. Pkt. 10c. ¼ Oz. 50c.
- 147. Tom Thumb Variety.** 8 inches tall. Wonderful for edging and as pot plants. Choice Mixed. Pkt. 10c. ¼ Oz. 60.

AQUILEGIA (Columbine)

The columbines are among the most beautiful and most popular of all hardy plants. They produce graceful, spurred flowers on long stems, and are valuable for cutting, beds and rockeries.

160. Coerula Hybrids (Long Spurred Columbine). A free flowering showy strain. The flowers have unusually long spurs and most delicate colorings. Pkt. 20c. ¼ Oz. 60c.

- 161. Finest Mixed**Pkt.10c. ¼ Oz.35c.

180. ARABIS (Rock Cross)

Alpina (Grandiflora Superba). A spring essential. It is suitable for the tops of old stone walls, crevices in rocks or as edging plants for bulbs or any of the early flowering plants. Rock Cross grows about 6 inches high and is covered with a sheet of pure white flowers. Pkt. 10c.

190. ARCTOTIS (African Daisy)

Grandis. This beautiful annual, forming a bush 2 to 2½ ft. high is almost indispensable. Its flowers are like a large white daisy with the under side of the petals lilac and the foliage white and downy. They are fine for cutting because of the long stems and long keeping qualities. Pkt. 10c. ¼ Oz. 35c.

195. ASPARAGUS SPRENGERI (Emerald Feather)

One of the most popular and easily grown plants for cut-green and hanging baskets. It is especially ornamental, bearing minute rose-colored flowers in summer and bright red berries in winter. Pkt. 10c. ¼ Oz. 65c.

ASTERS

These are one of the most dependable annuals. Asters thrive in most any soil, but finer plants with larger flowers and longer stems are produced from carefully prepared soil. For early blooms start seed indoors during March and cover the seed about ½ an inch with rich light soil. Be sure to give the seedlings plenty of sunlight. When the plants have 3 or 4 leaves transplant to other boxes, thumb pots or cold-frame—setting them about 2 inches apart each way. After all danger of frost is past set the plants in the open ground so they will stand 18 inches apart. For September and October bloom sow seed in the open ground during May or June and thin out or transplant. Asters need plenty of water and sunshine.

The very best early flowering aster, coming into blossom during July. The large, graceful flowers are borne on long stems, making them especially valuable for cutting.

EARLY FLOWERING ASTERS

Queen of the Market

The very best early flowering aster, coming into blossom during July. The large, graceful flowers are borne on long stems, making them especially valuable for cutting.

- | | | |
|-----------------------|------------------------|---------------------|
| 200. White | 201. Flesh Pink | 202. Crimson |
| 203. Dark Blue | 204. Purple | |

- Any of the above colors.....Pkt.10c. ¼ Oz.45c. Oz.\$1.50.
- 205. Finest Mixed**Pkt.10c. ¼ Oz.40c. Oz.\$1.25.

IMPROVED VICTORIA (Daybreak Type)

This is one of the very best asters for decorative purposes. The plants grow 2 feet high, are strong, bushy, of even growth and very profuse bloomers. The flowers are large, very double, closely imbricated and are borne on long upright stems.

- | | | |
|---------------------------|--|---------------------------|
| 220. White | 221. Daybreak (Delicate La France Pink) | |
| 222. Peach Blossom | 223. Rose | 224. Fiery Scarlet |
| 225. Light Blue | 226. Lavender | 227. Purple Violet |

- Any of the above colors.....Pkt.10c. ¼ Oz.65c. Oz.\$2.25.
- 228. Finest Mixed**Pkt.10c. ¼ Oz.60c. Oz.\$2.00.



Aquilegia

We Pay Postage on Pkts., Ozs. ¼ Lbs. and Lbs.

Early Flowering Asters—Continued

Bolgiano's Giant Comet

These are earliest to produce fine, large chrysanthemum-like flowers; the plants grow 2 feet high and have fine, long stems.

- | | | |
|--|-------------------|------------------|
| 240. White | 241. Light Yellow | 242. Pink |
| 243. Rose | 244. Light Blue | 245. Dark Violet |
| Any of the above colors...Pkt. 10c. ¼ Oz. 45c. Oz. \$1.50. | | |
| 246. Finest Mixed.....Pkt. 10c. ¼ Oz. 40c. Oz. \$1.25. | | |

Mid-Season Flowering Asters

Crego's Giant Comet

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers, five inches and over in diameter. These flowers resemble choice Japanese Chrysanthemums and when cut they keep in good condition longer than any other type. They bloom profusely from August until the end of September.

- | | | |
|--|-----------------|-----------------|
| 260. White. | 261. Shell Pink | 262. Pink |
| 263. Rose | 264. Crimson | 265. Azure Blue |
| 266. Lavender | 267. Purple | |
| Any of the above colors...Pkt. 10c. ¼ Oz. 50c. Oz. \$1.75. | | |
| 268. Finest Mixed.....Pkt. 10c. ¼ Oz. 45c. Oz. \$1.50. | | |

Ostrich Feather

The most artistic and most refined of all Comet Asters. The flowers are large, full and fluffy with long, loosely twisted petals. The plants grow about 2½ feet high and bloom in August.

- | | |
|--|----------------|
| 280. White | 281. Rose Pink |
| 282. Crimson | 283. Dark Blue |
| Any of the above colors.....Pkt. 10c. ¼ Oz. 45c. | |
| 284. Finest Mixed.....Pkt. 10c. ¼ Oz. 40c. | |

Astermums

A name appropriately given a new aster of the Comet type on account of its large, Chrysanthemum-like blooms. The plant is of the branching type, having as many as fifteen long, strong stems, each crowned with a perfectly formed, beautiful flower. The Astermum is well adapted for vase decoration and bouquets.

- | | | |
|--|----------------|---------------|
| 300. White | 301. Rose Pink | 302. Lavender |
| Any of the above colors.....Pkt. 10c. ¼ Oz. 50c. | | |
| 308. Finest Mixed.....Pkt. 10c. ¼ Oz. 45c. | | |



Bolgiano's Giant Comet Aster

Late Flowering Asters

Beauty Asters

The very latest development in Asters. The Beauty is a late flowering, branching Aster with unusually large double flowers borne on long thick stems. Florists will find this type of great value because of their beautifully formed blooms, delicate coloring and exceptional substance—they stand shipment well. The Beauty Asters bloom earlier than any of the late Asters and continue blooming after all others have finished.

- | | |
|---|------------------------------------|
| 320. White Beauty | 321. September Beauty (Flesh Pink) |
| 322. Rose Beauty | 323. Lavender Beauty |
| 324. Purple Beauty | |
| Any of the above colors.....Pkt. 10c. ¼ Oz. \$1.10. | |
| 325. Finest Mixed.....Pkt. 10c. ¼ Oz. \$1.00. | |

American Branching

This is a very fine branching aster, coming into bloom during September. The plants grow 2½ to 3 feet high, are strong and vigorous. The flowers are large (with proper care average 5 inches across) double and beautifully formed. This American Branching Aster is the most valuable of all asters, either for cutting or bedding; besides it stands shipment well and is exceptionally free from disease.

- | | | |
|--|--------------------|--------------|
| 340. White | 341. Peerless Pink | 342. Crimson |
| 343. Lavender | 344. Azure Blue | |
| Any of the above colors.....Pkt. 10c. ¼ Oz. 50c. | | |
| 345. Finest Mixed .....Pkt. 10c. ¼ Oz. 45c. | | |

Aster Novelties

400. Heart of France

The newest and very best ruby-red aster. The plants are of the branching type and grow about 2 feet high. During September and October they bear large, full, rich, ruby-red flowers on long, strong stems. The Heart of France retains its beautiful color until the plants are killed by frost. Pkt. 10c. ¼ Oz. 60c.

401. Lavender Gem

This is the most beautiful, early, delicate lavender aster. It is of the Comet type with large, perfectly double, loosely arranged flowers, which are borne on long, wiry stems. The Lavender Gem begins blooming in July, and is most desirable for cutting. Pkt. 10c. ¼ Oz. 50c.

402. New Fancy Yellow

This is by far the best yellow aster ever introduced. The plants are strong; the flowers large, fully double with well covered centers. Pkt. 10c. ¼ Oz. 75c.



Beauty Aster



Brachycome

HARDY PERENNIAL ASTERS

410. Michaelmas Daisies. These plants are the charm of the late fall garden for they are covered with masses of beautiful delicate flowers during September and October when most of the hardy flowers have finished blooming. They also make an excellent background for earlier flowering plants. Mixed. Pkt. 10c. $\frac{1}{4}$ Oz. 50c.

420. AUBRIETIA (Purple Cross)

Deltoidea grandiflora. Another very valuable early flowering plant. It is excellent for the rockery, sloping banks, wall tops or as an edging plant for spring flowering bulbs or other plants. Rock Cross grows about 6 inches tall and forms a perfect cascade of lavender blue color. Pkt. 20c.

430. BALLOON VINE (Love-in-a-Puff)

A graceful, rapid-growing climber, with small white flowers and curious balloon-shaped seed vessels. This vine is of particular interest to children, as the "Puff" or inflated seed vessel contains black seed, each marked with a white heart-shaped spot. Pkt. 10c. $\frac{1}{4}$ Oz. 15c.

450. BALSAM (Lady Slipper)

A dainty, old-fashioned annual, suitable for beds and borders. The flowers are vividly colored and rose-like in shape. These blooms make a charming table decoration, when cut from the stalk and placed in a low glass bowl so they can float on the surface of the water. Pkt. 10c. $\frac{1}{4}$ Oz. 25c. Oz. 75c.

460. BALSAM APPLE (Momordica)

A quick-growing, ornamental climber with beautiful foliage and bright orange-colored fruit, which resembles an apple. The fruit opens when ripe, disclosing its seeds and red interior. Pkt. 10c. $\frac{1}{2}$ Oz. 30c. Oz. 50c.

470. BARTONIA AUREA (Golden Bartonia)

A beautiful annual, excellent for borders and beds. The flowers are golden-yellow with a metallic lustre, contrasting in a pleasing manner the gray thistle-like foliage. Pkt. 10c. $\frac{1}{4}$ Oz. 35c.

480. BEGONIA (Tuberous Rooted)

An excellent bedding plant of hardy growth, flowering profusely from May until frost. Begonias are especially attractive as pot plants for winter flowering, being completely covered with blooms throughout the entire year. Mixed Pkts. 20c. & 50c.

490. BELLIS PERENNIS (True or English Daisy)

A spring flowering perennial, easily grown from seed. The flowers are daisy-like in appearance and are beautiful for cutting and for beds. Finest mixed. Pkt. 10c. $\frac{1}{8}$ Oz. 45c.

500. BRACHYCOME IBERIDIFLOIA (Swan River Daisy)

A free-flowering, dwarf-growing annual, suitable for edging or pot culture. This is a lovely plant resembling the cineraria and deserves to be better known. Pkt. 10c. $\frac{1}{8}$ Oz. 25c.

510. BROWALLIA (Amethyst)

Elata Mixed. One of our old favorites because of their beautiful rich shades of blue and profuseness of bloom. They are effective as bedding plants all summer and fall and can be lifted before the first frost and potted for conservatory or window garden use all winter. Pkt. 10c. $\frac{1}{4}$ Oz. 45c.

CALENDULA. (Pot Marigold)

A free tree-flowering, dwarf annual suitable for beds, mixed borders or pot culture. These flowers exhibit every shade of yellow from ivory to the deepest orange. Desirable for cut flowers.

520. Orange King. Rich, dark orange, double flowers, averaging 3 inches across. An exceptionally fine strain. . . . Pkt. 10c Oz. 40c.

521. Lemon Queen. Like the Orange King in beauty, size and shape but the color is a rich lemon shade instead of orange. Most attractive when combined with the Orange King. Pkt. 10c. $\frac{1}{4}$ Oz. 40c.

522. Meteor. Large double flowers, striped orange and cream Pkt. 10c. Oz. 30c.

523. Double Mixed. All choice varieties. Pkt. 10c. Oz. 25c.

CALLIOPSIS

Attractive, free-flowering annual; excellent for massing or cutting. The flowers are long-stemmed, graceful and of a deep yellow color, combined in some varieties with rich maroon and in others with velvety brown. Easily cultivated.

540. Golden Wave. (Drummondii). Rich, golden-yellow flowers with brown centers. 12 inches high Pkt. 10c. $\frac{1}{4}$ Oz. 20c. Oz. 60c.

541. Tall Double Varieties Mixed. Pkt. 10c. $\frac{1}{2}$ Oz. 20c. Oz. 30c.

542. Tall Single Varieties Mixed. Pkt. 10c. Oz. 35c.

543. Dwarf Varieties Mixed. Pkt. 10c. $\frac{1}{4}$ Oz. 20c. Oz. 60c.



Calendula

560. CAMPANULA MEDIUM (Canterbury Bells)

A very beautiful, old-fashioned, stately biennial, bearing bell-shaped flowers in great profusion. It is suitable for beds and backgrounds. All colors mixed. Pkt. 10c. ¼ Oz. 25c.

561. CAMPANULA CALYCANTHEMA (Cup and Saucer Canterbury Bells)

This is the finest type of the old-fashioned bell flower. It differs from the ordinary Canterbury Bell in having an enlarged, spreading, petal-like outer part which forms the saucer to the cup. Pkts. 10c. and 20c.

570. CANARY BIRD VINE (Tropæolum canariense)

A rapid growing climber attaining a height of 10 to 15 feet. Attractive for trellises, porch boxes or hanging baskets. It grows in the most graceful manner, producing beautiful leaves and hundreds of golden-yellow flowers which resemble canary birds with expanded wings. Pkt. 10c. Oz. 40c.

CANDYTUFT (Iberis umbellata)

A profusely blooming, easily cultivated plant 12 to 15 inches high. The fragrant flowers are very desirable for borders, beds, rockeries, and for cutting. They bloom all season.

- 580. White 581. Rose Cardinal 582. Crimson 583. Lilac
- Any of the above colors.....Pkt. 10c. Oz. 40c.
- 584. Finest MixedPkt. 10c. Oz. 30c.

Hardy Candytuft (Iberis)

590. Sempervirens. A splendid early flowering edging or rockery plant. Its flowers are white and its foliage evergreen. Pkt. 10c. ½ oz. 50c.

600. CANNA

A very ornamental plant with broad green or bronze leaves and large clusters of brilliantly colored flowers. The plant has a rich, semi-tropical appearance and is very effective in groups or masses. Soak seeds in warm water for about 24 hours (or until they swell) before sowing, this will hasten germination. Giant Flowered Mixed. Pkt. 10c. Oz. 30c.

610. CARDINAL CLIMBER

A most attractive, rapid-growing vine, attaining a height of 20 to 30 feet, with fern-like foliage and countless numbers of small scarlet flowers. It does well in a warm, sunny location and good, rich soil. Pkts. 10c and 25c. ¼ Oz. 75c.



Canterbury Bells

CARNATION

General favorites for their delightful fragrance and richness of colors. They are hardy, free-flowering and easily grown. They do well in the garden during summer and in the greenhouse in winter.

Chabaud's Giant Double. Blooms in five months after seed is sown and continues to produce large, double, beautiful flowers throughout the entire season.

620. White

621. Yellow

622. Scarlet

- Any of the above colors.....Pkt. 10c. & 20c. ¼ Oz. \$1.25.
- 623. Finest MixedPkt. 10c. & 20c. ¼ Oz. \$1.20.



Bachelor's Buttons

624. Marguerite. Blooms in four months; flowers very large. A most satisfactory annual. Finest Mixed. Pkt. 10c. ¼ Oz. 45c. Oz. \$1.35.

640. CELOSIA CRISTATA (Cockscomb)

A popular garden annual grown for its showy, velvety, cockscomb-like flower heads and green foliage. It makes a charming border plant. Dwarf Mixed. Pkt. 10c. ¼ Oz. 40c. Oz. \$1.50.

645. CELOSIA PLUMOSA (Princess Feather)

An attractive plant for beds and borders. The plumes or flowers, which are produced on long stems, may be cut and dried for winter bouquets. Finest Mixed. Pkt. 10c. ¼ Oz. 30c. Oz. 90c.

CELOSIA CHILDSI (Chinese Wool Flower)

A splendid decorative plant with large, ball-shaped flowers, resembling a ball of wool. The plant grows about 2 feet high, branches freely and keeps blooming all fall until finally killed by frost.

- 650. CrimsonPkt. 10c. ¼ Oz. 60c.
- 651. Finest MixedPkt. 10c. ¼ Oz. 50c.

660. CENTAUREA CANDIDISSIMA (Dusty Miller)

A little plant used exclusively for borders of flower gardens and edges of beds. Its leaves are silvery gray and form a pleasing contrast when planted with brilliantly colored flowers. Pkt. 10c. ¼ Oz. 65c.

CENTAUREA CYANUS (Corn Flower or Bachelor's Button)

A graceful, old-fashioned plant, which blooms freely throughout the entire summer and usually re-seeds itself. They will grow in most any soil and are in great demand as cut flowers.

- 665. Blue. Large double flowers of a rich shade of bluePkt. 10c. Oz. 60c.
- 666. Finest MixedPkt. 10c. Oz. 50c.

670. **CENTAUREA IMPERIALIS (Sweet Sultan)**

These charming thistle-like flowers are borne on long, strong stems and are excellent for cutting. They keep fresh for a long time and are very fragrant. Finest Mixed. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

675. **Centaurea Americana (Basketflower)**

A beautiful native variety growing about 3 feet high and producing large rosy lavender thistle-like flowers. Useful for the mixed border and for cutting. Pkt. 10c. ¼ Oz. 30c.

Centaurea Suaveolens

680. **Yellow Sweet Sultan or Grecian Cornflower.** A most attractive plant bearing large bright yellow, sweetly scented flowers. Fine for cutting purposes. Pkt. 10c. ¼ Oz. 30c.

Centaurea Montana

685. **Perennial Cornflower.** This is a beautiful little perennial plant growing 2 feet tall and producing large violet-blue flowers from July to September. Pkt. 10c. ¼ Oz. 40c.

CHRYSANTHEMUM (Annual Varieties)

A free summer flowering, showy, daisy-like flower which should not be confused with the winter variety sold by florists. Very attractive for bedding, borders, pot culture and for cutting. For larger and more prolific blooms sow seed early in a hotbed or cold frame and transplant to the open ground as soon as the soil has become thoroughly warmed. Set plants 10 to 12 inches apart.

Single Varieties

- 690. **Evening Star.** Rich yellow, the disc somewhat deeper yellowPkt. 10c. Oz. 40c.
- 691. **Morning Star.** Petals canary-yellow disc somewhat deeper yellowPkt. 10c. Oz. 40c.
- 692. **Burridgeanum.** Pure white petals with a zone of rich brownish red and inner zone of yellow surrounding the dark brown disc. Pkt. 10c. Oz. 40c.
- 693. **Single Mixed.** 1 to 1½ ft. tall.....Pkt. 10c. Oz. 40c.

Double Varieties

- 700. **Inodorum pleniissimum.** An excellent pure white fully double, loosely arranged flower. By pinching off some of the buds, larger flowers will result. It blooms from mid-summer to late autumn and is most artistic and beautiful for bouquets. Pkt. 10c. ¼ Oz. 40c.
- 705. **White Pearl.** Tall double; pure white.....Pkt. 10c. Oz. 40c.
- 706. **Golden Queen.** Dwarf double; golden yellow.....Pkt. 10c. ¼ Oz. 20c. Oz. 60c.
- 707. **Double Mixed.** 3 to 4 ft. tall.....Pkt. 10c. Oz. 40c.
- 710. **Chrysanthemum.** Japanese hybrids. Perennial. Hardy plants for permanent borders and gardens, compact brushes, 1½ to 2 feet. Splendid for cut flowers. Pkt. 10c. and 20c.

CHRYSANTHEMUM LEUCANTHEMUM (Shasta Daisy)

720. A large flowering, single, white, hardy daisy. It has long been considered one of our finest perennials for permanent garden decoration. Plants grow 2 to 2½ ft. high. Pkt. 10c. ¼ Oz. 60c.

CLARKIA

730. **Elegans.** This beautiful annual should be more widely known. It thrives well in any warm, light soil, reaches a height of from 2 to 3 feet and bears its showy flowers in long, loose sprays. It is useful for low massing or for edgings; also baskets and vases. Clarkia blooms from midsummer to late autumn and its colors are white, salmon, scarlet and purple. Pkt. 10c. ¼ Oz. 35c.

740. CLEMATIS PANICULATA

Well known hardy perennial climber. Desirable for covering arbors, verandas, etc., as they cling to almost any object. The foliage is glossy green and white star-shaped flowers practically cover the entire vine. Pkt. 10c. ¼ Oz. 30c. Oz. 90c.

750. CLEOME (Giant Spider Plant)

Pungens gigantea. Rose Queen. A most important plant for large beds or for planting amongst shrubbery. It grows 3 to 4 feet high, branches freely and produces a large flower head at the top of each branch. The separate flowers are interesting because of their long purple, spidery stamens and showy rose-colored petals. Pkt. 10c. ¼ Oz. 30c.

COBEA SCANDENS (Cup and Saucer Vine)

A climber of rapid growth with beautiful foliage and large bell-shaped flowers. The plant grows 20 to 30 feet in a season.

- 760. **White Flowered**Pkt. 10c. ¼ Oz. 30c. Oz. \$1.00.
- 761. **Blue Flowered**Pkt. 10c. ¼ Oz. 20c. Oz. 70c.

770. COIX LACHRYMÆ (Job's Tears)

A strong, broad-leaved, ornamental grass with large, shiny, pearly seeds. The seeds are often used for beads. Pkt. 10c. Oz. 20c. ¼ lb. 60c.



Annual Chrysanthemums

780. COLEUS

A favorite bedding and house plant useful for its beautiful vari-colored, ornamental foliage. The leaves are finely marbled and spotted and range in color from a light yellow to a very deep red. Pkts. 10c. and 50c.

790. CONVULVULUS MINOR (Dwarf Morning Glory)

Fine, bushy, free-flowering plants, growing 12 inches high. The flowers remain open all day in good weather and come in various rich colors. Splendid for beds and borders. Pkt. 10c. Oz. 20c.

800. COREOPSIS LANCEOLATA GRANDIFLORA (Harvest Moon)

One of the finest, hardiest garden plants, forming bushes 2 to 3 feet high. Each plant bears quantities of long stemmed, large, single yellow flowers throughout the summer. Lovely for cut flowers. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

COSMOS

One of the finest Fall plants with attractive, feathery foliage and bright daisy-like flowers. It is a vigorous, tall-growing annual and most effective when planted in broad masses or along background borders against evergreens or fences. The flowers are borne in great profusion.

Extra Early Mammoth Flowering. Plants 4 feet high, blooms during July.

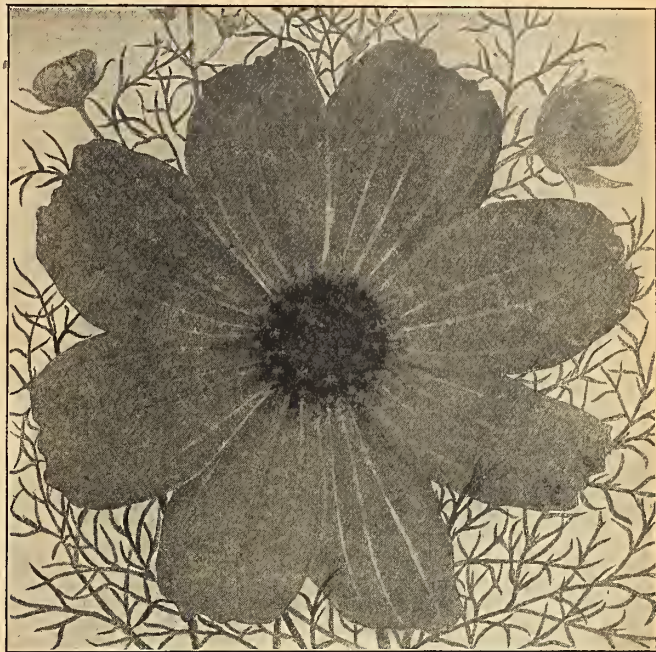
810. White **811. Pink** **812. Crimson**

Any of the above colors...Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

813. Finest MixedPkt. 10c. ¼ Oz. 20c. Oz. 60c.

817. Late Mammoth Flowering. Plants 5 to 8 feet high, blooms during October. Finest Mixed. Pkt. 10c. Oz. 40c.

Extra Early Double Crested Cosmos. The flowers are large with fully double centers and an outer row of broad ray-petals. The best cosmos for cut flowers.



Bolgiano's Extra Early Giant Flowering Cosmos

818. White Queen. Glistening white...Pkt. 10c. ¼ Oz. \$1.00.

819. Pink Beauty. Beautiful, soft rose-pinkPkt. 10c. ¼ Oz. \$1.00.

820. Crimson King. Rich crimson....Pkt. 10c. ¼ Oz. \$1.00.

821. Finest MixedPkt. 10c. ¼ Oz. 85c.

822. Klondyke. Large golden yellow flowers 2½ to 3½ inches in diameter....Pkt. 10c. ¼ Oz. 50c.

840. CYCLAMEN PERSICUM (Alpine Violet)

Lovely plants for the house, blooming in the winter and spring. The flowers are beautiful and in a great variety of rich colors.

Finest MixedPkts. 10c. & 50c.

CYPRESS VINE

A beautiful rapid-growing vine with star-shaped blossoms. Its foliage is of a rich green color, very graceful, delicate and fern-like. A lovely vine for ornamental purposes.

850. ScarletPkt. 10c. Oz. 50c.

851. WhitePkt. 10c. Oz. 50c.

852. Finest MixedPkt. 10c. Oz. 40c.

DAHLIA

A very popular flower in a variety of lovely colors. Dahlias can be raised from seed and will bloom the first year (a fact not generally known).

860. Double Large Flowering Mixed. Seeds from fine double sorts, various colors.....Pkt. 10c. ¼ Oz. 65c.

861. Cactus Flowered Mixed. A desirable, graceful typePkt. 10c. ¼ Oz. 85c.

862. Peony Flowered Mixed. Mammoth, semi-double flowersPkt. 10c. ¼ Oz. 85c.

DELPHINIUM (Hardy Larkspur)

A charming dignified plant growing 5 to 8 feet tall and producing beautiful flowers on spikes over 2 feet long. It is especially valuable for its splendid blues—a color comparatively rare in cultivated plants. Keep faded flower stalks cut down, this will encourage the plants to bloom a second time during the season. Delphiniums are unsurpassed for mixed borders and cut flowers.

870. Belladonna. Large perfect spikes of clear turquoise blue flowers. Pkt. 20c.

871. Bellamosum. Rich deep blue flowers. Pkt. 20c.

872. Gold Medal Hybrids. A mixture of the most gorgeous Delphiniums. The large graceful flowers are borne on spikes over 2 feet long. Pkt. 20c.



Delphinium Gold Medal Hybrids

1000. GERANIUM

Well known plant for garden or pot culture. Flowering from seed the first season if sown early. Brilliant colors mixed. Pkts., 10c and 20c.

1020. GODETIA (Satin Flower)

A most attractive, bushy little annual plant, bearing brightly colored flowers of a satiny texture. The plants bloom profusely and are very effective in gardens. Choice Mixed. Pkt 10c ¼ Oz. 20c.

1030. GOMPHRENA (Globe Amaranth)

This everlasting is popularly known as Bachelor's Button. The white, rose and purple-colored flowers' heads look like those of red clover. It is an excellent flower for bedding or dried for the winter bouquet. Cut before the flowers are fully matured and hang up to dry. Pkt. 10c. ¼ Oz. 25c

1040. GOURDS

Annual climbers, rapid growers, 20 to 25 feet high. The vines bear ornamental fruit in most peculiar shapes. Very suitable for covering arbors, fences and trellises. Mixed. Pkt. 10c. Oz. 25c.

GYPSOPHILA (Baby's Breath)

Delicate, graceful little plants with small flowers. Much in demand for cutting and combining with other flowers for bouquets and vases.

1050. Elegans alba Grandiflora. A large flowering annual white variety. Several sowings should be made a season.....Pkt. 10c. Oz. 30c.

1051. Elegans Rosea. An annual form with delicate pink flowers.....Pkt. 10c. Oz. 30c.

1052. Paniculata. This is a perennial white Baby's Breath. It blooms the first year from seed if planted early.....Pkt. 10c. ¼ Oz. 30c.



Geranium

HELENIUM (Sneeze Wort)

1070. Autumnale Superbum. Another favorite for the hardy border. It thrives well in most any soil, reaches a height of 5 to 6 feet and is covered with a wealth of golden yellow flowers, resembling Coreopsis, during the late summer and fall months. Excellent for cut flowers. Pkt. 10c. ½ Oz. 45.

HELIANTHUS (Sunflowers)

These old-fashioned stately plants are especially valuable for backgrounds. They grow tall, make a dense growth and are often used for a screen to hide unsightly places. Their bright yellow flowers last for a long time.

1080. Stella (Miniature Sunflower). Plants grow 3 feet high with many spreading branches. Their large single golden-yellow flowers with black centers are excellent for cutting. Pkt. 10c. ¼ Oz. 20c.

1081. Double Chrysanthemum Flowered. Plants grow 7 feet tall and produce large double flowers from 7 to 11 inches in diameter. These flowers are a rich golden yellow with fringed petals which closely resemble the chrysanthemum. Pkt. 10c. ¼ Oz. 20c.

1082. Augustiflora Autumn Glory. These are perennial and most attractive autumn flowers. They bloom in September, the plants being covered with a mass of yellow flowers with black eyes. Pkt 10c ¼ Oz 45c.

1090. HELICHRYSUM (Straw Flower)

Attractive for beds and borders, but especially grown to dry and use in vases and baskets throughout the winter. Double everlasting flowers in shades of yellow, white, red, dark blue, etc. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1100. HELIOTROPE

A half hardy perennial plant 1 to 2 feet high, useful for borders, bedding and cut flowers. The flowers grow in bright branching clusters and are of exquisite fragrance. Pkt. 10c. ¼ Oz. 75c.

1110. HEUCHERA (Coral Bells or Alum Root)

Sanguinea. This is one of our most beautiful perennials. It grows two feet high and produces long sprays of small, coral-red, dainty, bell-shaped flowers. It is desirable for the hardy border or rockery, where it blooms from spring to late fall. Coral Bells are useful to florists for cut flowers. Pkt. 20c.

HOLLYHOCKS

A charming, old-fashioned plant, very desirable for hedges and backgrounds on account of its beautifully colored flowers and stately appearance.

Chater's Superb Double

- | | | |
|--|---------------------------|---------------------|
| 1130. White | 1131. Newport Pink | 1132. Yellow |
| 1133. Rose | 1134. Crimson | 1135. Maroon |
| Any of the above colors.....Pkt 10c. ¼ Oz. 45c. | | |
| 1136. Finest Double Mixed .....Pkt. 10c. ¼ Oz. 40c. | | |
| 1145. Single Mixed .....Pkt. 10c. ¼ Oz. 35c. | | |



Superb Double Hollyhock

**1120. HIBISCUS (Marshmallow)**

A hardy annual of easiest culture, with beautiful, large, single flowers. Very effective among low growing shrubs. Finest Mixed. Pkt. 10c. ¼ Oz. 25c.

HUNNEMANNIA**Giant Yellow Tulip Poppy or Bush Eschscholtzia)**

1160. Fumariæfolia. This is by far the best of the poppy family for cutting purposes, the flowers keeping fresh in water for over a week. These bushy plants with beautiful, feathery, glaucous foliage are covered with large, clear, bright yellow, cup-shaped flowers from July until frost. Pkt. 10c. ¼ Oz. 25c.

IPOMEA**Morning Glory (Japanese)**

1170. An easily cultivated, rapid-growing climber, suitable for arbors and trellises. The flowers are of a variety of beautiful colors, white, shades of blue and red, striped and bordered effect. Pkt. 10c. Oz. 20c. ¼ Lb. 60c.

1171. Frilled and Fancy Morning Glory.

The most beautiful of all vari-colored morning glories Pkt. 10c. Oz. 30c. ¼ Lb. 90c.

1172. Heavenly Blue. Immense flowers of a clear sky blue color. A perfect beauty..... Pkt. 10c. ¼ Oz. 30c.

Moon Flowers

1175. Grandiflora. One of the most vigorous summer climbers, growing 30 to 40 feet in a season. The foliage is large and luxuriant, affording dense shade for porches. The flowers are white, very large and saucer-shaped; opening every evening and cloudy day. Pkt. 10c. Oz. 50c.

1176. Bona Nox. (Evening Glory). Violet blue flowers similar to the white Moon Flower but not quite so large. Pkt. 10c. Oz. 30c.

1190. KOCHIA TRICHOPHYLLA (Mexican Fire Plant)

An old-fashioned, popular annual sometimes known as Belvidere, Mock Cypress, Mexican Fire Plant, etc. It is easily grown from seed, forming oval bushes 2 to 2½ feet high with dense feathery foliage. This foliage deepens in color as the summer advances until the whole plant assumes a fiery crimson hue. Pkts. 10c. ¼ Oz. 25c.

1200. KUDZU VINE

A twining vine of remarkably rapid growth, attaining a length of 40 to 50 feet in one season. Foliage large and lobed; purple, sweet pea-like flowers in clusters, borne late in the season. A vine for arbors, verandas, etc. Easily grown from seed. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1210. LANTANA

A small well-known shrubby plant with clusters of verbena-like flowers of orange, rose, white, etc. Flowers very freely and can be potted for winter blooming. Pkt. 10c. ¼ Oz. 30c.

LARKSPUR (Delphinium ajacis)

A delightful annual for bedding, borders and cut flowers. The flowers grow in graceful racemes and are especially valuable on account of their rich blues. Other colors—white, pink and red.

Double Stock Flowered

1220. White **1221. Lilac** **1222. Flesh** **1223. Rose** **1224. Carmine** **1225. Light Blue** **1226. Dark Blue**
Any of the above colors..... Pkt. 10c. ¼ Oz. 25c. Oz. 75c.
1227. Finest mixed Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

1240. LATHYRUS LATIFOLIUS (Hardy Everlasting Peas)

These climb 6 or 8 feet when trained on a trellis. The flowers are borne in large clusters and resemble the sweet pea. They are peculiarly adapted to rough places, to scramble over rocks or bushes. Splendid for cut flowers. Mixed colors. Pkt. 10c. Oz. 60c.

LAVATERA (Annual Mallow)

1250. Trimestris Grandiflora Rosea. A most attractive, showy annual, forming a bush 3 to 6 feet high. It is covered all summer long, with large, pink, funnel-shaped flowers and is suitable for the back of a border, beds or as a hedge plant. Sow two or three seeds three feet apart and thin out to one plant. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

LINARIA

1260. Cymbalaria (Kenilworth Ivy or Mother-of-Thousands). One of our most popular trailing perennial vines suitable for baskets or rockeries. It blooms continuously, being covered with small lilac-blue flowers with yellow throats. Pkt. 10c. ¼ Oz. 60c.

LINUM (Flax)

1270. Grandiflorum Rubrum (Scarlet Flax). One of the most brilliantly colored annuals. The plant grows from 1 to 2 feet tall and produces quantities of bright red flowers resembling single flowered pinks. When grown in a sunny place, it is highly ornamental and most satisfactory plant for beds or edgings. Pkt. 10c. Oz. 40c.

1271. Perenne. A graceful, branching perennial plant with bright blue flowers. It grows about 2 feet high and is valuable for the hardy border. Pkt. 10c. ¼ Oz. 25c.

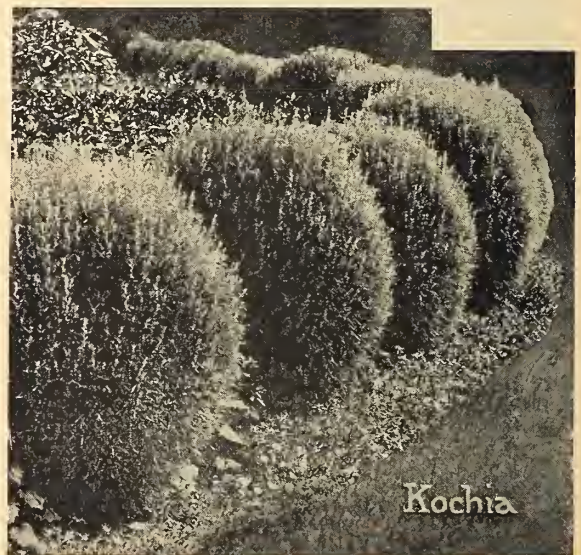
LOBELIA

Charming little plants of delicate beauty, suitable for hanging baskets, edging or pot culture. They bloom continually from June to November.

1280. Crystal Palace Compacta. The very best bedding variety; rich dark blue; four inches high. Pkt. 10c. ¼ Oz. 50c

1281. Gracilis. Trailing habit; suitable for hanging baskets, vases, etc. Flowers dark blue. Pkt. 10c. ¼ Oz. 25c.

1282. Cardinalis (Indian Pink or Cardinal Flower). A hardy perennial plant growing 3 feet tall. It thrives best in a moist slightly shaded position. The flowers are a rich dazzling crimson and the foliage a bright green. Pkt. 10c. & 20c.



LUPINUS (Lupine)

1290. Hartwegii. A very attractive plant with beautiful foliage and long spikes of blossoms, resembling those of the sweet pea. The plant attains a height of 3 ft. and forms a pleasing background for other flowers. Desirable for cut flowers. Mixed colors. Pkt. 10c. Oz. 30c.

1295. Polyphyllus. A perennial plant growing 3 feet tall and producing graceful spikes of flowers. It does well in most any soil but prefers a little shade. Excellent for the hardy border and cutting. Finest Mixed. Pkt. 10c. Oz. 40c.

LYCHNIS (Rose Campion)

1300. Haageana. A beautiful little perennial plant growing about 12 inches high and producing large clusters of orange-red, scarlet or crimson flowers. Splendid for massing in beds and borders. Pkt. 10c.

MARIGOLD

"The marigold abroad her leaves doth spread,
Because the sun's and her power is the same."

An old-fashioned, free-flowering annual of easy culture.

African Tall Double

1310. Orange Ball. Large, double, quilled flowers of a deep orange color. The very best African varietyPkt. 10c. ¼ Oz. 35c. Oz. \$1.00.

1311. Lemon Ball. Immense double flowers of a deep lemon color, splendid when contrasted with the Orange BallPkt. 10c. ¼ Oz. 35c. Oz. \$1.00.

1312. Finest MixedPkt. 10c. ¼ Oz. 25c. Oz. 75c.

1313. African Dwarf Double

Immense golden yellow flowers. Compact dwarf habit, forming dense bushes. Finest mixed varieties. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1314. French Tall Double

Large bushes covered with a multitude of double flowers. Mixed shades. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1315. French Dwarf Double

Extremely effective for beds and borders. They flower from early spring until late fall. Plants 12 inches high. Finest Mixed. Pkt. 10c. ¼ Oz. 20c. Oz. 60c

1316. Legion of Honor (Little Brownie)

A single-flowering marigold forming compact bushes about 9 inches high. It begins to bloom in June and continues until frost. The flowers are bright golden-yellow, marked with a large blotch of velvety crimson at the base of each petal. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

MATRICARIA

1330. Capensis alba (Double White Feverfew). A handsome plant producing all season multitudes of small double pure white flowers in dense clusters. Excellent for cutting. Pkt. 10c. ¼ Oz. 25c.

1340. MATTHIOLA BICORNIS

An old-fashioned, easily grown annual, suitable for edging, bedding, pot culture and cutting. The flowers are a purplish lilac, and very fragrant. Pkt. 10c. ¼ Oz. 25c.

MESEMBRYANTHEMUM

1350. Crystallinum (Ice Plant). A dwarf, annual, trailing plant with small white flowers. Its foliage is covered with glistening dots or elevations, which make the plant highly ornamental for window gardens and hanging baskets. Pkt. 10c. ¼ Oz. 20c.

MIGNONETTE

No garden is complete without this fragrant, modest-colored flower. Mignonette can be had in bloom at almost any time during the year. The flowers grow closely together in cone-shaped spikes. Splendid in bouquets of more pretentious flowers.

1360. Machet. The best variety, flowers lasting until late in the fall. Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1361. Mammoth Flowering. Unusually large flower headsPkt. 10c. ¼ Oz. 25c. Oz. 75c.

1370. MIRABILIS (Marvel of Peru, Four O'Clock)

An old-fashioned, quick-growing plant producing brilliantly colored flowers, which open around 4 o'clock in the afternoon. It is very useful for borders or hedges. Pkt. 10c. Oz. 25c.

MYOSOTIS (Forget-Me-Not)

These dainty little perennial plants with their charming blue flowers are very effective for mass planting, ground covers for spring flowering bulbs, borders and as house plants. They are easily grown and combine most attractively with other flowers.

1380. Alpestris. Rich indigo blue flowers. Pkt. 10c. ¼ Oz. 40c.

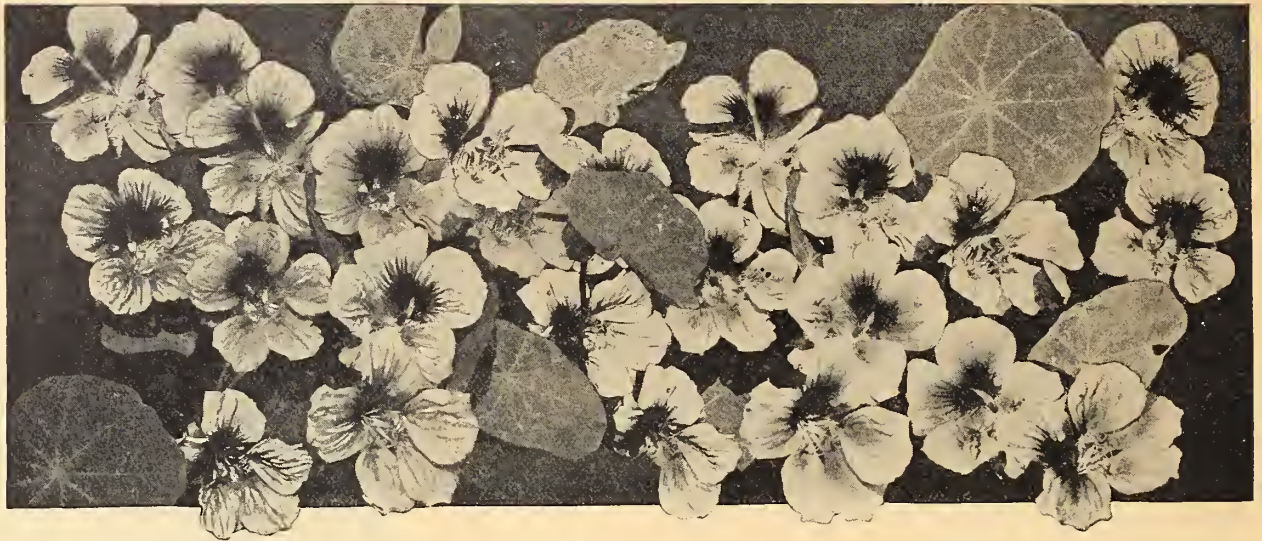
1381. Palustris Semperflorens. An everblooming variety with large sprays of clear blue delicate flowers. They bloom continuously from May till frost. Pkt. 20c. ¼ Oz. 75c.



Tall African



Mignonette Mammoth Flowering



Bolgiano's Giant Flowering Nasturtiums

NASTURTIIUMS

Make your garden bloom with a gorgeous profusion of flowers by planting nasturtiums. No other annual yields such large returns for so little time and labor. They are suitable for bedding, edging and cut flowers.

Dwarf Giant Flowering

- 1390. **Beauty.** Yellow spotted scarlet.
- 1391. **Cloth of Gold.** Scarlet flowers with yellow foliage.
- 1392. **Empress of India.** Deep crimson flowers, dark green foliage.
- 1393. **French Chameleon.** Produces combination of red and yellow flowers on the same plant.
- 1394. **King of Tom Thumbs.** Deep scarlet flowers with dark green leaves.
- 1395. **King Theodore.** Beautiful dark maroon flowers with dark green foliage.
- 1396. **Pearl Amber.** White flowers.
- 1397. **Prince Henry.** Pale yellow flowers spotted and tipped red.
- 1398. **Queen of Tom Thumbs.** Giant crimson flowers with variegated green and white foliage.
- 1399. **Rose.** Soft carmine rose.
- 1400. **Ruby King.** Giant red flowers.
- 1401. **Spotted or Lady Bird.** Golden yellow, spotted cardinal red, calyx and spur ruby colored.

Any of the above Dwarf Sorts: Pkt. 10c. Oz. 20c. $\frac{1}{4}$ Lb. 60c.

1405. **Finest Mixed.** Pkt. 10c. Oz. 15c. $\frac{1}{4}$ Lb. 50c. Lb. \$1.50.

Tall or Climbing Nasturtiums

1415. **Finest Mixed.** Pkt. 10c. Oz. 15c. $\frac{1}{4}$ Lb. 40c. Lb. \$1.20.

1420. NEMOPHILA. (Baby Eyes)

A splendid annual for garden decoration with bright colored bell-shaped flowers growing in great profusion. Excellent for beds, borders and cut flowers. Pkt. 10c. Oz. 30c.

NICOTIANA (Sweet Scented Tobacco)

Beautiful star-shaped flowers on long graceful stems. Desirable for bedding and background for lower growing plants. It blooms continually and is extremely fragrant.

1430. **Affinis.** Large white sweet scented flowers opening morning and evening. Pkt. 10c. $\frac{1}{4}$ Oz. 25c. Oz. 75c.

1431. **Sanderæ Hybrids.** A beautiful bushy plant growing 2 feet high. It is laden with pink blossoms from early summer until late fall. The flowers remain open all day. Pkt. 10c. $\frac{1}{4}$ Oz. 30c. Oz. 90c.

1440. NIGELLA (Love in the Mist or Devil in the Bush)

Miss Jekyll. A compact, free-flowering plant with attractive feathery foliage and dainty blue flowers. The seed pods are very ornamental and curious. Pkt. 10c. $\frac{1}{4}$ Oz. 25c.

1450. OENOTHERA (Evening Primrose)

Youngii. An excellent perennial plant for borders and rockeries. It grows 2 feet tall and produces quantities of bright lemon-yellow fragrant flowers. Pkts. 10c. & 20c.

OXALIS

1460. **Rosea.** Splendid free-flowering plants with clover-like leaves and small star-shaped pink flowers. It blooms continuously from June until frost and is especially valuable for window boxes and hanging baskets. Pkt. 10c. $\frac{1}{4}$ Oz. 50c.

PHYSALIS (Chinese Lantern Plant)

1560. **Francheti.** This highly ornamental plant is beginning to be very well known, through its use by florists and decorators in winter bouquets. It should be given an early start indoors in order to mature its gorgeous orange scarlet lanterns, or seed vessels before frost. The plant grows about 2 feet tall and is most interesting. Pkt. 10c. $\frac{1}{4}$ Oz. 35c.

PHYSOSTEGIA (False Dragon Head)

1570. **Virginica.** One of the most beautiful plants for the hardy border, in fact it is almost indispensable. The plant grows 4 feet high and produces long spikes of delicate, pink flowers from July to frost. Pkt. 10c.

PLATYCODON

(Japanese Bellflower or Balloon Flower)

1580. **Grandiflorum.** Another valuable plant for the middle of the perennial border or among shrubbery. It forms a large clump 2 ft. high which blooms continuously from May to October. The flowers are a delicate blue color. In the autumn, when clearing off the border do not cut away the old stems of Platycodon, but let the plant die off naturally, otherwise the buds of next year's bloom may be injured. Pkt. 10c.

PANSIES

The most popular flower of the garden; everyone loves pansies. No flower responds more quickly to careful attention than does this one and it should be the desire of every gardener to grow large pansies with long strong stems and a wide range of color. To get the best results pansies should be sown in July or August for early spring bloom and in the spring for fall bloom. The soil needs to be deeply dug, well enriched with leaf mold and decayed cow manure and finely pulverized. Sow the seed in drills about $\frac{1}{4}$ of an inch deep and firm and the soil well above them. Pansy seed germinates in about 10 to 12 days. Be sure not to let them dry out during this stage of development, for this more than any other one reason is the cause of failure with pansies. A good plan is to cover the seed plot with old sacking or newspaper until the seedlings appear, this will prevent drying out and also hasten germination. When the plants are a fair size, thin out or transplant allowing 8 to 9 inches between each plant. Keep all faded flowers cut off, so the strength of the plant will go to producing a greater abundance of bloom. During the summer when the plants become straggly and the flowers small, cut back the plants for with less foliage to support they will produce another crop of large, beautiful pansies for the fall.



Triumph of the Giants

GIANT PANSIES IN MIXTURE

1470. Mastodon. The finest pansies obtainable anywhere—they are favorites with florists. This type is noted for its beautiful colorings, unusual size and substance, large, curled, wavy petals and long stems. Pkt. 50c and \$1.00.

1471. Giant Ruffled Masterpiece Imperial. Beautiful pansies, blotched, ruffled and curled; many gorgeous colors. Very popular. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.75. Oz. \$6.00.

1472. Mme. Perret. A new strain, flowers large and in a great many unusual colorings. Especially rich in red and wine shades. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.00. Oz. \$3.50.

1473. Triumph of the Giants. A splendid mixture of unusually large pansies. Pkt. 10c. $\frac{1}{4}$ Oz. \$2.00. Oz. \$7.00.

1474. Superb Mixture of the Odier, Cassier and Bugnot Strains. This is one of the most beautiful mixtures of pansies in the world. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.75. Oz. \$6.00.

1475. Trimardeau Parisian—Large Strained. Immense beautiful flowers. All colors mixed. Pkt. 10c. $\frac{1}{4}$ Oz. 90c. Oz. \$3.00.

1476. Bolgiano's Finest Mixed Giant Pansies. This mixture of startling beauties is so well known that description is hardly necessary. If you want a perfect dream of beauty, try this mixture. Pkt. 10c. $\frac{1}{4}$ Oz. 65c. Oz. \$2.25.

Separate Colors

1480. Giant Adonis. A beautiful soft lavender blue. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.00. Oz. \$3.50.

1481. Giant Lord Beaconfield. Lower petals a deep violet purple, shading in upper petals to white, slightly tinted with purple. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.00. Oz. \$3.50.

1482. Snow Queen. A magnificent pure white of large size and heavy texture. Pkt. 10c. $\frac{1}{4}$ Oz. 75c. Oz. \$2.50.

1483. Giant Bridesmaid. White shining rose, beautifully blotched. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.25. Oz. \$4.50.

1484. Emperor William. Blue with violet eye. Looks like velvet. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.00. Oz. \$3.50.

1485. Giant Golden Yellow with Large Black Eye. One of the most effective pansies; a veritable mass of molten gold. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.00. Oz. \$3.50.

1486. Giant Golden Queen. Pure golden yellow, five spotted. Pkt. 10c. $\frac{1}{4}$ Oz. \$1.25. Oz. \$4.50.

1500. PASSION FLOWER VINE
(*Coerulia grandiflora*)

A beautiful vine for greenhouses and windows, with lovely blue or violet-colored flowers. Pkt. 10c. $\frac{1}{4}$ Oz. 35c.

PENTSTEMON (Beard Tongue)

1510. Gloxinioides "Sensation." For the hardy border or for bedding this is most satisfactory. The plant grows about 2 feet high with each branch becoming a spike of large gloxina-like flowers. The colors are various shades of pink, red and purple. Pkt. 20c,



Bolgiano's Giant Pansies



PETUNIAS

Charming flowers for beds, borders or window boxes. Sow the seed lightly on the seed bed and gently press into the soil. Transplant when large enough, being careful to save even the smallest seedlings for oftentimes the smallest, frailest seedlings produce the finest blooms. Petunias delight in a sunny position.

1520. Giant Ruffled. A ruffled single petunia with exceptionally beautiful form, extraordinary size and substance. A gorgeous variety for florists. Pkts. 20c. and 50c.

1521. Striped and Blotched. A beautiful strain of striped and blotched petunias in varied brilliant colors. Excellent for massing. Pkt. 10c. ¼ Oz. 45c.

1522. Violacea. A most attractive rich velvety violet-blue petunia. Pkt. 10c. ½ Oz. 50c.

1523. Howard's Star. A beautiful free flowering strain. Color crimson-maroon with a clearly defined five-pointed star of blushing white. Exceptionally fine for bedding, baskets, vases, etc. Pkt. 10c. ½ Oz. 50c.

1524. Snowball. A splendid compact petunia, with pure satiny-white flowers. Pkt. 10c. ½ Oz. 50c.

1525. Rosy Morn. Soft crimson-pink with white throat. Unusually dainty and attractive. Pkt. 10c. ½ Oz. 65c.

PHLOX DRUMMONDI GRANDIFLORA

A lovely strain of plants growing 1 to 1½ ft. high and covered with a mass of bright flowers. Excellent for pot plants and for bedding.

1540. White **1541. Flesh** **1542. Lilac**

1543. Crimson **1544. Primrose**

Any of the above colors..... Pkt. 10c. ¼ Oz. 50c.

1545. Choice Mixed Pkt. 10c. ¼ Oz. 45c.

1546. Phlox decussata. Perennial phlox. 2 to 3 ft. high, forming large bushes and bearing immense heads of flowers. It is very hardy and can be grown in places where other flowers, on account of temperature, will not thrive. Finest mixed. Pkt. 10c. ¼ Oz. 75c.

POPPY

“Through the dancing poppies stole
A breeze most softly lulling to my soul.”

These brilliant flowers of airy grace and delicate beauty are delightful for beds and borders.

Single Annual Varieties

1590. Bolgiano's Choice Shirley Mixture. This strain is especially grown for us and the colors are carefully blended, they range through apple blossom, deep pinks, old rose, crimson, terra cotta, white to the deepest red. Several plantings should be made during the summer. Pkt. 10c. ¼ Oz. 20c. Oz. 60c.

1591. Miss Sherwood. Large flowers of satiny white, the upper half shading to a silky chamois rose; a combination of rare delicacy. Two feet high. Pkt. 10c. Oz. 35c.

1592. Umbrosum. (Caucasian Poppy.) Dark crimson with a black blotch on lower part of each petal. One and 1½ ft. high. Pkt. 10c. Oz. 40c.

1593. American Legion. A brilliant orange-scarlet, single poppy of immense size, borne on long stout stems. This poppy is of the Shirley type and keeps well when cut in bud. Pkt. 10c. ¼ Oz. 35c.

Double Annual Varieties

1600. American Flag. Beautiful variety. Flowers very large and double; snow white bordered with scarlet. Pkt. 10c. Oz. 30c.

1601. Carnation Flowered Mixed. A very fine mixture with large, double fringed flowers. Pkt. 10c. Oz. 30c.

1602. Shrimp Pink. A gorgeous peony flowered double poppy with a most delicate shrimp pink color. This poppy should be planted in every garden. Pkt. 10c. Oz. 30c.

1603. Peony Flowered Mixed. Immense, showy, double flowers; very similar to a peony. Pkt. 10c. Oz. 25c.

Perennial Varieties

1610. Iceland Poppy. While this is a hardy perennial, it flowers the first year from seed, blooming almost as quickly as the annual sorts. Their white, sulphur, yellow and orange flowers held above a tuft of glaucous foliage are unusually beautiful and attractive. Pkt. 10c. ¼ Oz. 40c.

1611. Oriental Poppy. One of the showiest garden perennials, growing from 2½ to 3 ft. high. The flowers are very large, single and of a gorgeous scarlet color, having a conspicuous blotch at the base of each petal. The plants disappear during July and August to reappear, if undisturbed, when the weather becomes cool. Pkt. 10c. ¼ Oz. 40c.

1612. Mrs. Perry. Large salmon rose colored flowers. A perfect beauty. Pkt. 20c.

1613. Oriental Hybrids. A mixture of beautiful named varieties in various colors. Pkt. 10c. ¼ Oz. 50c.

PORTULACA (Mexican Rose)

There are few flowers that make such a dazzling display of colors in the bright sunshine as a bed of portulaca. They bloom from the first of July until killed by frost, growing 6 to 8 inches high.

1620. Single Mixed Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1625. Portulaca. Double Rose Flowered Mixed. A large percentage of the flowers will come perfectly double. The colors are a brilliant scarlet crimson, white and yellow. Pkt. 10c. ¼ Oz. 75c.



Oriental Hybrids

PRIMULA

1630. Japonica (Japanese Primrose). A hardy primrose which bears its showy flowers in umbels or clusters arranged one above another on erect stems 6 to 9 inches long. Their petals are waved, of heavy texture and beautifully colored—varying from rich dark crimson through rose and pink to white. Primroses should be planted in every garden for they increase in beauty, size and interest from year to year. Sow seed in March in a cold frame or outdoors in May to July. Primroses delight in a moist, well-drained, partly shaded position. Pkt. 20c.

PYRETHRUM (Persian Daisy)

1640. Roseum Hybridum. This is one of our most valuable flowers either for cutting or for the perennial border. The plant grows 2 to 3 feet high and produces quantities of beautiful, rose-colored, daisy-like flowers with yellow centers. Pyrethrums are easily grown from seed. They bloom during May and June and again in the fall. After the spring blooming season cut down the foliage to the basal leaves and feed with bone meal to insure larger and more prolific blooms in the fall. Pkt. 10c. ¼ Oz. \$1.00.

RHODANTHE

1650. Maculata. One of the most attractive "Everlastings," with delicate pink and white flowers resembling bells. Rhodanthe retains much of its beauty and grace after being dried. Excellent for pot culture. Pkt. 10c. ¼ Oz. 30c.

RICINUS (Castor Oil Beans)

Garden annual of luxuriant growth with large palm-like leaves; very attractive on account of their semi-tropical effect. The colors of the foliage are very rich ranging from green to deep bronze. Desirable for lawns, massing or center plants for beds.

1660. Zanzbariensis. Immense size. Coppery-bronze, changing to dark green with reddish ribs.

Any of the above varieties.....Pkts.10c. Oz.25c. ¼ Lb.60c.

1661. Mixed VarietiesPkts.10c. Oz.20c. ¼ Lb.45c. Lb.\$1.35.

RUDBECKIA (Cone Flower)

1670. Laciniata. (Golden Glow.) A very popular hardy perennial attaining a height of 5 to 6 ft. and producing masses of golden yellow cactus dahlia-like flowers. Blooms from July until September. Pkt. 10c. ¼ Oz. 45c.

1671. Newmanii. A hardy plant producing an abundance of orange yellow flowers with large black cone-shaped centers. The flowers are borne on long stems and keep well in water, making them valuable for cutting. Pkt. 10c. ½ Oz. 45c.

1672. Purpurea (Giant Purple Cone Flower). The most beautiful hardy perennial Cone Flower. It produces all summer large reddish-purple flowers about 4 inches in diameter. Pkt. 10c. ½ Oz. 60c.

1680. SALPIGLOSSIS (Painted Tongue)

One of the most attractive annuals and should be in every garden. The blossoms are tube-shaped much like a petunia but rivaling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold. All colors mixed. Pkt. 10c. ¼ Oz. 40c.



Salvia Dwarf Bonfire

SALVIA

1690. Splendens (Scarlet Sage). Among the most brilliantly colored garden flowers, and extremely useful for bedding, hedging or borders. It is a blaze of flaming scarlet, each plant bearing countless numbers of flower spikes. Pkt. 10c. ¼ Oz. 60c.

1691. Dwarf Bonfire or Little Lord Fauntleroy. This is one of the finest scarlet sages growing 2 ft. high. Its brilliant red spikes stand above the dark green foliage and completely cover the plant. It attracts immediate attention in the garden. Pkt. 10c. ¼ Oz. \$1.00.

1692. Farinacea. These perennial plants grow about 3 feet tall and produce large spikes of lavender blue flowers held high above the plant. Start seed indoors during March or April and remove to the open ground in May. Pkt. 10c. ½ Oz. 50c.

SCABIOSA (Mourning Bride)

A very beautiful plant and a great favorite with gardeners, splendidly adapted for beds, borders and cutting. The flowers are full, fluffy and exquisitely colored and borne on long graceful stems. When cut they keep for almost a week.

- 1700. White
- 1701. Azure Fairy (Azure Blue)
- 1702. Flesh Pink
- 1703. Rose
- 1704. Crimson
- 1705. King of the Blacks

Any of the above colors.....Pkt.10c. ¼ Oz.30c.
1706. Finest MixedPkt.10c. ¼ Oz.25c.

1707. Caucasica (Blue Bonnet). A most desirable perennial plant growing about 3 feet high. Its artistic, soft, lavender-blue flowers are excellent for cutting purposes. Pkt. 20c.



Scabiosa

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Pounds



Bolgiano's Gigantic
Orchid Flowered
Countess Spencer
Sweet Peas

Sweet Peas

"Here are sweet peas, on tiptoe for a flight;
With wings of gentle flush o'er delicate white,
And taper fingers catching at all things,
To bind them all with tiny rings."

Culture. Dig a trench 2 feet deep and 2 feet wide and fill with rich soil which has been carefully mixed with well rotted manure or black mold from the woods and generously sprinkled with lime. Early planting is necessary for best results with Sweet Peas as it gives the plants opportunity to develop good deep root systems to sustain them during the hot days. When the warm weather does come, such plants then make a strong upward growth. As soon as the frost is out of the ground in the spring and the soil is in a workable condition, sow the seed in drills 2 to 3 inches deep and 1 inch apart. Thin out the plants so they will stand 4 to 6 inches apart. Water, lime and deep cultivation are the essentials for Sweet Pea growing. When the young plants produce tendrils support them with chicken wire, sticks or string. Sweet Peas are heavy feeders—liquid manure applied once a week will be beneficial. Keep the seed pods picked off in order to lengthen the season of bloom and produce large, fine flowers. Sweet Peas may also be grown successfully in the fall by covering the bed with a heavy mulch which must be removed very early before the frost is entirely out of the ground.

1790. Bolgiano's Choice Mixture of Grandiflora Sweet Peas

This mixture is made up of the best Grandiflora varieties. It is blended carefully, so as to produce a good color effect. Pkt. 10c. Oz. 15c. ¼ Lb. 35c. Lb. \$1.00.

Bolgiano's Giant Orchid Flowering or Spencer Sweet Peas

White

1791. Constance Hinton. White flowers beautifully formed. Young flowers tinted pink but soon turning pure white.

1792. King White. A superb pure white variety. Immense size and beautiful form.

Pink

1793. Elfrida Pearson. The very finest blush pink. This is a free-flowering, strong growing variety. It usually bears four blossoms to a single stem.

1794. Hercules. A beautiful rich pink. Similar to Countess Spencer, but larger in size.

Rose

1795. Rosabelle. Beautiful bright rose. The best rose-colored variety.

Cerise

1796. Illuminator. A gorgeous orange-salmon sweet pea. Under artificial light the color sparkles salmon, cerise and orange.

1797. Fiery Cross. An entirely new shade of red. The flowers glittering in the sunshine have the appearance of live fire. A beautiful variety.

Crimson

1798. King Edward. Deep rich crimson; a strong and beautiful color. Does not fade or scorch.

1799. Maud Holmes. A large, bright rich crimson.

Maroon

1800. King Manoel. Giant chocolate maroon self, one of the largest and best of this color.

1801. Warrior. A perfectly gorgeous maroon-colored flower of immense size. The best maroon.

Orange

1802. Helen Lewis. Orange colored standard with rosy-salmon wings.

1803. The President. An intensely rich, dazzling orange-scarlet. Very beautiful.

Salmon

1804. Stirling Stent. Bright orange salmon.

1805. Barbara. Beautiful rich orange—salmon.

Blue

1806. Mrs. Tom Jones. The best azure blue variety.

1807. Blue Monarch. Large dark blue flowers.

Lavender

1808. Asta Ohn. Lavender tinted mauve; exceptionally fine.

1809. Florence Nightingale. A clear lavender; an old favorite.

Purple

1810. Royal Purple. An excellent variety. The color deepens as the flowers age. Absolutely distinct, large size and beautiful form.

Bicolor

1811. Mrs. Cuthbertson. Standard light rose pink, wings white flushed pale rose pink. Flowers exceedingly beautiful.

1812. Blanche Ferry. Pink and white. Immense wavy blossoms.

Striped

1813. Senator. Claret and chocolate stripe on light helio-trape ground.

Prices—Any of the above: Pkt. 10c. Oz. 35c. ¼ Lb. \$1.00. Lb. \$3.50.

1820. Bolgiano's Mixed Orchid Flowering Sweet Peas. This mixture contains the choicest named varieties blended in proper proportions, so as to insure a well-balanced color effect. Pkt. 10c. Oz. 25c. ¼ Lb. 75c. Lb. \$2.50

1710. SCARLET RUNNER VINE

This ornamental, rapidly growing annual reaches a height of 15 ft. It produces showy sprays of scarlet sweet pea-shaped blossoms, which are succeeded by delicious edible beans. Pkt. 10c. ¼ Lb. 20c.

1720. SCHIZANTHUS (Butterfly Flower)

One of our finest annuals, bearing a profusion of pretty butterfly-like flowers of various colors, closely resembling some species of orchids. Desirable for winter blooming and bouquets. Pkts. 10c. ¼ Oz. 25c.

1730. SMILAX (Myrsiphyllum asparagoides)

In many respects the smilax is the most useful and graceful climber that adorns the greenhouse or conservatory. For bouquets and floral decorations it is indispensable. Pkt. 10c. ¼ Oz. 25c. Oz. 65c.

STATICE

1740. Sinuata Mixed. Plants grow 2 feet tall and produce sprays of showy funnel-shaped flowers. Statice grows in most any soil, but requires full sunlight. The flowers retain their beautiful clear colors when dried. Pkt. 10c. ¼ Oz. 25c.

1750. Statice latifolia (Sea Lavender)

Splendid hardy perennials, either for the border or rockery. Throughout the entire summer it produces panicles of minute flowers, which can be dried and used for winter bouquets. Mixed varieties. Pkt. 10c. ¼ Oz. 30c. Oz. \$1.80.

STOCKS (Bolgiano's Giant Perfection)

A magnificent strain, 2½ ft. high, with long, well-filled spikes of very large, fragrant, double flowers. This familiar annual is sometimes grown in pots, but usually grown for garden decorations.

1760. White

1763. Blood Red

Any of the above colors..... Pkt. 10c. ¼ Oz. 50c.

1766. Finest Mixed Pkt. 10c. ¼ Oz. 40c.

1761. Flesh

1764. Scarlet

1762. Canary Yellow

1765. Dark Blue



Giant Perfection Stocks

STOKESIA (Cornflower Aster)

1780. Cyanea. An indispensable plant for the hardy border growing 2 feet high. Stokesia likes a sunny, open location and adds its wealth of bloom from July to October—when other flowers are scarce. These blooms resemble the cornflower and are a delicate shade of blue in color. Splendid for cutting. Pkt. 10c. ¼ Oz. 45c.

SWEET ROCKET (Hesperis)

1860. Matronalis. This is a valuable plant for the permanent border or amongst shrubbery. It grows 2 to 3 feet tall and produces spikes of delightfully fragrant white, lilac and purple flowers. Pkt. 10c. ¼ Oz. 25c.

SWEET WILLIAM (Dianthus barbatus)

An old favorite hardy garden plant of easy culture, thriving in any good garden soil and lasting for years. Our strains produce large heads of fragrant flowers in a great variety of beautiful colors. The plants form large clumps and grow about 1 ft. high.

1870. Single Mixed Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

1880. Double Mixed Pkt. 10c. ¼ Oz. 30c. Oz. \$1.00.

1900. THUNBERGIA (Black-eyed Susan)

Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively for hanging baskets, vases, low fences, etc. Very pretty flowers in buff, white, orange, etc., with dark eyes. Pkt. 10c. ¼ Oz. 40c.

1910. TRITOMA (Red Hot Poker Plant)

A most striking ornamental plant with quilled petals of orange and red drooping from stout stems; suitable for bedding, borders, pot culture and cutting. Pkt. 10c. ¼ Oz. 30c.

VERBENA (Mammoth Flowering)

An old favorite which may be used for beds, borders or window boxes. The flowers are showy, fragrant and bloom from June until frost.

1920. White

1921. Pink

1922. Yellow

1923. Blue

1924. Scarlet

1925. Italian Striped

Any of the above colors..... Pkt. 10c. ¼ Oz. 50c. Oz. \$1.50.

1926. Mammoth Mixed Pkt. 10c. ¼ Oz. 45c. Oz. \$1.35.



Mammoth Verbena



Dahlia Flowered Zinnia

1990. Polar Bear. This is a large pure white, true dahlia-formed Zinnia.

1991. Canary Bird. A delicate primrose, holding its color until out of bloom.

1992. Oriole. An immense orange and gold bicolor. Truly a gorgeous flower.

1993. Old Rose. A charming flower—color a most pleasing shade of old rose.

1994. Exquisite. This large, perfectly formed flower is truly exquisite. Its outer petals are a bright rose and its center a deep rose.

1995. Scarlet Flame. A beautiful, bright scarlet, with a blending of orange throughout the petals.

1996. Crimson Monarch. A gorgeous red Zinnia—flowers often measure 8 inches in diameter.

1997. Dream. This is a fine deep lavender, turning to a mallow purple as the flower ages. A real beauty.

Any of the above varieties.....Pkt. 20c.

1998. Finest Mixed.....Pkt. 20c.

VIOLAS

(Tufted Pansies or Horned Violets)

1950. Papilio. One of the best edging plants available—it is a mass of lavender-violet color from May to October. The flowers are somewhat smaller than the regular pansy but where color effect and a long season of flowering is desired, it is far superior. Keep the faded flowers cut off so as to have a greater number of blooms. Pkt. 10c. ¼ Oz. 75c.

1980. XERANTHEMUM ANNUM
(Everlasting or Immortelle)

One of the most satisfactory everlasting flowers in bright rose, purple and white. Very showy in the garden and useful for dried flowers in winter bouquets. Pkt. 10c. ¼ Oz. 30c.

ZINNIAS

One of the most popular annuals for beds mixed borders and cutting purposes. The zinnia blooms constantly from July until frost and does well in most any soil. To secure the largest flowers and a profusion of bloom, the plants must be given plenty of room for full development and an abundance of plant food. The flowers are fully double with long stems and good keeping qualities.

Giant Dahlia Flowered Zinnia

The latest development in Zinnias. This type was awarded the Gold Medal and the Award of Merit by the Royal Horticultural Society of England, at the Chelsea Flower Show in London England, in June, 1924. It took seven years of painstaking care and selection to produce this type of Zinnia, but it is now recognized the world over as being the largest and most beautiful Zinnia. The Dahlia Flowered Zinnia is a good forcer and money maker for florists. The variety Polar Bear is used as a bunching flower for Mother's Day while Old Rose, Oriole, Crimson Monarch, Exquisite, Canary Bird and Scarlet Flame are recommended to force as desirable colors for florists for early spring trade. The plants are sturdy and the flowers, often measuring 6 inches in diameter and 4 inches in depth, closely resemble the Show Dahlia.

DWARF DOUBLE ZINNIAS

Plants 1½ to 2 ft. tall, large double flowers.

2020. White

2021. Canary Yellow

2022. Rose

2023. Dark Scarlet

Any of the above colors.....Pkt. 10c. ¼ Oz. 25c. Oz. 75c.

2024. Finest MixedPkt. 10c. ¼ Oz. 20c. Oz. 60c.

LILIPUT OR POMPOM

2025. Plants 9 to 12 inches high with a profusion of flowers 2 inches across. A gorgeous variety for borders. Mixed colors: Pkt. 10c. ¼ Oz. 40c. Oz. \$1.25.

2050 Bolgiano's Wild Flower Garden or Children's Flower Garden Mixture

This is a mixture which will give great pleasure to all who try it for waste corners and patches, and with a little or no care will procure a pleasing effect in places that would otherwise be nothing but a collection of unsightly weeds. This mixture is ideal for the Children's Garden. Why not put aside a little patch of ground for every one of your children; show them how to spade and rake the bed smoothly, then early in May sow the seeds broadcast over the bed, and cover about one-half inch with fine sifted soil? Make the children a present of a package of seed and a watering pot and teach them to water when necessary. Do not thin out the plants and they will have a grand display of flowers the entire summer. If you have no children, try a patch yourself. Pkt. 10c. ½ Oz. 25c. ¼ Lb. \$1.00.

1960. WALLFLOWER

An old-fashioned garden flower. The large fragrant spikes are very conspicuous in beds and borders and are very useful in making bouquets. Finest Mixed. Pkt. 10c. ¼ Oz. 20c. Oz. 75c.

1970. WILD CUCUMBER (Echinocystis Lobata)

A rapid growing climber, thickly dotted with pretty white fragrant flowers, followed by ornamental seed pods. Pkt. 10c. Oz. 20c.

**GIANT DOUBLE OR ROBUSTA
ZINNIAS**

Plants grow 2 to 3 ft. high and under favorable conditions produce flowers 6 inches in diameter.

- 2000. White
- 2001. Shrimp Pink
- 2002. Deep Rose
- 2003. Crimson
- 2004. Deep Yellow
- 2005. Purple

Any of the above colors. Pkt. 10c.
¼ Oz. 50c.

2006. All Colors Mixed. Pkt. 10c.
¼ Oz. 40c. Oz. \$1.25.

2026. RED RIDING HOOD

Compact plants 1 ft. high covered the entire season with small double, brilliant scarlet flowers. Pkt. 10c. ¼ Oz. 45c. Oz. \$1.50.

2027. PERFECTION SINGLE STAR

Most attractive for borders. Plants 1 ft. high, flowers small, single and semi-double. Very distinct and pretty, desired for its beautiful shades of yellow. Pkt. 10c. ¼ Oz. 50c. Oz. \$1.75.

1940. VINCA ROSEA

(Madagascar Periwinkle or Old Maid)

An attractive annual with bright green, shiny, foliage and single, five-petaled, star-shaped, rose-colored flowers. The plants grow about 15 inches tall, branch freely and are covered with blooms all during the summer and fall. With the approach of freezing weather the plants may be transplanted into pots or boxes for winter blooming indoors. Pkt. 10c. ¼ Oz. 40c.



Giant Double Robusta Zinnia

Annual Flower Seed for Fall Planting

Few know that many of our prettiest and best annuals can be sown in the fall. Seed planted at this time will germinate early in the spring and bloom as quickly as if the seeds were sown in a hotbed or indoors.

- | | | | | |
|-------------|------------|------------------|---------------|------------|
| Alyssum | Calendula | Centaurea | Eschscholtzia | Nigella |
| Antirrhinum | Calliopsis | Clarkia | Hunnemannia | Poppy |
| Brachycome | Candytuft | Dianthus (China) | Matthiola | Sweet Peas |

50c.

Annual Flower Seed Collection

- | | |
|------------|-------------|
| Asters | Poppies |
| Cornflower | Marigolds |
| Cosmos | Nasturtiums |
| Pinks | Zinnias |

\$1.00

Annual Flower Seed Collection

- | | |
|---------------|--------------|
| Alyssum | Lupine |
| Antirrhinum | Mignonette |
| Candytuft | Petunia |
| Calliopsis | Phlox |
| Calendula | Salpiglossis |
| Celosia | Scabiosa |
| Chrysanthemum | Sweet Peas |
| Dahlia | Sweet Sultan |
| Larkspur | Verbena |

50c.

SWEETPEAS

Collection

of

Spencers

- Asta Ohn
- The President
- Elfrida Pearson
- Maud Holmes
- King Manuel
- Blue Monarch
- Constance Hinton
- Royal Purple

75c.

Perennial Flower Seed Collection

- | | |
|------------------|---------------|
| Aquilegia | Gaillardia |
| Canterbury Bells | Hollyhock |
| Coreopsis | Poppy |
| Delphinium | Pinks |
| Digitalis | Shasta Daisy |
| Forget-Me-Not | Sweet William |

25c.

Aster Collection

- | | |
|---------------------|----------------------|
| Queen Of The Market | Early Flowering |
| Crego's Giant Comet | Mid-Season Flowering |
| American Branching | Late Flowering |
| Heart Of France | Late Flowering |

Bolgiano's Flower Seed Suggestions for Various Purposes and Situations

Plants for the Rockery

Abronia	Gypsophila
Achillea	Heuchera
Adonis vernalis	Iberis (Hardy)
Alyssum saxitale	Myosotis
Anemone	Nemophila
Aquilegia	Oenothera
Arabis	Poppy Iceland
Aubrietia	Primulas
Dianthus	Statice latifolia
Geum	Violas

Plants for Hanging Baskets and Porch Boxes

Abronia	Kenilworth Ivy
Alyssum	Morning Glory (Dwarf)
Asparagus	Nasturtium
Begonia	Pansy
Coleus	Petunia
Geranium	Smilax
Heliotrope	Verbena
Ice Plant	Viola

Everlastings for Winter

Bouquets

Acroclinium	Physalis Francheti
Celosia childsii	Rhodanthe
Celosia plumosa	Statice latifolia
Echinops ritro	Statice sinuata
Gomphrena	Xeranthemum
Helichrysum	

Plants for Edgings

Ageratum	Lobelia
Alyssum	Marigold (Dwarf)
Arabis	Nasturtium (Dwarf)
Aubrietia	Petunia
Begonia	Pinks
Bellis	Portulaca
Candytuft	Verbena
Dusty Miller	Viola
Lantana	Zinnia (Dwarf)

Hedge Plants

Balsam—Lady Slipper	Kochia
Four O'Clocks	Salvia

Climbing Vines

Balloon	Momordica
Canary Bird	Moonflower
Cardinal Climber	Morning Glories
Clematis	Nasturtium (Tall)
Cobea	Passion Flower
Cypress Vine	Scarlet Runner
Dolichos	Sweet Peas
Gourds	Thunbergia
Kudzu	Wild Cucumber

Plants for Partly Shaded Places

Achillea	Digitalis
Alyssum	Godetia
Anemone	Kenilworth Ivy
Antirrhinum	Lobelia
Balsam	Lupinus
Begonia	Matricaria
Bellis	Myosotis
Campanula	Pansy
Centaurea Americana	Phlox Drummondii
Centaurea imperialis	Poppy (Perennial)
Clarkia	Platycodon
Columbine	Primula
Coreopsis	Viola

Colored Foliage Plants

Amaranthus tricolor	Euphorbia
Coleus	Kochia
Dusty Miller	Ricinus

Easily Grown Perennials

Long Stemmed Annuals for Cutting

Asters	Gaillardia
Antirrhinum	Gypsophila
Aretotis	Larkspur
Calendula	Lupinus
Calliopsis	Marigold
Candytuft	Matricaria
Carnation	Mignonette
Celosia plumosa	Nasturtium
Celosia Childsii	Nicotiana
Centaurea cyanus	Pansy
Centaurea Americana	Salpiglossis
Centaurea Imperialis	Scabiosa
Chrysanthemum	Stocks
Clarkia	Sweet Peas
Cosmos	Sweet William
Dianthus	Verbena
Didiscus	Zinnia
Dimorphotheca	

Achillea	Lathyrus latifolius
Aconitum	Lupinus polyphyllus
Adonis vernalis	Lychnis
Alyssum saxitale	Michaelmas Daisies
Anchusa Italica	Oenothera
Aquilegia	Poppy Iceland
Arabis	Poppy Oriental
Campanula	Platycodon
Candytuft (Hardy)	Phlox decussata
Coreopsis	Primula japonica
Delphinium	Pyrethrum
Dianthus plumarius	Rudbeckia laciniata
Digitalis	Rudbeckia Newmanii
Gaillardia grandiflora	Rudbeckia Purpurea
Geum	Scabiosa Caucasia
Gypsophila paniculata	Shasta Daisies
Helenium	Stokesia
Hesperis	Sweet William
Heuchera	Wallflower
Hibiscus	Viola cornuta
Hollyhocks	



Parcel Post Weight 1 Lb.
per Root

Large Flowering Cannas

Postage extra and must be included
with remittance

Culture. Set the plants 18 inches apart to allow for growth and cultivation. Water *thoroughly* when you plant and keep the plants well watered for two or three weeks until they are growing vigorously. After a good soaking rain, the plants will take care of themselves, except during extremely dry weather.

For Circular Beds. Plant 1 in the center, 6 in the first circle, 12 in the second circle, then 18, 24, etc., according to the size of the bed with the circles, and the plants in the circles 18 inches apart. A bed 4 feet in diameter takes 7 Cannas; a 7-foot bed, 19 Cannas; a 10-foot bed, 37 Cannas; a 16-foot bed, 91 Cannas.

Seven New and Rare Varieties

American Beauty. This recent introduction brings us a new shade of red and a most gorgeous flower. The blossoms are very large and of a clear, velvety shade of deep cerise. The foliage is a pure deep green of pleasing appearance and the flowers come in succession on good stems from four to five feet tall. One must see this magnificent canna to appreciate it. 50c each. \$5.00 doz.

Apricot. We consider this canna of unusual merit and especially valuable, because it adds a new color to the list. Apricot has healthy bright green foliage growing about four feet tall. The flowers are of large size and a most pleasing mixture of buff and salmon which gives the apricot shade from which it takes its name. 30c each. \$3.00 doz.

The President. In color a rich glowing scarlet and the immense firm, rounded flowers seven inches across when open are produced on strong, erect stalks, well above the large, rich green foliage. "The President" is superior to any other red variety in quantity and quality of bloom, and the firm flower resists draught and heat to a remarkable degree. Considered the finest canna ever produced. Height four feet. 20c each. \$2.00 per dozen.

Fire Bird. This is by all means the very best red flowered, green leaf canna to-day. Flowers are borne in immense trusses on strong stalks well above the leaves. Height 4½ feet. 15c each. \$1.50 per doz.

Nokomis. 5 ft. The foliage is a combination of emerald-green and bronze, beautifully veined, making a lovely setting for the large, vivid crimson flowers. 15c each. \$1.50 doz.

King Humbert. In this grand canna we have a combination of the highest type of flower with the finest bronze foliage. Its flowers measure 6 inches in diameter, produced in gigantic trusses, a brilliant orange scarlet with bright red markings. Foliage broad and massive, of a rich, coppery bronze. Height 5 feet. 15c each. \$1.50 per doz.

Yellow King Humbert. A rare beauty, green foliage, symmetrical plants, golden yellow flowers lightly spotted red. Makes a splendid variety to bed with the bronze leaf King Humbert. Height 5 feet. 15c each. \$1.50 per doz.

Meteor. Magnificent deep red variety of robust habit. Color a pleasing deep crimson. The most effective bedder. Height 5 feet. 15c each. \$1.50 per doz.

Louisiana. This is one of the old varieties that defies any new sort to take its place. It is an orchid flowering orange-scarlet growing 6 to 7 feet tall with pure green foliage. The flowers are of enormous size and are held several feet above the foliage by strong stems. It makes an ideal sort for centers or tall backgrounds. 15c each. \$1.50 doz.

Morning Glow. The foliage is a deep green over which is light bronze, veined and ribbed in bronze. Grows only about three feet tall. The blossoms are of good size and a most pleasing shade of shell pink which shades to a red center. In both foliage and flower there is a remarkable color contrast which makes this a wonderful canna. 30c each, \$3.00 doz.

Hungaria. The ideal pink bedder, flowers large in good trusses. Color not unlike that of the Paul Neyron Rose. One of the best of the newer introductions. Height 3½ feet. 20c each. \$2.00 per doz.

Mrs. Alfred F. Conard. It is even hard to imagine a more gorgeous salmon-pink canna than this variety or we might say pink because the salmon is almost unnoticeable. It is the most robust of pink cannas and has the largest flowers. The blossoms are of a rich pink color and retain their beauty after days of exposure to hot sun. The foliage is green. Height four feet. 20c each. \$2.00 doz.

Eureka. (Green Leaved.) A free bloomer. Its great trusses of perfectly formed creamy white flowers stand nicely above the dense foliage. Height 4 feet. 15c each. \$1.50 per dozen.

Good Standard Varieties

Wintzer's Colossal. Without doubt the largest flowered canna to date, as the average flowers almost cover a man's hat. Color is a striking vivid scarlet that retains its brilliancy. Height 5 feet. 15c each. \$1.50 per doz.

Venus. In this variety we have a most dainty combination of rose-pink petals with a narrow border of cream yellow. It is a vigorous pink, growing from three to four feet tall with bright green foliage. This is something different and yet highly desirable. 15c each. \$1.50 doz.

Gladiflora. There are few variegated flowers offering the rich colors of this variety. The blossoms are of large size, and have a crimson center which changes to a bright rose pink petal around which is a border of gold. It is a dwarf sort growing three feet tall and making a most desirable low bed or border. 15c each. \$1.50 doz.

Allemania. This is another of those enormous orchid flowering cannas. The blossoms are very large and of a bright orange-scarlet with a wide border of golden yellow. The centers of the blossoms are flecked and spotted yellow also. It is a robust grower with large green foliage, attaining a height of about 6 feet. 15c each. \$1.50 doz.

Richard Wallace. The large flowers, constant blooming habit, and dainty shade of canary yellow have made this variety famous among cannas. It is a vigorous grower, free from disease, about four feet tall, and having bright green foliage. In a light yellow, we could not ask for anything better. 15c each. \$1.50 doz.



White Glory

White Glory. A most beautiful pure white ruffled variety with delicate iris-blue markings in the throat of each flower. The variety will grow over 5 feet tall with high culture. The flowers are large and of fine substance. It is a winner of many awards. 30c each. \$3.00 doz.

Mailing Weight 1 Lb.
per Doz. 4 Lbs.
per 100

Gladiolus

Postage Extra
Parcel Post Rates
see Page 1

Most Popular of all Summer Flowering Bulbous Plants. All First Size Bulbs. Rare and Beautiful Varieties

The interest developed in the Gladiolus during the past few years has been tremendous. Their adaptability for garden decoration or use as a cut flower during the summer and fall months cannot be surpassed by any other bulbous plant.

Wonderful improvements are being made each year in the size, color and beauty of these flowers and our list comprises only the best both in mixture and named varieties.

In cutting Gladiolus for the house, it is best to cut the spikes as soon as one of two lower flowers are open, the remainder will open in the house. Plant bulbs four inches deep, six inches apart and stake when two feet high.

Bolgiano's Choicest Collection of Ruffled and Plain Petaled Gladioli

Orange Glory. This is a beautiful strain with ruffled petals. The flowers are unusually large and of a rich striking shade of orange with lighter markings in the throat. The Orange Glory variety has won many awards due to its gorgeous color, excellent substance and large flowers 30c each. \$3.00 doz.

Mary Pickford. An extraordinarily beautiful delicate creamy-white variety with a soft sulphur-yellow throat. The stem and calyx are also white. This variety has been awarded Certificates of Merit by various Horticultural Societies abroad and at home. 25c each. \$2.50 doz.

Scarlano. Another beautiful ruffled variety with fine long spikes and exceptionally large flowers. The color is a light, bright orange-red 35c each. \$3.50 doz.

Neutrality. This strain is similar to the America. It has a richer purer pink color, larger flowers, showier and better form. A gorgeous pink variety. 25c each. \$2.50 doz.

Helga. A gorgeous salmon-rose variety deeper rose and cream on white ground. The spikes are tall and unusually graceful. The flowers are large of excellent substance and most delicate colorings. 25c each. \$2.50 doz.

Golden Measure. This is a very large dark golden yellow variety. It is by far the most beautiful of all yellows. 35c each \$3.50 doz.

Special Collection

TWO EACH OF ABOVE—14 Bulbs for \$3.75
FOUR EACH OF ABOVE—28 Bulbs for \$7.25
SIX EACH OF ABOVE—42 Bulbs for \$10.50

The Super Twelve Gladiolus

America. A beautiful, soft, flesh-pink. The flowers are of the largest size. The petals are round, thick and strong, and will last at least 10 days in the house after being cut. Stalks 2 to 3 feet long. Mammoth Bulbs 7c each. 50c doz. \$4.50 per 100.

Alice Tiplady. Immense flowers of brilliant orange color, with golden throats. The spikes are tall and straight and bear ten to twelve blooms. This is a showy, magnificent flower. Primulanus Hybrid. 15c each. \$1.50 doz. \$12.00 per 100.

Chicago White. A gorgeous white variety with lavender markings in the throat. A most excellent flower for cutting purposes. 7c each. 75c doz. \$5.00 per 100.

Evelyn Kirtland. The flowers are a beautiful shade of rosy pink, darker at the edges and fading to a delicate shell pink in the centers. They are of large size and good substance, beautiful form and exquisite color. 12c each. \$1.25 doz. \$9.50 per 100.

Halley. Salmon-pink, shaded yellow. Very large, well-expanded flowers. The predominating color of the flower is a delicate pink, with a slight rose tinge. The lower petals bear a creamy blotch with a bright red stripe through the center, producing a superb effect. Mammoth Bulbs 7c each. 75c doz. \$5.00 per 100.

Schwaben. Stalk produces about 20 very large flowers, 6 to 8 usually open at one time. The color is the best of clear canary yellow, shading to a soft sulphury yellow when opening. Mammoth Bulbs 8c each. 85c doz. \$6.00 per 100.

Panama. Owing to its habit, color and form, it is sure to become the most popular Gladiolus in the near future. It has all the desirable features of the variety America, but in color is a rich rose-pink. The stalks are tall and very robust, many flowers appearing at one time. Mammoth Bulbs 8c each. 85c doz. \$6.00 per 100.

Baron Jules Hulot. The finest blue Gladiolus yet seen. Rich deep color of an indigo shade. Mammoth Bulbs 12c each. \$1.25 doz. \$9.50 per 100.

Peace. A grand white with pale featherings on interior petals; large flowers correctly placed on a heavy straight stalk 5 feet high. Peace is a wonderful variety, being a splendid keeper when cut. Mammoth Bulbs 10c each. \$1.00 doz. \$8.00 per 100.

Mrs. Francis King. A beautiful scarlet pink of recent introduction, which has everywhere created wide comment for its startling beauty. Immense flowers on spikes growing 4 feet high. The spikes are covered with a mass of blooms. Mammoth Bulb 7c each. 75c doz. \$5.00 per 100.

Gretchen Zang. A beautiful rose pink shading scarlet on the lower petals. Excellent substance, large size and exquisite form. 12c each. \$1.25 doz. \$9.50 per 100.

Herada. Immense blooms carried on long straight spikes. Their color is a pure mauve, clear and glistening with deep markings in the throat. 15c each. \$1.50 doz. \$12.00 per 100.

Special Collection

TWO EACH OF ABOVE—24 Bulbs for \$2.00
FOUR EACH OF ABOVE—48 Bulbs for \$3.75
SIX EACH OF ABOVE—72 Bulbs for \$5.50

Other Beautiful Varieties of Gladiolus

Loveliness. A grand, tall, erect sort, often having 20 blooms on spike. Color, cream white with apricot and primrose throat. A lovely variety. 12c each. \$1.25 doz. \$9.50 per 100.

LeMarechal Foch. A recent introduction, having enormous flowers of a beautiful, delicate pink. The finest variety of its color in existence. 12c each. \$1.25 doz. \$9.50 per 100.

War. This is undoubtedly one of the largest flowered sorts. Deep red, shaded crimson and showing four to six blooms at one time. 12c. each. \$1.25 per doz. \$9.50 per 100.

Prince of Wales. The flowers are large and well placed and the color is a most charming coral pink. Larger and earlier than Halley. 12c. each. \$1.25 doz. \$9.50 per 100.

Empress of India. Rich velvety dark red with deeper shadings. One of the richest colored varieties. Immense flowers on strong stalks. Very decorative. Mammoth Bulbs 12c each. \$1.25 doz. \$9.50 per 100.

Flora. This is a most beautiful golden yellow variety. The flowers are unusually large and are carried on long stiff stems. A splendid cut flower variety. Mammoth Bulbs 15c each. \$1.50 doz. \$12.00 per 100.

Niagara. Immense flowers often 4½ inches across; color entirely new in Gladiolus. Soft primrose-yellow, slightly ringed rose-pink in throat, penciled with carmine on two lower petals. Mammoth Bulbs 10c each. \$1.00 per doz. \$8.00 per 100.

L'Immaculee. A gorgeous pure white variety with good substance and beautiful form. Excellent for cutting. 10c each. \$1.00 doz. \$8.00 per 100.

Mary Fennel. A beautiful deep lavender variety with lower petals penciled with primrose yellow. A beautiful variety with tall well-filled spikes. 12c each. \$1.25 doz. \$9.50 per 100.

Mrs. Dr. Norton. Large flowers, white edged with soft pink on lower petals. A gorgeous variety for cutting. 15c each. \$1.50 per doz. \$12.00 per 100.

Mrs. Frank Pendleton. A most delicate shade of salmon pink with a rich maroon blotch on the three lower petals. This is an exquisite flower for cutting. 12c each. \$1.25 doz. \$9.50 per 100.

Mrs. Watt. A rich American Beauty color. The flowers are unusually large of good substance. 12c each. \$1.25 doz. \$9.50 per 100.

Wilbrink. These flowers are a lovely flesh pink with an orange-colored blotch on the lower petals. 12c each. \$1.25 doz. \$9.50 per 100.

Willy Wigman. Soft rose blending into white with dark blotch. A most attractive cut flower. 12c each. \$1.25 doz. \$9.50 per 100.



Flora

Bolgiano's Superb Mixture of Gladioli

A mixture of the largest number of the most magnificent varieties of any popular mixture yet introduced, contains best strains of each variety. Every bulb of this mixture has been selected with utmost care for coloring, size of flower and purity. 75c per doz. \$5.00 per 100.

Bolgiano's Fine Mixture of Gladioli

A mixture containing some of the choicest and best strains of the different named varieties. Second size. 5c each. 50c doz. \$3.50 per 100.

Calladium or Elephant Ears

Postage extra and must be included with remittance

Calladium or Elephant Ears. One of the most effective plants in cultivation for the flower border bed or for planting out on the lawn. They will grow in any garden soil, and are of the easiest culture. To obtain the best results they should be planted where they will obtain plenty of water and abundance of rich compost. Foliage light green. When full size they stand 6 feet high and bear immense leaves 3 to 4 feet long by 2¼ feet wide. Should not be planted in the open until May 1st, but to get them in early growth can be started indoors.



Calladium or Elephant Ears

Mammoth Calladium Bulbs

These are particularly fine for center of beds, giving a beautiful effect where Cannas and Scarlet Sage are planted on the outside borders. They are only the choicest and most select bulbs, producing the most massive effect with their foliage.

Extra Large Bulbs. 12 inches in circumference, 35c each. \$3.50 doz. **By mail add 10c per bulb.**

Large Bulbs. 9 to 11 inches in circumference, 20c each. \$2.00 doz. **By mail add 5c per bulb.**

Small Bulbs. 7 to 9 inches in circumference, 15c each. \$1.50 doz. **By mail add 5c per bulb.**



Sheba

Mrs. Leo Niessen. Without question the very best cactus dahlia of its type and color. It is not only very bright and effective in early and midseason, being produced profusely on stiff stems, but late in the season, when so many varieties come open centered, it is always full and perfect. Color, a beautiful shade of scarlet red, blending to peach red at the center of the flower, with bright yellow at base of petal and at tips; reflex sulphur yellow veined and suffused pale peach red. The plant is a very strong, vigorous grower and profuse bloomer. \$1.00 each. \$10.00 doz.

Harry Deitz. Hybrid Decorative. The flowers have splendid form and straight, stiff stems. They are large, of wonderful texture and last a long time on the plant and after cutting. A very strong vigorous grower and profuse bloomer. Color, light lemon yellow, suffused and overlaid rose red, tipped lighter; a most pleasing and effective color combination. Splendid for exhibition, cutting or the garden. \$1.50 each. \$15.00 doz.

Washington City. Colossal Cactus. A perfectly gorgeous snow white variety, of beautiful form. The flowers are unusually large and are borne on long stems. 75c each. \$7.50 doz.

Breeze Lawn. Decorative. Flowers are a dazzling vermilion, of immense size, perfect form and full center. Early and profuse bloomer. 75c each. \$7.50 doz.

Hortulanus Fiet. Decorative. One of the loveliest dahlias that ever came from Holland. The color is a creamy-salmon, shading to soft yellow. The flowers are large, and the formation and stems are both excellent. Free flowering. \$1.00 each. \$10.00 doz.

Mrs. J. H. Harrison Dick. Decorative. See illustration. One of the most valuable new varieties of recent production. Color, citron yellow at center, outer petals suffused and overlaid salmon pink. The plant is a wonderful grower of medium height, producing perfect flowers in greatest profusion. 50c each. \$5.00 doz.

Sheba. Decorative. A remarkably charming and effective variety that is sure to become a universal favorite. Color, petal tips white; broad band of white along midvein toward base, both edges cardinal—darkest on opening petals at center. Its form is artistic, loose and fluffy. The flowers are 5 to 6 inches in diameter with beautiful full, pointed centers. Petals recurved, twisted and whorled. A perfect beauty. \$1.00 each. \$10.00 doz.

Queen Elizabeth. This new Pæony Dahlia is the highest type yet produced in the class. The flowers are over 7 inches in diameter and are of a beautiful rosy mauve color. They grow on long slender, yet stiff stems which hold the flowers very erect. The plant is a very clean, strong grower and free bloomer, every shoot producing a flower. The color improves, they keep longer and are at their best just before frost. 35c each. \$3.50 doz.

Select Garden Dahlias

Mailing Weight 1 Lb. per Root

Parcel Post Rates, see Page 1

General list of new introductions and fine standard varieties

We will sell six at dozen rate.

Ten Grand Dahlias

Set of ten for \$8.50

We here offer ten of the best varieties in cultivation and especially selected for their value as cut flowers, vigorous growers and free bloomers. Wonderful combinations and harmonious blendings of magnificent colors. We offer them with the utmost confidence that they will give the greatest satisfaction to dahlia lovers who want the very best in quality.

Betty Austin. Cactus. The absolutely perfect dahlia. A Hybrid Cactus that is in a class by itself. The flowers are full to the center up to frost. Color, yellow at base of petal, blending to rosy carmine and rose, yellow at tips; reflex rose. The flowers are about 7 inches in diameter. A wonderful commercial cut flower and an ideal garden plant. It is entirely distinct and worthy of a place in every collection. \$1.00 each. \$10.00 doz.

Rosalia Styles. Colossal Pæony. The largest and best of this class. Beautiful form, immense size, stiff stems, strong, vigorous, sturdy plant, a free bloomer, a wonderful live lustrous color—bright tyrian pink, tipped lighter; reflex pink. A superb cut flower variety, on account of its clear first opening, giving good depth. Flowers 8 to 9 inches in diameter. They attract attention wherever seen and will be universally grown. \$1.50 each. \$15.00 doz.



Mrs. J. H. Harrison Dick

Superb New Cactus Dahlias

Attraction. Large elegant flower of a clear lilac rose. Borne on long stiff stems, and a Dahlia of exceptional merit. A true Pæony Cactus type. 75c each. \$7.50 doz.

Decision. A fine cactus, with long narrow incurved petals. Color deep yellow at center shading to golden bronze. 50c each. \$5.00 doz.

Electric. This is one of the most charming varieties. The color is rich, clear canary yellow, each petal heavily tipped white. The flowers are large and finely formed with incurved petals. 50c each. \$5.00 doz.

Elsa. White, suffused yellow, overlaid pink and edged carmine rose. Very effective and pleasing. 25c each. \$2.50 doz.

Francis White. A splendid new white cactus of exquisite form with long narrow incurved and twisted petals. Large size, 5 to 7 inches across, borne on long graceful stems. Color pure white shading to sulphur at center. An early and extremely profuse bloomer. One of the best for garden and exhibition. 25c each. \$2.50 doz.

F. W. Fellows. Flowers of immense size. Composed of numerous long narrow incurved petals of a lively orange scarlet. This one of the largest and finest autumn shade varieties. Should be in every collection. 75c each. \$7.50 doz.

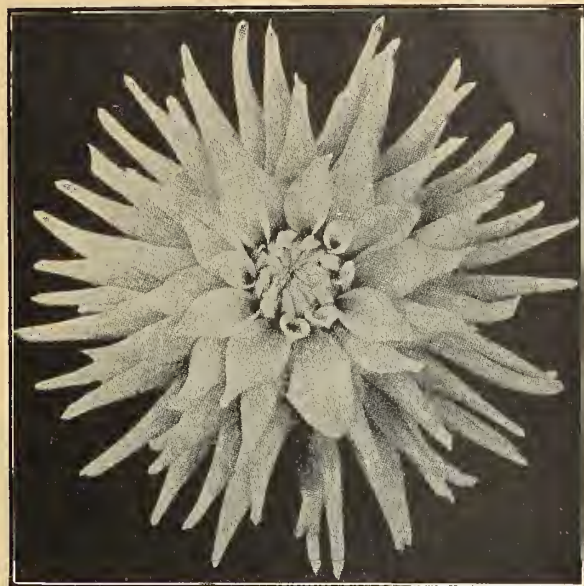
General Pershing. A very large creamy white hybrid cactus, with curved and twisted petals. A strong vigorous grower and profuse bloomer. Color white with cream shadings at center. 25c each. \$2.50 doz.

Golden Eagle. Very large bright yellow suffused rose fawn. The petals are long, narrow and pointed. Produced on extremely long graceful stems. A profuse bloomer. 35c each. \$3.50 doz.

Harlequin. Bright carmine, edged and tipped white. A most beautiful flower. 25 each. \$2.50 doz.

Lacemaker. An unusually attractive flower with beautifully incurved, quilled petals. Its color is a bright, rich crimson, tipped white. 50c each. \$5.00 doz.

Lawine. A magnificent flower on long stems. A large white, lightly suffused pink. A strong vigorous grower, early and profuse bloomer. One of the best for commercial cut flowers and for the garden. 25c each. \$2.50 doz.



Mrs. Leo Niesson

Libelle. Another grand variety of medium size and a profuse bloomer. Color a beautiful aster purple; very affective. 25c each. \$2.50 doz.

Marjorie Castleton. The best standard pink Cactus Dahlia. It is much softer than most of the pinks, and is an early, continuous bloomer. The color is soft rosy pink, tinting lighter toward the center. It is a very rapid grower, with good long stems and keeps well after cutting. 25c each. \$2.50 doz.

Mme. Eschenauer. An ideal dahlia of exceptional merit. Most pleasing and effective color, being yellow at the base of petals, passing to creamy white, suffused and tipped pale lilac. A most attractive delicate flower. 35c each. \$3.50 doz.

Nibelungenhort. Immense flowers 7 to 8 inches across, rich golden apricot, suffused old rose. The plant is also a giant, being strong and vigorous, producing the massive flowers early and freely on long stiff stems. It is entirely distinct, does well everywhere and should be in every garden. It is a fine exhibition variety. 50c each. \$5.00 doz.

Pink Pearl. Bright rose pink tipped white; fine form and profuse bloomer. 25c each. \$2.50 doz.

Queen of Hearts. A beautiful pure white with yellow at the base of petals, making it a most lovely and effective flower. 25c each. \$2.50 doz.

Reine Cayeux. Rich glowing cardinal red. An early and extremely profuse bloomer with good stems. A grand garden and cut flower variety. 35c each. \$3.50 doz.

Rube Girl. Color soft yellow, suffused, overlaid and tipped coral red, giving the flower a bronzy effect, that lights up wonderfully under artificial light. It is an early and extremely free bloomer, producing the always perfect flowers on long stiff stems. 50c each. \$5.00 doz.

Sequoia. Large golden bronze, fine form, long stiff stems. A strong grower and profuse bloomer. One of the best. 25c each. \$2.50 doz.

Yellow King. One of the largest of all cactus Dahlias, being of gigantic size and the finest of the type. Color light yellow, tinting to cream at the tips, giving it a most pleasing effect. The immense flowers are borne on long stiff stems. 35c. each. \$3.50 doz.



Queen Mary



Kitty De La Mare

New Decorative Dahlias

Break O' Day. A new giant flowered dahlia that should be in every collection. Its immense size is relieved by a beautiful irregular formation and its soft color. A delicate clear sulphur yellow, tinting to sulphur white at the tips. The petals are of great substance, illuminated by a satiny sheen, giving the flowers a waxy appearance. A strong vigorous grower and free bloomer with erect stems. 50c each. \$5.00 doz.

Berch Von Heemstede. Pure yellow, suffused a golden bronze; petals beautifully twisted and whorled. A real beauty. 50c each. \$5.00 doz.

Breckloit. A new creation that will soon find its way into every dahlia garden. Color a rich velvety crimson shading to maroon. Flowers large 6 to 8 inches and held on stiff erect stems well above the foliage. The plant is a strong vigorous grower, of branching habit and an extremely early and profuse bloomer. 50c each. \$5.00 doz.

Delice. One of the loveliest of this class, on account of its wonderful color; a bright luminous pink entirely distinct. The flowers are held facing, well above the foliage on straight stiff stems. 35c each. \$3.50 doz.

Flora. A splendid large snow white, of finest form on long stems. An early and profuse bloomer. 25c each. \$2.50 doz.

Grand Duke Alexis. A very large flower with quilled petals. Color white, lightly edged lavender pink. A strong grower and free bloomer. One of the best. 35c each. \$3.50 doz.

Hochsai. Very large flowers borne facing on long stiff stems. Color soft scarlet tinting lighter at the tips. 35c each. \$3.50 doz.

Jack Rose. The best crimson for garden or cutting; that brilliant crimson red that made the "Jack" Rose popular and suggested the name. 15c each. \$1.50 doz.

Jumbo. Deep red, shaded maroon, very fine. 25c each. \$2.50 doz.

Kitty De La Mare. It is a very strong vigorous grower, very branching habit, producing flowers of medium size and lovely primrose tinged pink color on long stiff stems in the greatest profusion. 35c each. \$3.50 doz.

Le Grand Manitou. Immense size; lilac penciled crimson, extra fine. 50c each. \$5.00 doz.

Marcella. A splendid medium sized flower of clear bright luminous pink, tinting lighter at tips of petals and yellow at base. Fine for cutting and an ideal garden plant. 50c each. \$5.00 doz.

Mina Burgle. This splendid variety was raised by Burgle, gardener at Mare Island Navy Yard. It is considered one of the world's best red dahlias. It is of splendid form and its color is a rich cardinal red. The plant is a strong vigorous grower and produces its flowers freely on long stiff stems. 35c each. \$3.50 doz.

Mrs. Bertha Morris. A magnificent flower of large size and richest crimson color. 50c each. \$5.00 doz.

Mrs. C. H. Breck. Large, regular perfect form. Color soft yellow, suffused and tipped carmine, bright and effective. The flowers are large and borne on stiff erect stems. 50c each. \$5.00 doz.

Mrs. J. Gardner Cassatt. Bright cerise pink, large flowers on long stiff stems. 25c each. \$2.50 doz.

Perle De Lyon. Splendid pure white. Truly a beautiful flower. 25c each. \$2.50 doz.

Pink Jack Rose. A pink sport of "Jack Rose"; a very free bloomer and fine for cutting or bedding. 20c each. \$2.00 doz.

Queen Mary. A grand decorative that has proven its worth as the best deep pink for all purposes. The size is large, full high center, even up to November, when killed by frost. Color a clear silvery cerise pink. The plant is a strong, healthy, vigorous, upright branching grower, producing its flowers on long stiff stems. 35c each. \$3.50 doz.

Sebastopol. A Burbank creation that has never been equalled in its class and color. Rich golden scarlet, always full at the center. 25c each. \$2.50 doz.

Sylvia. Deep pink, tinting to light pink at the center. 25c each. \$2.50 doz.

Yellow Colosse. Clear canary yellow of fine form and produced freely on long stems. The plant is a strong, vigorous grower with luxurious lace-like foliage. 35c each. \$3.50 doz.

Patrick O'Mara. The best Autumn Shade variety in existence. The color is an unusually soft and pleasing shade of orange-buff and slightly tinged with Neyron Rose. Blooms extremely large 7 to 9 inches in diameter, and borne on long stiff stems. Vigorous grower and free bloomer. \$1.00 each. \$10.00 doz.



Marcella

New Pæony Dahlias

Ann Duskin. A new and entirely distinct variety. The flowers are of good size, richest maroon, shading to jet black at the center as the flower is opening. The plant is a free grower and produces the beautifully formed flowers on long, slender, erect stems. 75c each. \$7.50 doz.

Canada. One of, if not the largest of all white Pæony Dahlias. The flowers are massive, with heavy petals and are held erect on long stiff stems. An early, free and continuous bloomer. The flowers are exceptionally fine for cutting, exhibition or garden. \$1.00 each. \$10.00 doz.

Cream King. A beautiful pale yellow of exquisite form. A continuous bloomer. 75c each. \$7.50 doz.

Diemont von Bystein. Large white suffused and shaded blue lilac. Very fine form and a free bloomer. 35c each. \$3.50 doz.

Dr. John Lane. A most pleasing Pæony of the Geisha type, but larger and softer in coloring, while the plant is much stronger and more vigorous, with dark healthy foliage. Color yellow, suffused golden orange at the base of petals, shading to rich bronzy scarlet toward the center and tinting lighter at the tip. \$1.00 each. \$10.00 doz.

G. H. Mastick. A strikingly beautiful variety. The flowers are large and of an exquisite shade of lilac delicately penciled crimson. Excellent for cutting or for the garden. 35c each. \$3.50 doz.

Mrs Howard M. Earl. An exquisite pæony, light yellow, suffused and overlaid carmine scarlet, tipped yellow. A refined and glorified Geisha. 75c each. \$7.50 doz.

Mrs. Thomas Bush. Color reddish salmon tinting to primrose yellow at center and tipped rose. The flowers are large and are carried on long erect stems. 35c each. \$3.50 doz.

Mrs. Wm. Kerr. White suffused pink, overlaid bright carmine. Beautiful form and excellent for cutting or for the garden. 50c each. \$5.00 doz.

Old Sol. Primrose yellow, shaded coppery red, with golden bronze suffusion. A splendidly formed Pæony Dahlia, of large size, on long graceful stems. 35c each. \$3.50 doz.

Pink Perfection. Luminous silvery pink, of large size and splendid form on long stiff stems. 50c each. \$5.00 doz.

Unique. This is not only unique in coloring, but in form. Half of the flowers are perfectly full at the center, of fine regular form; the other half of them have numerous curled and twisted petals, almost covering the center and other fantastic forms. Color is rich rosy mauve, with crimson shade at base of petal, very striking and effective. 35c each. \$3.50 doz.

Tyrral Austin. An early and profuse bloomer and vigorous grower. Color, outer petals a rich carmine red, inner petals beautifully blended and veined carmine shades of yellow and pink. 75c each. \$7.50 doz.

Select Ball Dahlias

Arabella. This is a beautiful soft primrose color suffused pink and edged rose. 35c each. \$3.50 doz.

Carol. A most attractive ball of small size, but beautifully formed, with quilled petals and clear pink color. Large strong plants producing the lovely flowers freely on long stiff stems. 25c each. \$2.50 doz.

Flora Nova. A beautiful crimson, shaded plum; quilled petals, dwarf plant. 25c each. \$2.50 doz.

Gussie. Medium size of splendid shape, white with pink center. Very effective; profuse on long stems. 25c each. \$2.50 doz.

Mary Pickford. A large soft primrose, edged and suffused rose. A strong grower and free bloomer. A favorite. 25c each. \$2.50 doz.

Mrs. Thos. Sharp. This is one of the most exquisite in coloring and habit. A rich golden orange of rather loose formation, but very regular and always full to the center; medium to large size. The plant is a dwarf branching habit and an extremely profuse bloomer. Fine for cutting or the garden. 35c each. \$3.50 doz.

Queen Victoria. This is a rich golden yellow variety. A profuse bloomer. 25c each. \$2.50 doz.

Stradella. Deep purple crimson, early and profuse. 25c each. \$2.50 doz.



Pink Perfection



Mina Burgle



Mrs. Thomas Sharp

Ball Dahlias—Continued

Tansboro. Crimson shaded maroon, white suffused crimson at the base of the petals, early and profuse. 25c each. \$2.50 doz.

White Swan. Pure white the standard commercial white Ball Dahlia. A strong grower and profuse bloomer. 25c each. \$2.50 doz.

New and Superb Century Dahlias

Autumn. A wonderful combination of autumn shades. Exceptionally large, free flowering and fine. 35c each. \$3.50 doz.

Cream Century. A delicate creamy white. Early and profuse bloomer. 25c each. \$2.50 doz.

Evelyn. A most delicate pink-shaded rose. It is very bright and effective, an early and profuse bloomer. 25c each. \$2.50 doz.

Gloxinia. A brilliant deep rose. Especially beautiful when contrasted with Evelyn. 50c each. \$5.00 doz.

Ocala. Very large, clear red, tipped yellow; most effective. 35c each. \$3.50 doz.

Pink Century. Clear soft pink shading to clear deep pink. Very beautiful. 25c each. \$2.50 doz.

Red Century. A free bloomer, red; of fine form and substance. Excellent for the garden or for cutting. 25c each. \$2.50 doz.

Sunset Century. Most strikingly effective. Yellow at the base of petal outer half deep rich vermilion. 35c each. \$3.50 doz.

Yellow Century. A magnificent yellow of largest size, beautiful form and a profuse bloomer. The flowers are carried on unusually long strong stems. 25c each. \$2.50 doz.

Collection No. 1—\$4.25

Betty Austin (Cactus) Hortulanus Fiet (Decorative)
Queen Elizabeth (Peony) Sheba (Decorative)
Harry Deitz (Decorative)

Collection No. 2—\$4.50

Rosalia Styles (Peony) Mrs. Harrison Dick (Decorative)
Mrs. Leo Niessen (Cactus) Washington City (Cactus)
Breeze Lawn (Decorative)

Collection No. 3—\$5.00

(Cactus)

Betty Austin Harlequin
Washington City Libelle
Attraction Marjorie Castleton
Decision Yellow King
Golden Eagle F. W. Fellows

Collection No. 4—\$2.50

(Decorative)

Breckloit Sebastopol
Delice Yellow Colosse
Flora Berch Von Heemstede
Jumbo Mrs. J. Gardner Cassatt

Collection No. 5—\$2.50

(Peony)

Ann Dustin Pink Perfection
Cream King G. H. Mastick
Old Sol

Collection No. 6—\$3.25

(Cactus, Decorative, Peony, Ball, Century)

Electric Mrs. Thos. Bush
Reine Cayeux Mrs. Thos. Sharp
Marcella Stradella
Break O' Day Evelyn
Diemont von Bystein Red Century

Bolgiano's Excelsior Double Pearl Tuberoses*Postage extra and must be included with remittance**Mailing Weight 1 Lb. per Doz. 7 Lbs. per 100. Parcel Post Rates, see Page 7*

One of the most fragrant and most popular of the Summer flowering Bulbs. Easily recognized by its fragrance and beautiful flower spikes, which are borne on long stems, making it an admirable cut flower for house decorations. Plant in open ground after the first day of May. If started in pots and then transplanted to open ground can be had much earlier.

MAMMOTH BULBS

Bolgiano's Mammoth Excelsior Dwarf Pearl Tuberoses are a special selection which we have perfected after years of reselecting and improving. This mammoth strain is positively the highest type of Tuberoses. The kind to grow if you desire prize blooms. Prices: 10c each. \$1.00 doz. \$6.00 per 100.

First Size Bulbs. These are choice, selected stock, free flowering, which are borne on long stout stems. They are the kind that are ordinarily sold for Mammoth bulbs. Prices: 6c each. 60c. doz. \$3.50 per 100.

Fertilizers for the Farm, Garden and Lawn

We present a list of our brands of Fertilizers. You cannot judge the merits of a Fertilizer only by the analysis, but you must have a knowledge of the basis from which it has been made.

It is a well-known fact that the animal waste products produced in the abattoirs give the purest and most available basis for Ammonia and Phosphoric Acid. This is the basis of our goods. The company that manufactures our Fertilizers own and control a sufficient number of abattoirs, independent of the meat trust, to secure for our goods this unexcelled source of our plant food. The expense is almost as much working and reaping one-half a crop as it would be harvesting a full crop, which a good fertilizer would help to produce.

The four columns in the Analysis represent the following ingredients respectively: Ammonia, Phosphoric Acid, Potash, Bone or Phos. of Lime.

	Analysis	Ton	½ Ton	500 Lbs.	100 Lbs.	50 Lbs.	25 Lbs.
Wonder Worker.....	10-6-2	\$90.00	\$45.00	\$23.50	\$4.75	\$2.50	\$1.50
Potato Guano	7-6-5	57.00	28.50	15.00	3.35	2.00	1.15
High-Grade Trucker	5-8-5	49.00	24.50	13.00	3.00	1.90	1.10
Early Truck and Vegetable Grower.....	4-8-5	45.00	22.50	12.00	2.75	1.75	1.00
Bull Head Fertilizer.....	3-8-3	37.50	18.15	10.25	2.50	1.50	1.00
Corn and Cereal Special.....	2-8-2	31.00	15.50	8.50	2.00	1.25	.75
Dissolved Organic Compound.....	1-9-3	28.00	14.00	7.75	1.90	1.00	.60
Sure Grower	1-8-4	29.00	14.50	8.00	2.00	1.25	.75
Crop Producer	1-10-2	29.50	14.75	8.25	2.00	1.25	.75
Pure Raw Bone Meal.....	4¼-0-0-48	65.00	32.50	17.00	3.75	2.25	1.25
Pure Ground Bone.....	3-0-0-50	57.00	28.50	15.00	3.35	2.00	1.15
Acid Phosphate	0-16-0	19.00	9.50	5.50	1.50	1.00	.60
Potash and Available Phosphate.....	0-10-2	24.00	12.00	6.75	1.70	1.15	.85

Nitrate of soda market fluctuates, please write for our lowest prices.

Blood Meal—for Roses



Rose growers have learned in the past few years that Blood Meal is one of the most valuable fertilizers for Roses. It contains the proper plant food that Roses require, both for the growing of new wood and blooms. If you will use Blood Meal several times during the season, you will always have an abundant supply of blooms until late Fall.

It is well to remember that all plants require the proper kind of food if they are to do their best. After carefully studying the requirements of Roses, we can recommend Blood

Meal to be the very best Rose tonic.

A tablespoonful to be sprinkled around the Rose Bush, about one inch away from the Bush, every two weeks. It is also very valuable as a top dressing in the vegetable garden, flower garden, around house plants, trees and in hot houses. 1 Lb. 10c. 3 Lbs. 25c. 5 Lbs. 40c.

STIM-PLANT

PLANT STIMULANT TABLET

This highly concentrated fertilizer is clean, odorless, economical, easy to use in dry or liquid form, and it makes all plants grow vigorously, and flower and fruit profusely. We know of nothing to equal it for all purposes. Very high analysis—11 per cent nitrogen, 12 per cent phosphoric acid, 15 per cent potash—with no useless, wasted filler. You simply insert tablets in soil near plants, or dissolve in water at rate of 4 tablets per gallon and apply as liquid manure.

Makes a Wonder Garden

Stim-u-plant greatly increases productiveness, color and flavor of fruits, berries and vegetables, and makes beautiful richly fragrant flowers in abundance. Reports from users all over the country—both amateurs and professionals—praise it highly, and many buy five or ten thousand tablets at a time. Prices, postpaid: Small size, 25c. 100 tablets, 75c. 1,000 tablets, in bucket, \$3.50.



BEAUTIFUL FLOWERS, DELICIOUS VEGETABLES, LUXURIANT HOUSE PLANTS

All these Pleasures are Assured if You Use **BON-ARBOR**, the Ideal Food and Tonic for Household Plants and Home Flower and Vegetable Gardens—Clean, Safe, Odorless, Effective.



Bon-Arbor is immediately soluble in cold water, therefore all the properties are available to plant life from the moment of application. It is quick in action, enabling you to see its effects in from 3 to 10 days on any quick growing plants, vegetables and lawns, and on slower growing plants in a proportionate time. It being complete food, containing Nitrogen, Potash and Phosphoric Acid in sufficient quantities, will sustain growth it makes.

BON-ARBOR Is Put Up As Follows:

½ Lb. package, making 15 gals., by mail postpaid..... 35c
1 Lb. package, making 30 gals., by mail postpaid..... 60c

WHITE ROSE PLANT FOOD

Puts **PEP** Into

LAWNS, FLOWERS & SHRUBS

Buy a Package and Watch Them Grow

The ingredients are of such a nature that the plant is supplied with food during all stages of its growth.

ANALYSIS.—Ammonia 5 per cent, Available Phosphoric Acid 8 per cent, Potash (soluble in water) 3 per cent.

For old lawns apply at the rate of 2 Lbs. to every 100 square feet, for new lawns at the rate of 2½ Lbs. to every 100 square feet.

Packed in the following sizes: 1 Lb. pkg. 25c. 5 Lb. pkg. 75c. 10 Lb. pkg. \$1.25.

For parcel post delivery add your zone rate,



Enormous Crops of Hay are Produced from Bolgiano's "Monumental" Brand Seeds



Bolgiano's "Monumental" Brand Field Seeds

REPRESENTS THE BEST SEED OBTAINABLE BOTH AS RESPECTS PURITY AND GERMINATION. YOU ARE ALWAYS SAFE WHEN YOU ORDER "MONUMENTAL" BRAND FIELD SEEDS

Owing to the new crop not being on the market when this catalog goes to press, we are unable to make prices on a number of items. We ask, therefore, that you kindly write us for prices. All prices subject to market changes

POSTAGE EXTRA AND MUST BE INCLUDED WITH REMITTANCE. PARCEL POST TABLE SEE PAGE 1

Alfalfa Seed

Alfalfa Yields Splendidly Throughout the South, Yielding 4 to 6 Cuttings Per Year, Increasing Yield Each Successive Year

1128. Alfalfa ranks higher than Timothy hay in feeding value. In fact it might be termed both corn and hay, as it is almost a complete food. Experiment stations place the feeding value of Alfalfa hay at \$20 per ton, as against Timothy hay at \$12 per ton. This, with the fact that Alfalfa will, under favorable circumstances, after a good stand is secured, give 4 to 6 cuttings per year, and will easily yield on good land 6 to 16 tons of splendid hay per year, shows what a valuable crop it is. Lands in the Western States that are well set in Alfalfa sell readily at from \$100 to \$200 per acre; so that a crop of this kind pays for the little extra care and preparation given to secure good stands and good crops; better to have five acres well set in Alfalfa by thorough preparation than to attempt to put in 10 acres without first-class preparation. The acreage of Alfalfa is increasing very largely all over the Middle and Southern States; our farmers are fast beginning to realize what a valuable crop it is for this section. Alfalfa will succeed and do well on any good loamy, well-drained soil, but the land must be well and thoroughly prepared for the best results. The plant is rather slender when it first starts, and must be grown under favorable conditions in order to get ahead of the weeds and other grasses which would, under ordinary circumstances, spring up naturally and check it or smother it out.

Alfalfa should always be cut when just commencing to bloom whether the plants be large or small. If the seed is allowed to form the growth of the plant ceases. It should never be used for pasture; it is too valuable as a hay producer to risk injury from stock. Alfalfa can be sown either in the Spring or Fall. The requirements to obtain good stands and good crops is to sow in good, rich soil and give thorough preparation. A heavy application of lime is of decided benefit—2000 to 5000 lbs. per acre. Alfalfa is usually sown broadcast at the rate of 20 to 30 lbs. to the acre, although some of our customers claim that thicker seedings give better crop results. March and April are the best months for seeding in the Spring, and the latter part of August and during September the best in the Fall. Our Alfalfa seed is the highest grade, strong germinating seed of the best and cleanest quality it is possible to procure. The quality and germination of the seed is a prime requisite for success with this crop. Land well set in Alfalfa is better than a bank account, producing continuously increasing crops for years and is worth a little trouble and expense to secure a first-class stand.

Price "Monumental" Brand Fancy Seed, Bu. of 60 lbs \$16.80. Prices fluctuate. Write us for market prices.

Clovers

1132. **Alsike Clover.** Alsike Clover grows thicker and is finer in growth than Red Clover, making better hay and probably more and better grazing. It is also hardier, resisting extremes of heat and drought and also severely cold weather to a remarkable extent. It is perennial and does not winter kill. It succeeds on a variety of soils, light upland loamy lands as well as stiff bottom lands. It will do better on moist land than any other Clover. It is surer to give a good stand and make good crops than either the Red or Mammoth Clover, and in sections where these Clovers have been uncertain Alsike is superseding them altogether. When sown with other grasses it forms a quick undergrowth and greatly increases the yield. It is well adapted for sowing with Red Clover, Timothy, Herd's Grass, as it matures with these grasses, but flowering a little later than Red Clover. Price: "Monumental" Brand seed, Bu. of 60 lbs. \$15.00. Write for latest prices.

1129. **Crimson Clover Seed.** New Crop. The Great Nitrogen Gatherer. The best crop for hay, soiling and green manuring. Fall, Winter and Spring pasturing. Crimson Clover furnishes an abundance of nutritive forage at seasons when pastures are dead. It is an unfailing supply of manure. It solves the problem of cheap manuring. It is a great nitrogen gatherer and economizer in the use of fertilizers. Valuable for planting in orchards, berry patches and for sowing among cultivated crops, such as Cabbage, Corn, Tomatoes, Cotton Tobacco. Improves poor land, restores to fertility those that have been worn down by excessive cropping. May be planted in the Spring, Summer or Fall. Splendid for reseeding Red Clover that has been winter killed. Sow 15 lbs. to the acre. Price, "Monumental" Brand Lb. 15c. Bu. of 60 lbs. \$7.50. Write for latest market prices.

Clovers—Continued

1113. **Japan Clover.** We do not recommend this Clover for land that can be successfully grown in any grasses or clover, but on waste land or poor, worn-out soils it will furnish excellent nutritious pasturage. Sow at the rate of 10 lbs. per acre, in March or April. Lb. 35c. 10 Lbs. or over at 30c. Write us for latest market prices.

1130. **Medium Red Clover.** This is regarded as the most valuable of the Clover family and is largely used for pasturage and hay. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It makes two crops each year. The first is usually cut when it is in blossom for hay. The last crop may be harvested for seed, cut for hay or plowed under to add fertility to the soil. For hay, it is particularly well adapted for sowing with Orchard and Tall Meadow Grass, as it ripens at the same time, and sowing these three grasses together will give larger yields and better quality hay than sowing either alone. It is also largely sown with other grasses, both for hay and pasturage. Information as to quantities required per acre when sown in combination with other grasses will be found under the heading of Orchard Grass, Tall Meadow Oat Grass and Timothy. When sown by itself, sow 10 to 12 lbs. to the acre, either in the Spring or Fall, or at the last working of corn. Owing to the extreme high market, at the time this catalogue was printed, we could not make prices, please write for latest quotation.

1131. **Mammoth or Sapling Clover.** Is similar to Red Clover in appearance of seeds and habits of growth, the difference being larger growth and later maturing. It is often used for hog pastures. As a soil improver to plow under it is considered superior on account of its extra growth. It is a good variety for thin soils or to seed with Timothy, Meadow Fescue, Herd's Grass or Red Top, as it matures about the same time as these grasses. Sow 10 to 12 lbs. to the acre when sown alone. When sown with Timothy use 6 lbs. Sapling Clover and 8 lbs. Timothy to the acre. Please write for latest prices.

1133 **White Clover.** This is largely used in lawn and permanent pasture mixtures, and is indigenous to the soils throughout the Middle and Southern States. It makes a small, close, compact growth, covering the ground like a carpet. It affords excellent food for bees. Sow in either Spring or Fall. When sown by itself, at the rate of 5 to 6 lbs. per acre. It is better, however, sown in mixture with other grasses. Price, "Monumental" Brand Fancy, ¼ Lb. 25c. ½ Lb. 45c. Lb. 75c. 10 Lbs. or over at 70c.

1304 **Hubam White Blossom Sweet Clover**

An annual variety of White Sweet Clover which has just recently come into prominence. Price 35c Lb.



Bolgiano's Monumental Brand Red Clover

1205. **White Blossom Sweet Clover or Bokhara.** (Hulled.) *Melilotus Alba.* A strong growing perennial of value for green manuring, especially South; also largely grown for the excellent food it affords throughout its season for bees. Sweet Clover will provide more feed per acre than any other form of grass. One farmer declares that five acres of Sweet Clover carried more stock than forty acres of Timothy and Clover would. Sweet Clover stands drouth well and does not cause stock to bloat. "Gold" Brand 25c. Lb. Bu. 60 lbs. \$13.20.

1228. **Yellow Blossom Sweet Clover.** (*Melilotus Indica.*) A strong growing annual, valuable for inoculating soil with bacteria previous to growing Alfalfa, also good for hay and pasture as well as a splendid producer of honey. Lb. 27c. Bu. of 60 lbs. \$13.80. Prices fluctuate.

Grasses

Timothy

1117. **Timothy.** Of Hay Grasses Timothy is one of the most popular, nutritious and salable. On clay or heavy loams, lowlands or in mountainous districts, provided there is an abundance of moisture, it produces the very best results. On sandy or light loamy ground it does not do so well as Orchard, Tall Meadow Oat or Red Top Grass.

Clovers grow well with Timothy and aid it by supplying nitrogen. Timothy alone a peck (11 lbs.) to the acre or with clover 10 lbs. Timothy and 6 lbs. Clover. A splendid mixture is 8 lbs. Timothy, 6 lbs. Clover (either Mammoth Clover, or Alsike Clover preferred, as they mature at the same time as Timothy), 6 lbs. Fancy Red Top, ½ bu. Meadow Fescue. Together these will produce most excellent hay, also nutritious and abundant pasture in good loamy clay or low ground soils; 8 lbs. Timothy and 6 lbs. clover when sown together. Prices: "Monumental" Brand, 20c Lb. Pk. \$1.25. Bu. of 45 lbs. \$4.50. Market fluctuates.

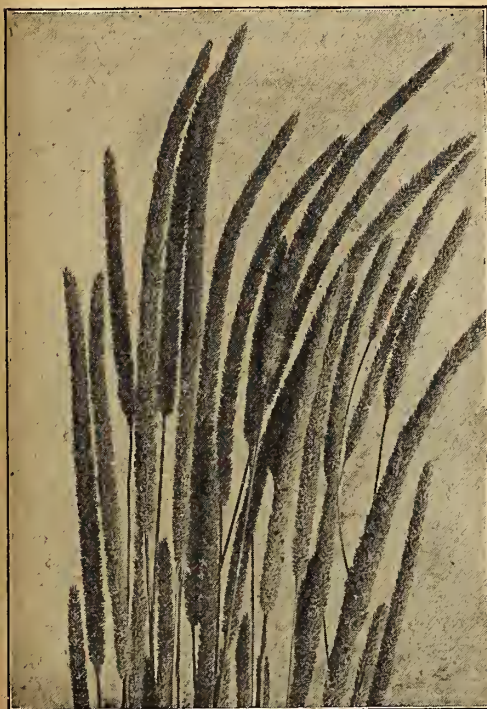
Timothy and Alsike Clover Mixed

Where Alsike Clover and Timothy are grown together, and the seed is saved therefrom, it is impossible, in cleaning, to make a complete separation of the two.

On this account we purchase the seed for less money and we can sell it for less than would be the case if a perfect separation could be made.

Those desiring to sow Alsike and Timothy together can save considerable money by buying the seed of these two varieties together as originally harvested.

For hay, the Alsike and Timothy Mixture is very valuable on soils too moist for Red Clover. Alsike is suitable for either hay or pasture. It is finer and more leafy than Medium Red Clover and cattle prefer it. "Monumental" Brand, 20c Lb. 50 Lbs. or over at 15c Lb.



Monumental Brand Timothy

Grasses—Continued

Canada Blue Grass

1120. Resembles somewhat the Kentucky Blue Grass. It will thrive even on hard clay soil where there is not quite enough lime and fertility for Kentucky Blue Grass, and having an excellent root development forms a heavy turf. At the Maryland Experiment Station this Grass remained a luxuriant green during the hottest summer when other Grasses were materially affected by the heat. Being a Grass of Canadian growth it stands the cold weather admirably. Canadian Blue Grass does not thrive when planted with Clover. Red Top and Orchard Grass are the best for mixing with it to grow on inferior soils. On good land it becomes tall enough for hay, and as it shrinks very little in drying the hay is heavy for its bulk. Grows from one to two feet high. Sow 30 lbs. of seed to the acre. Price: "Monumental" Brand Seed, Lb. 35c. Pk. \$1.25. Bu. of 14 lbs. \$4.50.

Kentucky Blue Grass

1118. This grass is not only the best for lawn purposes, but makes the sweetest and most nutritious pasture for all kinds of stock. Kentucky has long been famous for its high bred horses and its Blue Grass pastures. It is now possible to establish on most any farm a Blue Grass pasture of greenest verdure which will give very profitable returns. This Grass is the first to start up in the Spring and remains green until snow flies in the Fall. It is very hardy and is uninjured by cold or dry weather, hot sun or tramping of hoofs. The roots are so thick and stout that they form a tough sod. Blue Grass requires about two years to get well started and for that reason it is often sown in mixture with other Grasses. It will do well on almost any land, but does best on well drained clay land. Sow in the Fall or Spring at the rate of two or three bushels per acre. Price: "Monumental" Brand Seed, Lb. 45c. Pk. \$1.65. Bu. of 14 lbs. \$6.00.

Sudan Grass

It is a tall annual grass reaching a height of 7 to 9 feet when planted in rows and allowed to mature for seed crop; broadcasted and cut in the bloom for hay, about 4 feet. The results have been so satisfactory that it is now established one of our permanent forage crops. It is easily cured and handled as hay crop. Stock of all kinds eat it readily and will leave any other hay for it. The food value is second only to Alfalfa. Should not be planted until the soil becomes warm in the Spring. Two to four cuttings per year can be obtained when sown broadcast for hay; the number of cuttings secured depends upon the length of the season and the moisture. The first crop will mature in from 50 to 60 days, and the second crop is ready for harvesting in from 20 to 30 days. Three tons of cured hay per cutting per acre has been secured, and three cuttings made. It is a great drought resister and is particularly adapted to semi-arid regions. It is an annual and must be seeded each Spring. A good Silage Crop when sown with Cow Peas or Soja Beans. Seed 40 lbs. to the acre. Price Lb. 20c. 100 Lbs. \$15.00. Write for latest prices.



Monumental Red Top

Red Top or Herd's Grass

1111. This Grass makes excellent pasturage and good crop of fine quality hay, and succeeds on a greater variety of soils than any other in general use, giving very good results on light soils. The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for Timothy and Kentucky Blue Grass. It is a good variety to sow with Timothy and Clover for meadow or pasture and is more permanent than either of the other two. It should be fed close, as if it is allowed to grow up to seed the cattle dislike it. On good soil it grows about two feet high; on poor, gravelly land about half that height. It has been grown successfully even on alkali land where other grasses failed. Red Top, commonly known as Herd's Grass, should be extensively grown, especially with other grasses. It requires about 8 to 10 pounds to seed an acre of the Fancy Clean seed. When sowing with Timothy, sow 6 pounds of the Fancy Clean seed and 8 pounds Timothy per acre. It can be sown either in the Spring or Fall. Price: "Monumental" Brand Fancy Seed, Lb. 25c. 10 Lbs. or over at 20c lb. Prices fluctuate; latest prices quoted upon application.

Meadow Fescue, Randall or English Blue Grass

1122. **Meadow Fescue, Randall or English Blue Grass.** It makes a most excellent hay and pasturage Grass and is particularly valuable for Fall and Winter pasturage, as it remains green throughout the Winter. It is also a splendid Spring and Summer Grass and usually makes more and thicker leafage than any other Grass. Grows 2 to 3 feet high, but not in tufts like Orchard Grass. The hay is very nutritious and cattle thrive on it whether dry or green. Succeeds even in poor soil, and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it. It succeeds well in nearly all sections of the South. Sow either in the Spring or Fall at the rate of 2 bushels to the acre. 24 lb. to bu. Price Lb. 25c. Pk. \$1.25. Bu. of 24 lbs. \$4.50.

Tall Meadow Oat Grass

1123. Yielding twice as much hay as Timothy or Orchard Grass, early as Orchard Grass with more leaf and affording better grazing, it is not strange that this grass is becoming so popular. It will keep green all Winter and all Summer; the drought of Midsummers or the cold of Winter does not injure it. It starts growing very early in the Spring, can be cut twice for hay. Price: "Monumental" Brand Fancy Lb. 30c. Bu. of 11 lbs. \$3.00. Write for latest prices.



Monumental Sudan Grass

Orchard Grass

1114. **Orchard Grass.** One of the best and most reliable grasses for the Middle and Southern States, either for hay or pasture. It is a very vigorous grower and yields large crops of excellent and most nutritious hay and will last for years in increasing value with proper treatment. It is succulent and nutritious and when mowed requires only a few days of seasonable weather to start it growing again and usually two good crops of hay can be cut in a season. It succeeds well on nearly all soils, but does best on uplands, loamy or moderate stiff soils. Although it will succeed very well even on soils that are inclined to be of a sandy texture. It also succeeds in shady places better than other grasses, especially in orchards. It starts early in the Spring and continues well into Winter. It is of quick growth, and is relished by stock, especially when young and bears close grazing. It makes excellent hay, and gives the very best results mixed and grown with Tall Meadow Oat Grass and Red Clover. It should be cut when in blossom, as the hay is injured if the seed is allowed to ripen. It can be sown in the Spring or Fall, either with grain or alone. Sow two bushels per acre if sown alone, or with Red Clover, one and one-half bushels of Orchard Grass and eight pounds of Clover are the quantities usually sown. Price: "Monumental" Fancy Lb. 25c. Bu. of 14 lbs. \$3.25.

1238. **Rough Stalk Meadow Grass.** One of the best bottom grasses in a meadow. Grows 25 to 35 inches high. Possesses high nutritive qualities. Requires heavy or average kind of soil. Sow 30 lbs. per acre. Lb. 70c.

1187. **Hard Fescue.** A valuable grass for dry lands and sandy soils; very hardy, enduring extremes of heat and cold and long droughts. Sow 30 lbs. to the acre. Price: "Monumental" Brand, Lb. 40c. Bu. of 12 lbs. \$4.50.

1124. **Red or Creeping Fescue.** A creeping rooted variety forming a close and durable turf and particularly suited for dry, sandy soil. Resists drought and thrives on very poor soils, gravelly banks and exposed hillsides. Valuable for shady lawns and for golf courses. Sow 30 lbs. to the acre if used alone. Price: "Monumental" Brand, Lb. 40c. Bu. of 14 lbs. \$5.00.

Millets

A Splendid Quick Growing Summer Hay Crop

1125. **German or Golden Millet, Southern Grown.** Makes a large yielding and most nutritious hay crop, quick and easily cured. It should be seeded thickly, one bushel per acre, and should be harvested while in bloom. If the seeds are allowed to form the stalks get hard and it does not make so good a hay. Should be sown at any time between the middle of May until the end of June at the rate of 1 bushel per acre. Millet should never be sown until the earth is warm in the Spring and when continued warm weather is assured. It is also used as a catch crop after early grain or a crop which fails. It matures a crop in 6 to 8 weeks after seeding. Cow Peas sown with German Millet makes fine hay. Sown in this way, it should be sown with some quick maturing variety of Cow Peas and should be sown at the rate of three pecks of Millet and one bushel of Cow Peas to the acre. "Monumental" Brand Fancy Southern Millet, Pk. \$1.00. Bu. of 50 lbs. \$3.50.

1126. **Hungarian Millet.** Often called Hungarian Grass. Many regard this as being better even than German Millet, as it is about one week earlier and requires less moisture. The hay is fine and of excellent feeding value.

It can be sown as late as the 4th of July with good results, in ordinary seasons. It is much used for following such crops as early potatoes and barley for a crop of hay, thus giving two crops on the same land in one year. Also grown as a green manuring crop to turn under, adding humus or fertility for future crops. Hungarian Millet does not grow so coarse as some other varieties, but still yields quite heavily, from two to four tons of hay to the acre being an ordinary crop. Hay is quite leafy, of very fine quality. Should be sown at any time between the middle of May until the end of June at the rate of one bushel per acre. "Monumental" Brand, Pk. 85c. Bu. \$3.00.

1207. **Japanese Millet.** Grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. It makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. 15 lbs. to acre broadcast. 10 to 12 lbs. in drills 12 inches apart. Cultivate until 18 inches high when its rapid growth will smother all weeds. It does best on low moist ground. "Monumental" Brand, 10 Lbs. 55c. 100 Lbs. \$5.00.

1170. **Pearl or Cattail Millet.** It is largely used by dairymen. It furnishes them green food throughout the Summer. Should not be planted before May in warm soils, as it is a tropical plant and grows to the best advantage in warm weather. It will grow 10 to 12 feet high, but should be cut when it has reached the height of 3 to 4 feet, when it will stool out enormously and make a rapid growth. In this way 3 or 4 cuttings a season can be obtained. It can be fed either green or cured as dried forage, making a most nutritious feed which is relished by all kinds of stock. Sow 5 lbs. per acre in drills 3 feet apart or broadcast at the rate of 20 to 30 lbs. per acre. Please write for prices.

Chewings Fescue. This grass is used very extensively in golf courses and wherever lawns are subject to rough usage, it grows a fine blade, and makes a very compact and even sod. It is also valuable for making pastures, and is well adapted to rolling ground. Lb. 40c. 100 Lbs. at 35c.

1251. **Bermuda Grass.** Specially adapted to Lawns and Pasture Mixtures in the South where many other grasses will not grow. When used in connection with English Rye Grass will insure a green sod throughout the year. The Rye Grass to be sown in the Fall when the Bermuda Grass turns brown. Bermuda Grass is very well adapted to light soil and in some sections of the South is the only pasture grass that will make a good sod on this class of soil. It also does very well on clay and loamy soil. Bermuda Grass is very largely used for sowing on hillsides and embankments for binding and holding the soil. Lb. 55c. 10 Lbs. and over at 50c lb.

1188. **Crested Dogtail.** A hardy grass forming a smooth, compact and lasting turf. Does best on rich, moist land, but will grow on most any soil. Roots deeply and withstands dry weather. Does well in the shade. If sown alone use 30 lbs. to the acre, but the best way is to mix it with other grasses. Price: Lb. 45c. 10 Lbs. \$4.00. 100 Lbs. \$35.00.

1234. **Fine Leaved Fescue.** A short, small turf forming grass for wooded places and for lawn purposes. Lb. 55c.

1186. **Sheep Fescue.** An excellent grass for poor, sandy soils. It is a perennial, densely tufted and of very fine foliage, making it well suited for lawns. It is also very satisfactory for pasturage, furnishing good grazing, especially for sheep. Resists drought remarkably well. Sow 40 lbs. per acre. Lb. 40c. Bu. of 12 lbs. \$4.50.

1189. **Creeping Bent Grass.** Similar to Red Top or Herd's Grass and considered as good if not better than that variety. Distinctive on account of its compact, creeping, rooting stems, which hold in the soil in a very tenacious way. Of rapid growth and spreading habit, forming a strong, durable turf. Fine for lawns and putting greens because of its fine texture. If sown alone use 50 lbs. to the acre. Price: "Monumental" Brand, Lb. \$1.25.

1252. **Sweet Vernal.** Excellent for mixture in lawns for its sweet perfume, also in all hay and pasture mixtures, as it is relished by both cattle and horses. Write for prices.



Monumental Southern Grown German Millet



Grass and Clover Seed Mixtures for Hay and Pastures

Parcel Post Rates, see Page 5

These Mixtures give the very best and most satisfactory results to customers, and our trade in them is increasing rapidly. The advantage of sowing grasses and clover seed in mixtures has long been recognized and the practice is increasing to a very remarkable extent throughout the South. We are the pioneer seedsmen in Baltimore in putting up special mixtures for different soils, and the results to our customers have been exceedingly satisfactory, resulting in largely increased crops both of hay and pasturage. We will take pleasure in advising our customers as to suitable grasses for their soils and purposes.

We have the following mixtures combined grasses suitable for the various soils and uses for which they are recommended. Those for permanent pastures are composed of grasses

which succeed each other in growth, and give a succession from the first of Spring until late in Winter, while for those desired more for cutting for hay have combined grasses which ripen together. In all our mixtures we are introducing small quantities of Alfalfa Clover with the idea of inoculating the land with Alfalfa bacillus. Alfalfa revolutionizes farming, but the bacillus must be established before the revolution can occur. The different mixtures are prepared both as to quantity and varieties as best adapted to the soils and situations for which they are recommended. In all of our grass mixtures we use the very best seeds, the quality and purity of our seeds being our first consideration. The quantity handled enables us to give our customers the benefit of a very low price, even lower than if they purchased the seed separately.

The Mixtures Listed Below will Produce Excellent Results, for Both Permanent Pasture, and Mowing for Hay

25 Lbs. or Over at 100 Lb. Rates

25 Lbs. or Over at 100 Lb. Rates

Mixture No. 1. For Light, Dry, Gravelly or Sandy Soils. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

Mixture No. 2. For Heavy Loam or Clay Soil. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c. 100 Lbs. at 20c per lb.

Mixture No. 3. For Moist Bottom Land. Sow 25 to 30 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

Mixture No. 4. Shady Nook Meadow Mixture. Like our Shady Nook Lawn Mixture, this mixture is specially prepared for good loamy soil in partially shady situations. A fine permanent pasture mixture, yields large crops of hay. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

Buckwheat

Buckwheat. For a late Summer crop Buckwheat is very desirable and profitable, especially in mountainous sections. It is easily grown, makes splendid flower food for bees and of a large yield of grain, which can usually be sold for remunerative prices. As a smothering crop, where the land contains objectionable weeds, it is very desirable, and it puts the soil in admirable condition for crops to follow.

1160. Japanese Buckwheat. It has the advantage of remaining for some time in bloom and produces seed earlier. It resists drought and blight very well. As much as 40 bushels to the acre have been harvested, making it very profitable to raise. Sow 1 bushel per acre. Pk. 60c. Bu. \$2.00. Please write us for latest prices.

1135. Spring Rye. Distinct from the Winter Rye, grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely grown in the Middle States in place of oats, being a much more profitable crop on account of the production of nearly four times the straw, and also as a "catch" crop where Winter grain has failed. Produces 30 to 40 bushels of grain per acre. As it does not stool like Winter Rye, not less than two bushels to the acre should be sown. Please write for prices.

Barley

1209. Beardless Spring Barley. This crop has been sown with satisfactory results for two or three seasons past in this section and further South. It makes a quick growing crop of most excellent and nutritious green feed and is growing in popularity wherever it is used, and will also make a good grain crop, although its principal value is as an early nutritious forage crop, either to feed green or cure as hay. Sow 1½ to 2 bushels per acre. Please write us for market prices.

Bolgiano's Rye Grasses for Spring Planting

1121 English or Perennial Rye Grass

Produces an abundance of foliage, which remains bright and green during the season. The hay is relished by all kinds of stock. It will grow well on almost any land. When sown by itself sow 30 lbs. per acre either in the Spring or Fall. Price: Lb. 18c. 100 Lbs. \$16.00.

1249 Pacey's Short Seeded Perennial Rye

Specially suited for fine lawn mixture, extensively used on the beautiful lawns in England. It makes a quick leafy growth of fine texture. 20c Lb. 100 Lbs. \$18.00.

1172 Italian Rye Grass

It is less wiry than Perennial Rye Grass and is particularly well adapted to the soils and climate of Florida, where it is sown very extensively in the Fall and Winter for lawn purposes. About 24 lbs. of seed to the acre. Price: "Monumental" Brand, 18c Lb. 100 Lbs. \$16.00.

Mammoth Russian Sunflower

Sow in March to July, 5 to 10 lbs. per acre. Plant with Corn drills in rows 3 to 3½ feet apart and thin to 1 plant every 18 to 22 inches, cover very lightly, not over 2 inches. 5 Lbs. 75c. 10 Lbs. \$1.25. 100 Lbs. \$10.00.

PLEASE WRITE FOR LATEST PRICES ON ALL FIELD SEEDS.
IT WILL PAY YOU

Seed Oats

PLEASE WRITE US FOR LOWEST PRICES

1156. **Burt or 90-Day Oats.** The earliest, most prolific and surest cropping of Spring Oats; far superior to an ordinary Spring or Rust-Proof Oats for Spring seeding. Wherever this Oat is grown it comes into great favor. For a Spring Oat for seeding in March and April it is the best and surest of Spring Oats. It is earlier to mature, free from rust, healthy, clean and vigorous growth of straw, and makes a very good yield of clean, bright and heavy grain. On account of its earliness to mature, it escapes the dry hot weather we frequently experience in June, and is on this account one of the surest cropping varieties of the South. Color and appearance of grain somewhat resemble the Rust-Proof Oat.

1161. **Virginia Gray Winter or Turf Oats.** When sown early, before the middle of March, these oats will far outyield the ordinary Spring Oats, making a larger crop and heavier grain.

1157. **White Spring Oats.** This is the variety most generally sown throughout the North and West, and is also so largely grown in this section, although the newest varieties offered by us are decidedly preferable, both as to yield and reliability of cropping.

1272. **Appler Oats.** The Appler Oat is equally adapted for sowing both in the Spring and in the Fall, but when sown in the Spring should be sown before the middle of March. It is a strong, quick-growing oat, bunchy head and heavy grain. One of the best and most reliable Rust-Proof Oats for the South.

1274. **Montana or Swedish Oat.** These oats originally imported from Sweden are very large, white, plump and heavy grained and yield enormous crops. The straw is coarse and is noted for its stiffness and power to withstand lodging and is a great drought resister.

Canada Field Peas

1165. Here is a crop which is not only profitable, but will return to the land the much needed nitrogen. Peas are second only to clover in their soil enriching properties and can be grown under almost any condition of soil or climate. There is always a ready market for peas, or they can be profitably ground and fed to the stock. The vines make rich, nutritious hay. If fed to milch cows, when in a green state, pods, vines and all, the flow of milk will be almost doubled.

When sown alone about three bushels are required to the acre.

Peas and Oats are frequently sown together, using 1½ bushels of peas and 2 bushels of oats an acre.

Sown in January, February or early March. Pk. \$1.25. Bu. \$4.50. Write for latest prices.

Cow Peas

PLEASE WRITE FOR LATEST PRICES

1175. **Mixed Cow Peas.** We strongly recommend sowing Mixed Cow Peas as a soil improving crop. The upright growing varieties holding up the vining varieties; they will make a much better growth and give more satisfactory results.

1159. **New Era.** This new extra early Cow Pea is unquestionably one of the most valuable varieties in cultivation; it is quicker in growth than any other Cow Pea in cultivation; makes a very large growth of vine and very prolific yield of peas.

1162. **Black Cow Peas.** Seed medium sized and black. Vines trailing. Seed matures early.

1163. **Clay Peas.** Seeds medium sized and cream colored. Vines grow tall and erect. Seed matures medium late.

1164. **Whip-Poor-Will.** Vines erect. Seed large and mottled red and white and matures early. Good to grow between corn.

1166. **Wonderful or Unknown Pea.** Seed medium sized and buff. Vines erect if planted late, trailing if planted early. Seed matures late.

1208. **Shinney Pea.** Very popular, seed large, mottled white and red, early maturing, erect vines.

1168. **Black Eye.** Vines erect. Seeds medium sized and white, matures medium late.

1190. **Red Rippers.** Red seeded, resembles Black Cow Peas in growth of vines, but 10 days earlier and more prolific.

1241. **Gray Crowders.** Vine trailing, seed large and mottled gray and blue. Matures medium late.

1271. **Groit.** A fine, new, early maturing Cow Pea, somewhat resembling New Era in appearance and size of seed, but makes a larger growth. Very highly recommended as an early maturing, large-yielding variety.

1305. **Brabham Peas.** This is a cross between the Whip-Poor-Will and Iron varieties. It is especially valuable in that it partakes of the good characters of both parents.



Burt or 90-Day Oats

Soja Beans

PLEASE WRITE US FOR LOWEST PRICES

1242. **Mammoth Yellow.** The largest growing and most popular Soja Bean for forage purposes, although a little later in maturing than other varieties.

1243. **Tar-Heel or Mammoth Black.** Slightly earlier than Mammoth Yellow and produces about same amount of forage.

1244. **Mammoth Brown.** Matures slightly earlier than Mammoth Yellow and produces about one-third more forage.

1246. **Wilson Black.** Very small seed, matures in about 90 days, can be grown in the Northern States where an early variety is desired.

1306. **Virginia.** About 20 days earlier than the Mammoth Yellow. The vines make a fine growth, are filled with pods, stand about 3 feet high, are easy to cut and easy to cure.



New Era Cow Peas—43 Days After Planting



Monumental Dwarf Essex Rape

1149 Hairy Vetch (*Vicia villosa*)

This is a very valuable forage plant and is rapidly becoming more popular each year, as the farmers of this country are learning more of its great value. It is very hardy, is valuable as a Winter cover crop to prevent leaching, and for forage and fertilizing purposes. It is an annual, but resows itself and will come up year after year on the same ground. It succeeds well on nearly all soils and thrives surprisingly on poor, light land and will endure extremes of drought, heat and cold. It improves the soil, being a great nitrogen gatherer. The roots bear innumerable nodules or nitrogen-gathering bacteria. These take the nitrogen from the air and restore it to the soil, where it is so much needed. It belongs to the Pea family, but the vines are much longer and the foliage is more abundant. It may be sown either in the Spring or Fall with about half a bushel of Rye or Oats for support. It grows rapidly and is particularly valuable in sections where Clover does not thrive. In the North it remains green all Winter under the snow and it is invaluable for early pasturing or soiling. The Department of Agriculture estimates the value of an acre of this Vetch plowed under equal to commercial fertilizer at the rate of from \$16 to \$40 an acre. When sown in August or September it covers the ground before frost and prevents leaching of the soil during the Winter and Spring. When sown in April or May it can be cut in July, the second growth affording excellent pasture during the Summer. Seed 30 to 40 lbs. per acre alone, with Rye or oats 30 lbs. to ½ bu. per acre. Price Lb. 20c. 10 Lbs. 18c Lb. 100 Lbs. \$15.00. Write for latest prices.

Spring Vetches or Tares

1150. Closely associated with Peas in character. Used for the same purpose as Hairy Vetch, but must be planted in the Spring wherever the Winters are severe, as this variety is not so hardy as Hairy Vetch. Highly valuable for soiling or for green manuring. Sometimes grown with Oats for mowing and feeding to stock. Thrives best in well-drained soil, doing best in loams or sandy loams, though excellent crops are grown both on sandy and gravelly soils. Sow alone 70 to 90 pounds per acre, and if with Oats 60 pounds of Vetch and 40 pounds of Oats. Sow in Spring while the ground is cool and moist or in early Autumn. "Monumental" Brand, Lb. 15c. 10 Lbs. at 12c. 50 Lbs. at 10c. 100 Lbs. at 8c. Write us for latest market prices.

Oregon Vetch

1275. Same as Spring Vetch, but owing to its hardiness is known as Oregon or Winter Vetch. It can be planted in the Fall in all of the Southern States as well as in the Spring with results about the same as Hairy Vetch. Sow alone, sow 70 to 90 pounds per acre. Sown with Oats, sow 60 pounds Vetch and 40 pounds Oats. "Monumental" Brand, Lb. 15c. 10 Lbs. \$1.25. 50 Lbs. \$5.75. 100 Lbs. \$10.00. Write for latest market prices.

Dwarf Essex Rape

1127. It is an annual, bearing a close resemblance in leaf and stalk to the Ruta Baga, but both leaves and stalks are more numerous in the Rape plant, and of a taller habit of growth. It is a pasture plant which may be eaten off by any kind of live stock, but it is pre-eminently fitted to furnish pasture for sheep, cattle and swine. Under favorable conditions Rape is ready for pasturing sheep or cattle within 6 weeks from the time of sowing, and on an average one acre will carry from 12 to 15 sheep six weeks to two months. When on the Rape they should at all times have access to salt, but water is not necessary. As it thrives best in cool weather, it should not be sown in the Southern States until September or October for Winter pasture. Its fattening properties are probably twice as good as those of clover, and for sheep the feeding value of Rape excels all other plants we know of. Under average conditions a yield of from 10 to 20 tons or more of green forage per acre may be expected. For continued hog pasture sow Rape early and at successive intervals. It may well follow any grain crop and is always splendid to plow under for green manure. Sow 5 lbs. per acre broadcast. 2 to 3 lbs. per acre in drills. 15c Lb. 10 Lbs. \$1.25. 100 Lbs. \$9.00.

Sorghum or Cane

1146 **Early Amber Sorghum.** Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield 2 or 3 cuttings a year, stooling out thicker each time it is cut. It grows 10 to 12 feet high. Sow broadcast for forage at the rate of 1 to 1¼ bushels per acre. When sown in drills, sow at the rate of 1 peck per acre in drills 3½ to 4 feet apart. Please write for prices.

1158. **Early Orange Sorghum.** This variety is rapidly growing in favor wherever it is grown. Similar in growth to Early Amber, but it is claimed that it produces a heavier crop. Please write for lowest prices.

Cow-Horn Turnip

326. **Long White Cow-Horn Turnip.** It has been found by practical farmers that there is no better way for aerating and adding humus to the soil in the Winter time than by sowing Long White Cow-Horn Turnips. They can be fed to the stock as they are needed and the rest allowed to remain in the ground and rot, having a valuable fertilizing property. They grow nearly half out of the ground and are carrot-like in form. Sow two pounds of seed to the acre, broadcast. Oz. 10c. ¼ Lb. 20c. Lb. 60c. 5 Lbs. at 55c.

326 Long Yellow Cow-Horn Turnip

They can be fed to the stock as they are needed and the rest allowed to remain in the ground and rot, having a valuable fertilizing property. They grow nearly half out of the ground and are carrot-like in form. Sow two pounds of seed to the acre, broadcast. Oz. 10c. ¼ Lb. 15c. Lb. 40c. 5 Lbs. at 35c.



One-Year-Old 5-Pound Vetch Root

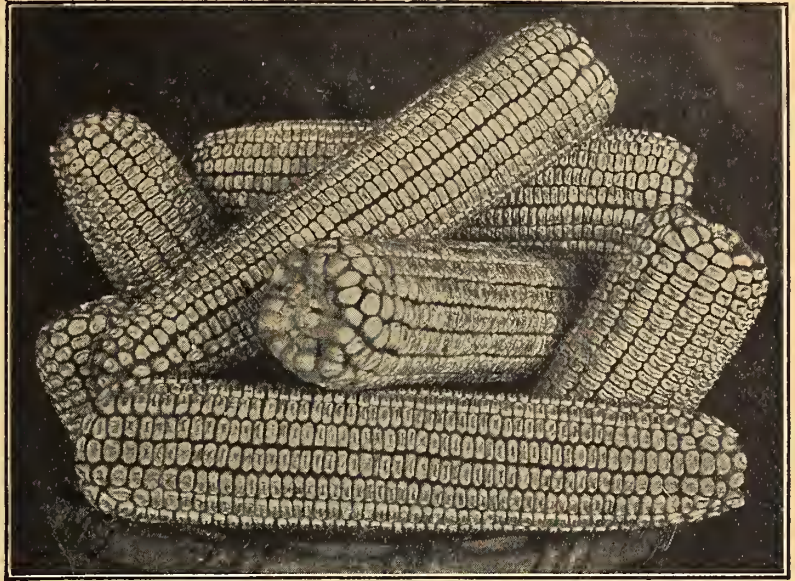
Seed Corn

Seed Corn Weight by Parcel Post
Pt. 1 Lb., Qt. 2 Lbs., 4 Qts. 7 Lbs.,
Pk. 14 Lbs.

Parcel Post Charges Extra and
Must Be Included with Remittance
Parcel Post Table See Page 1

Each ear of our seed corn is tipped
and butted and the small grains on
each end of the ear never get to our
customer.

Our seed corn is carefully shelled
to eliminate broken grains and insure
uniform strong germination.



Bolgiano's Wonderful Prosperity Yellow Dent Corn

Will Out Yield Any Other Variety of Yellow Corn

Bolgiano's Prosperity Yellow Dent Corn is the most attractive, largest, finest, and greatest yielding corn ever introduced.

When we brought out this corn over 20 years ago, it was the best yellow corn we had ever seen, and today it is far better, than when we introduced it, as we have improved it year by year by very careful selection and breeding, by these painstaking efforts adding three more rows to the cob and increasing the depth of the grain, besides adding to its beautiful deep golden color.

We know of no yellow corn today that will equal Prosperity in appearance and yield. The grains are large and deep and cover the cob over the tip. It is a luxuriant grower, the fodder attaining a height of 12 to 15 feet in good soil.

When grown in the vicinity of Baltimore it is ready to cut in from 110 to 120 days from time of planting.

If you want to grow the biggest and best crop of corn, you have ever raised, let us persuade you to use Bolgiano's Prosperity, we cannot afford to mislead you. Pk. \$1.00. Bu. \$3.50.

1140. Reid's Yellow Dent. This is a splendid Yellow Dent variety with 18 to 24 rows of kernels on an ear. The cob is small and red and the grains are very close together. The ears average 8 to 10 inches long. The stalk is very heavy and is not easily blown down. It matures in 100 days and is a heavy yielder in the Middle and Southern States. Pk. 85c. Bu. \$3.00.



Reid's Yellow Dent Corn

White Varieties of Seed Corn

1257. Boone County White. Ears well filled out at both ends, cylindrical, 9 to 11 inches long, averaging 20 rows, some 18 and 22. Grain very deep, a little rough. Cobs white, of medium size. Pk. 85c. Bu. \$3.00.

1145. "Hickory King" White Corn. So large are the grains and so small the cob that on an ear broken in half a single grain will almost cover the cob section. Of a strong growth, the stalks take a firm hold in the ground and stand upright, resisting severe storms. It yields splendid crops on light soils, and is undoubtedly the best and most productive White Field Corn for the South. Pk. 85c. Bu. \$3.00.

1054. Red Cob 90-Day Corn. This corn meets a long felt want, because it can be used as a roasting ear corn and when fully matured makes a first-class Crop Corn for feeding stock. The ear is large, handsome, suits for an early crop or for a late crop, because it matures in 90 days. This makes it always a safe and profitable crop. Pk. 85c. Bu. \$3.00.

1299. Eureka Ensilage Corn. The very best Silo Corn on the market. For many years we have used great care in the selection of our seed, which will give a large amount of fodder, 3 or 4 long, slender ears of corn to the stalk. Grows to a height of 15 feet. Can be sown in hills or planted in checked rows. It is a very rapid grower and can be grown throughout the United States with wonderful success. Growers should not miss planting this special variety of ours for their Silo Corn. Pk. 85c. Bu. \$3.00.

1148. Bolgiano's Cuban Giant Ensilage Corn. We have thoroughly tested the Cuban Giant beside all large white grain ensilage varieties. Grains are pure white, very large, broad and long. Of stronger vitality than any other variety. It is the best milk producer of all ensilage Corns, being as sweet as Sugar Corn. Out yields the Red Cob Ensilage and is 10 to 12 days earlier. Pk. 85c. Bu. \$3.00.

All seeds are thoroughly tested for purity as well as germination before leaving our warehouse. We maintain within our establishment a most modern and well equipped, seed testing laboratory, which we invite you to visit whenever you have an opportunity.

Broom Corn

1214. Evergreen Broom Corn. Improved. An excellent variety; is a good length, fine, straight and has a green appearance when ripe, and sells at the highest market price. Sow in drills 3 feet apart and thin out to 3 inches. Sow 5 pounds per acre. Lb. 25c. 100 Lbs. \$20.00.



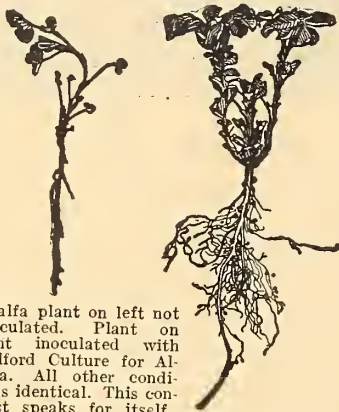
Inoculate Your
Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches
 and
Other Legume Crops
 WITH
Mulford Cultures
FOR LEGUMES
 Small Cost Large Returns Easy to Use No Labor Expense



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

Mulford Cultures are scientifically prepared and tested with the utmost care and skill. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

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



Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.

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

Mulford Cultures are prepared for:

ALFALFA	ALSIKE CLOVER	VETCH	LIMA BEANS
CRIMSON CLOVER	BURR CLOVER	VELVET BEANS	LESPEDEZA
SWEET CLOVER	COW PEAS	SWEET PEAS	BEGGAR WEED
RED CLOVER	SOY BEANS	GARDEN PEAS	and others
	PEANUTS	GARDEN BEANS	

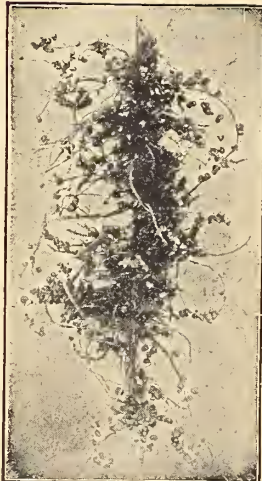
Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

PRICES: 5-Acre Size, \$5.00..... (Dollar per Acre)
 1-Acre Size \$1.50
 1/4 Acre Size75
 Small Size (Supplied only in four varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas). .35
 (These prices include delivery on freight shipments)

FREE DESCRIPTIVE FOLDER SENT UPON REQUEST

FARMOGERM

SEED INOCULATION Makes Big Crops—Better Soil



Every time you plant any kind of field or garden beans, peas, clover, peanuts, vetch, or alfalfa inoculate the seed with this culture of nitrogen. Unless your soil is unfavorable, having the proper bacteria on your seed often means an increase of 50 per cent to 100 per cent in the crop, an even stand; and great numbers of nodules on roots which deposit in your soil nitrogen fertilizer (nitrates) worth \$20 to \$30 an acre as fertilizer. No one can afford not to inoculate.

A PURE CULTURE FOR EVERY CROP

When you order please specify kind of seed you wish to treat, because we have a pure strain of bacteria for each of the following: Alfalfa, Crimson, Sweet, White, Alsike, Hubam, Lespedeza, Japan, Burr and other clovers; Soy, Velvet, Lima and all beans; Cow Peas, Sweet Peas, Beggar Weed, Sesbania, Peanuts, Vetch, etc.

Prices, postpaid: 12-Acre Size \$9.00, 3-A. \$2.50, 1-A. \$1.00.
 Special garden (1/4-acre) size that will inoculate 15 lbs. Peas, Beans or Sweet Peas, 50c.

BOLGIANO'S

DAY OLD "VITAL HATCH" BABY CHICKS



**BRED FOR
HEAVY EGG
PRODUCTION
STAMINA
AND TYPE**

**WRITE
FOR ILLUS-
TRATED
POULTRY
BOOK**

This is How You Receive "Vital Hatch" Baby Chicks

Hatching Season March 1st to June 1st

Variety	25 Chicks	50 Chicks	100 Chicks	500 Chicks	1000 Chicks
Single Comb White Leghorns.....	\$ 6.00	\$11.00	\$20.00	\$95.00	\$180.00
Single Comb Brown Leghorns.....	6.00	11.00	20.00	95.00	180.00
Single Comb Anconas.....	6.50	12.00	22.00	.....	.....
Single Comb Rhode Island Reds.....	6.50	12.00	22.00	105.00	200.00
White Wyandottes	6.50	12.00	22.00	105.00	200.00
Barred Plymouth Rocks.....	6.50	12.00	22.00	105.00	200.00
White Plymouth Rocks.....	7.00	13.00	24.00	115.00	220.00
Single Comb Black Minorcas.....	7.00	13.00	24.00	.....	.....
Black Jersey Giants.....	12.50	25.00	45.00	.....	.....

Prices Subject to Change Without Notice.

97% Live Delivery Guaranteed. Book Your Order Now

25% of Your Remittance Must Be Sent With Order

Weather Conditions
Do Not Affect Its
Efficiency—Because
It Burns Coal

STANDARD Colony Brooder

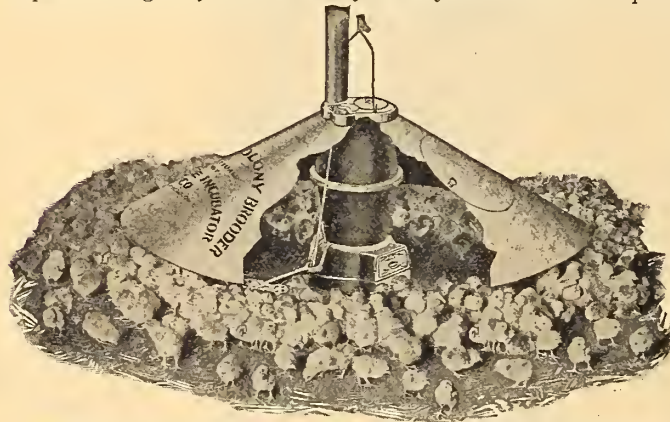
Costs Only Six to
Nine Cents a Day
to Operate

THE BROODER THAT BROODS ALL THE TIME

The Standard Colony Brooder is on the job all the time—not twenty-three out of twenty-four, but every single hour of the day and night. The Standard Colony Brooder burns coal—the fuel that is conceded to be the best for any purpose.

INEXPENSIVE—AUTOMATICALLY REGULATED

The self-regulating coal-burning stove of a Standard Brooder provides adequate heat under any and every conceivable weather condition. It is inexpensive to operate. It burns only six to nine cents worth of coal a day and requires filling only once in every twenty-four hours. The patented Buckeye Thermostat automatically regulates the heat according to changing weather conditions.



A Buckeye Colony Brooder in Operation with 1000 Chicks

There are no curtains or wooden walls to harbor vermin or disease; no corners where chicks may be crowded or killed; no fumeladen air to poison the chicks; **absolutely nothing to prevent the free circulation of fresh, warm, healthful air.** By its steady, dependable performance, the Standard has won the endorsement of Agricultural Colleges and Experiment Stations throughout the country. Decide today to put your chicks under a Standard Colony Brooder and stop the profit-killing loss of healthy chicks.

WRITE YOUR OWN GUARANTEE FOR THIS BETTER BROODER

Write down all the things that you demand of a brooder—and we will sign it. If it does not meet all your requirements and our claims, we will return your money without argument.

No.	Diameter of Canopy	Capacity	Height of Stove	Diameter of Base	Diameter of Grate	Shipping Wt. Complete	Price
18	42 inch	500 Chicks	20 inch	11 inch	8½ inch	75 Lbs.	\$21.50
19	52 inch	1000 Chicks	21½ inch	12 inch	9 inch	95 Lbs.	26.50
25	56 inch	1200 Chicks	24 inch	14 inch	10 inch	109 Lbs.	30.00

Buckeye Brooder Stoves will do anything any other brooder will do—regardless of price—and do it better. It matters not whether you have ten or ten hundred chicks under a Standard Colony Brooder, the results are the same. You can remove part of the chicks or increase the number at any time.

Air Always Pure and Fresh—No dampers or valves of any kind between the smoke pipe and the fire, the draft being controlled automatically, an exclusive feature of the Standard Colony Brooder and the only coal-burning Brooder that is absolutely free from gases under the hover.

Operated Anywhere—No room is too large or too small for a Standard Colony Brooder. Whether it is operated in the largest barn or the smallest colony house, the result will be the same.

Burns Any Fuel—Hard or soft coal, charcoal, coke, briquettes or gas. Hard coal is best simply because it is cleaner. All fuel should be nut size.

Standard Colony Brooder is fire-proof, simple and requires little attention; has but one adjusting nut which you need never touch more than once in a season. Requires absolutely no more attention than filling with coal once a day, shaking down the ashes into the pan twice.

BUCKEYE PORTABLE BROODERS

Here is an oil-burning brooder that appeals to beginners and large operators. It is simple, safe, efficient, economical, portable—and low priced. The insulating air space guarantees an even circulation of warm, fresh air at all times. Easy to clean and **absolutely safe.**

No. 20
Diam. 19 Inches
Capacity, 60 Chicks
\$11.75

No. 21
Diam., 22 Inches
Capacity 100 Chicks
\$15.50

No. 22
Diam., 30 Inches
Capacity, 150 Chicks
\$19.00



Prices F. O. B. Baltimore, unless otherwise specified

**HATCHES
MORE AND
BETTER
CHICKS**

BUCKEYE

THE PERFECT INCUBATOR

**ASK THE
BUCKEYE
USER
HE KNOWS**

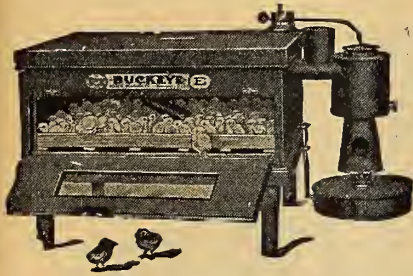
THE INCUBATOR OF UNFAILING RESULTS

All Incubators Equipped With Copper Tanks. No Advance in Prices
DON'T GAMBLE

—with inferior poultry raising equipment. Use Buckeye Incubators and Buckeye "Colony" Brooders and be sure.

BUCKEYE INCUBATORS and BROODERS

are used by practically every state agricultural college, experiment station and important breeder in America—and on 700,000 farms. Buckeye Incubators hatch the highest percentage of big, healthy chicks. Buckeye "Colony" Brooders grow three chicks where one grew before. No chilling, no suffocation. See these wonderful machines at our store. Write for new catalog.



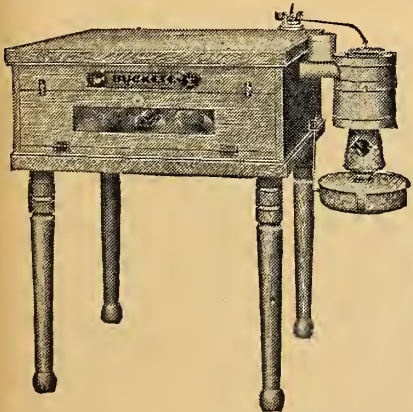
No. 14, Style E

Weight crated for shipment, 56 lbs.
Capacity, 65 eggs. Price, \$16.50.

No. 14 is especially adapted for use by the small raiser. It has all the important features of the larger machines, such as visible thermometer, and the Buckeye heating and ventilating system. The temperature is easily regulated and the consumption of oil is low.

No. 16, Style E. Capacity 110 eggs; weight crated for shipment, 90 pounds. Price, \$27.50. This machine is the same as No. 14, except that it has a greater egg capacity and long legs instead of short ones.

No. 17, Style E. Capacity 210 eggs; weight, crated for shipment, 132 pounds. Price, \$36.75. Same as No. 16, except that it has greater egg capacity.



No. 16, Style E, 110 Eggs
Price \$27.50

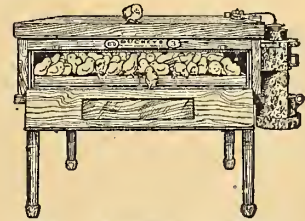
All Style E incubators have single walls.

Quality Built Throughout

The Buckeye is built to last. Fibre board (paste board) and other impractical materials do not enter into its construction. The genuine redwood cabinet stands up under any atmospheric change. The Buckeye double lock-seamed, circulating hot water system is conceded by every authority to be the **best method of incubator heating**. The galvanized iron oil lamp and copper boiler is fire-proof and fool-proof, and is capable of bringing the temperature of the egg chamber up to 103 degrees within an hour. The patented Buckeye Thermostat keeps an even moist temperature in the egg chamber at all times—these are the things that have given the **Buckeye** a reputation for unfailing results and have made it the **leader in the Incubator field**.

A Binding Guarantee

Besides being guaranteed to hatch more chicks out of a given number of hatchable eggs than any other incubator, the Buckeye is guaranteed to operate satisfactorily in any temperature down to freezing; to require no artificial moisture; to demand no attention to the regulator from the time the hatch is started until it is finished and to be perfect in construction. **Sold on 40 days' approval. Any Buckeye Incubator that fails in any way will be replaced without question.**

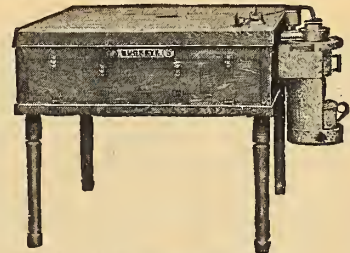


No. 1, Standard, 110 Eggs
Price \$37.50

No. 1 Standard has a capacity of 110 hen eggs, or 85 duck eggs. It is complete in every detail, and is ready for immediate use. The weight, crated for shipment, is 104 pounds. This incubator is insurable, and bears the Underwriters' label. An improved feature of all Standard incubators is the enclosed lamp. Equipped with oil or gas heater.

No. 2 Standard has a capacity of 175 hen eggs or 140 duck eggs, is equipped with oil or gas heater, and is complete and ready for use. Weight, crated for shipment, 129 pounds. This machine is insurable, and bears the Underwriters' label. Price, \$44.50.

No. 3 Standard has a capacity of 250 hen eggs or 200 duck eggs, is equipped with oil or gas heater, and is complete and ready for use. Weight, crated for shipment, 170 pounds. This machine is insurable, and bears the Underwriters' label. Price, \$57.75.

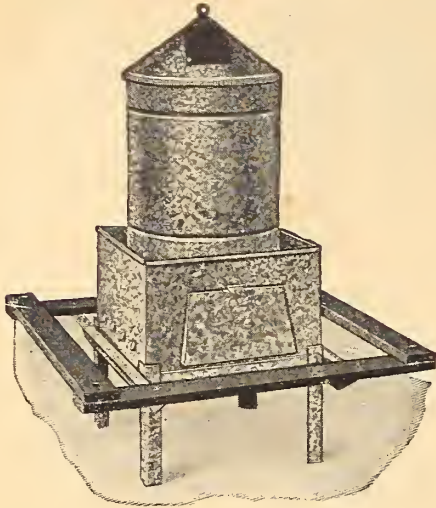


No. 3 Standard, 250 Eggs
Price \$57.75

No. 4 Standard has a capacity of 350 hen eggs or 280 duck eggs. Equipped with oil or gas heater, and is ready for use. Weight, crated for shipment, 206 pounds. Insurable, and bears Underwriters' label. This machine is very convenient for the commercial raiser. Price, \$68.00.

No. 5 Standard (Mammoth Standard). Capacity, 600 hen eggs or 480 duck eggs. Outside dimensions, 54 inches square, 36 inches high. Equipped with four egg trays, holding 150 eggs each. Double doors on front and back; oil or gas heater. Complete and ready for use. Bears Underwriters' label. Weight, crated for shipment, 314 pounds. Price, \$107.00.

Prices F. O. B. Baltimore, unless otherwise specified



INCREASE WINTER EGG PRODUCTION WITH THIS DREW 8-GAL. HEATED FOUNTAIN

Strictly sanitary, 8 gal. heated waterer. Sloping top prevents fowls from roosting on supply tank and fouling water. Both drinking pan and tank can be lifted off for cleaning, and may be used for large flocks of baby chicks in the Spring.

This waterer is made throughout from extra heavy, hot galvanized copper steel. A special copper float controls the water supply. Will take care of 150 birds daily without refilling.

Lamp chamber completely inclosed, and special Zenith burner is safe, if operated according to directions. The lamp will burn 100 hours without refilling.

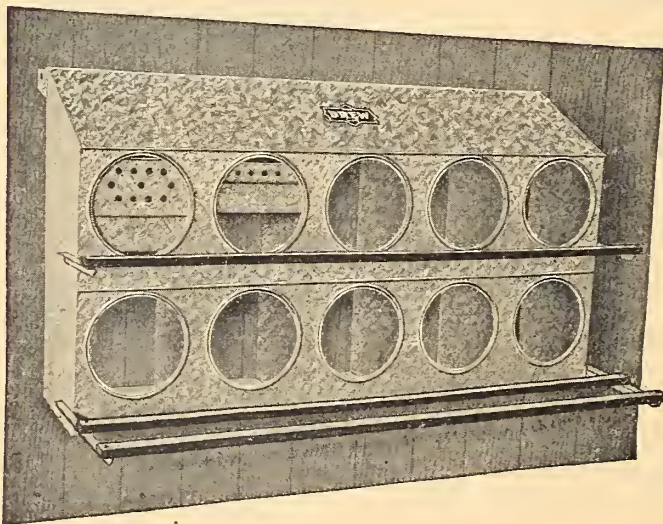
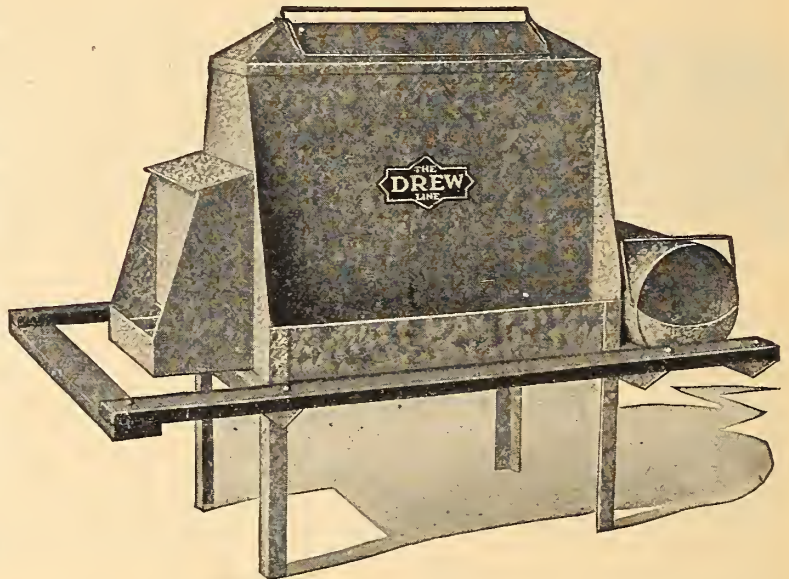
Complete with Lamp and Burner Base \$8.95. Weight 21 lbs. Stand as shown \$2.20 extra. Weight 20 lbs.

DREW 75-HEN EGG MASH FEEDER

A very practical, well built mash, grit, shell and charcoal feeder. Soon pays for itself by preventing waste and disease. Reduces labor. Cover is equipped with tilter to prevent fowls roosting on it.

Made of the same high grade material as the 8 gal. fountain. Holds 50 lbs. egg mash. Built to give satisfactory service year after year.

Price complete without waterer \$10.25. Waterer as shown in cut \$1.75 extra. Same feeder holding 100 lbs. egg mash, \$14.75 without waterer. Both shipped K. D. Weights, respectively, 40 and 60 lbs.



DREW SANITARY STEEL NESTS

Made from heavy, hot galvanized copper steel. There are no cracks for mites or lice to hide in. Nests can be scrubbed very easily, having open backs. Each nest is 13" deep, 11 $\frac{3}{4}$ " wide, 13" high, and have 9 $\frac{1}{4}$ " round nest hole. Trap door attachment as shown in cut 45c. extra per nest. Made in 3 sizes. 3 hole section single tier \$5.25; 6 hole section, double tier \$7.30; 10 hole section, double tier \$10.75. All shipped knocked down. Weights, respectively, 25, 35, 55 lbs.

THE DREW BABY CHICK WATERER

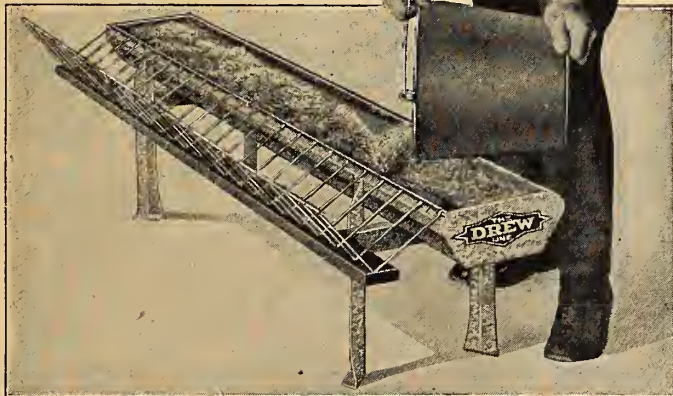


The Drew Chick Tank has been used by thousands of poultry men who claim that it is the best thing of its kind on the market. This 1½-gallon capacity, 100-chick size is built of heavy rust-resistant copper-steel, heavily galvanized. It is rust proof and sturdy—an ideal, large capacity waterer.

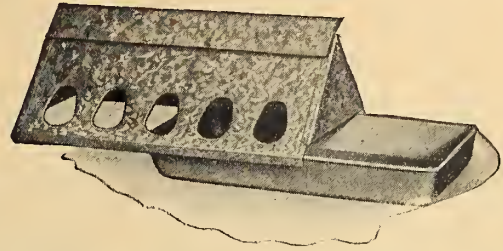
There are only two parts to this waterer—the bucket and the watering pan. It saves time, worry, work and trouble in watering large flocks. You will appreciate the value of this economical Drew Waterer. Price \$1.40. Weight 6 lbs.

DREW WET MASH OR GREEN FEED TROUGH

Made of best galvanized steel. It is 60" long and 21" wide over the perches. It stands 21" high to top of guards. Wire guards keep feed clean and prevent waste. This trough will last a life time. Price \$6.90 each. Weight 30 lbs.

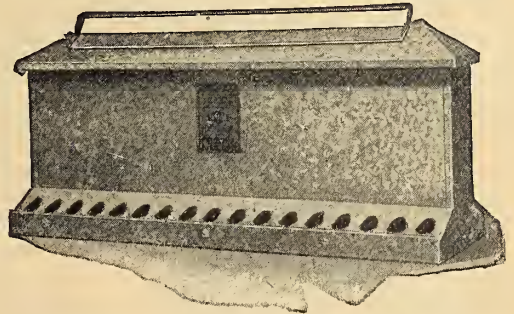


DREW SOUR MILK AND BUTTERMILK FEEDER



Aluminum pan 11" long, 6" wide and 1½" deep, prevents poisoning of chicks. Strictly sanitary, being equipped with sliding cover and tilter. Easy to clean, safe, and will give many years of satisfactory service. Price \$1.10 each. Weight 1¼ lbs.

DREW GIANT CHICK FEEDER



Holds about 50 lbs. of chick mash. It has 34 feed openings, and is equipped with guards which prevent chicks from pulling feed on the ground. A real money saver. 35" long, 17" high and 11" wide at the base. Will take care of 200 to 300 baby chicks. Price \$6.95 each. Weight 23 lbs.

DREW WALL MASH HOPPER



Made from heavy, hot galvanized copper steel, built to last. Prevents waste. Can be hung on wall.

Made in two sizes, 20 lb. mash size \$3.30; 40 lb. mash size \$4.90 each. Weights, respectively, 15 and 25 lbs.

A WORD ABOUT "SQUARE DEAL" FEEDS—WORTH READING

Each "SQUARE DEAL" Feed is manufactured to fulfill a specific need. That is why we manufacture a starting feed, growing mash and laying mash. Due to rapid growth and development from infancy to maturity, a chick requires different nutritive ratios to meet the requirements of the body. You can always depend upon "SQUARE DEAL" Feeds to meet these requirements.

ABOUT QUALITY

The quality of the ingredients from which "Square Deal" Feeds are made is of the highest. Each commodity forming a part of any "Square Deal" Feed is selected as the best in its class, and is blended in the feed to perform some specific function. There is absolutely no ground screenings or off grade material in our feeds. They supply those elements in the proper ratio, which are essential for heavy egg production and the maintenance of the body under the laying strain.

"Square Deal" Feeds do not contain either tapkage or blood.



ALL "SQUARE DEAL" FEEDS ARE PACKED IN BAGS PRINTED WITH STANDARD DESIGN AS SHOWN ABOVE. ACCEPT NO SUBSTITUTE.

ABOUT PRICE

When you buy "Square Deal" Feeds you not only get full value at the very start, but you get the satisfaction of knowing that you are going to get results. You know that you have bought feeds, the real value of which will show itself in the final test—that of heavy egg production, from fowls with bodies fortified with ample vitality to withstand the strain.

We could sell "Square Deal" Feeds cheaper, but we could not use those ingredients which are acknowledged by the best feeding authorities to be the most satisfactory. Don't think about first costs—think about final results.

FEEDING FOR HEAVY EGG PRODUCTION

Grain, being largely composed of those elements which produce fat, should be fed in limited quantities, for if more is fed than is required to supply bodily heat and energy, the surplus will be stored in the body as fat. Fat hens are not profitable producers. "Square Deal" Buttermilk Laying Mash supplies the elements from which the egg is made. Keep it before your hens all the time, and use the table given below as a basis for feeding grain. You will be pleased with the profits.

Month	For 100 Leghorns and Similar Breeds Lbs. Daily	Lbs. A. M.		Lbs. P. M.	
		Lbs. A. M.	Lbs. P. M.	Lbs. A. M.	Lbs. P. M.
September	10	4	6	14	8
October	12	4	8	16	10
November	12	4	8	16	10
December	12	4	8	16	10
January	12	4	8	16	10
February	12	4	8	16	10
March	12	4	8	16	10
April	12	4	8	16	10
May	8	3	5	12	8
June	6	2	4	10	6
July	6	2	4	10	6
August	6	2	4	10	6

Prices F. O. B. Baltimore, unless otherwise specified

SELF-WATERING FLOWER BOXES Made Entirely of Metal and Will Not Rust or Leak

They Do Away With all the Objectionable Features of the Old-Style Wooden Window Box

All Prices Subject to Change Without Notice

All Prices Baltimore, Md. Parcel Post Extra, See Page 1

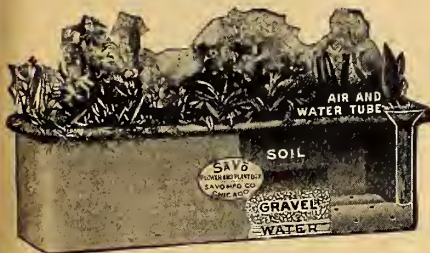
The Illinois Self-Watering Flower Boxes

The Illinois Self-Watering System absolutely assures success with plants, bulbs and ferns in the home. This system is based on the principle of subterranean irrigation, a principle which is accepted by agricultural authorities as most conducive to the healthful growth of plants. In window boxes and hanging baskets this method is ingeniously adapted through the use of pipes and a false bottom (see diagram below). The correct quantity of water is assured to the delicate root fibers of the plants at all times, the water being drawn up slowly by means of capillary attraction. Rapid and luxuriant growth results.

WE GUARANTEE

Every Box, Pot or Basket WILL NOT LEAK. Plants will be larger and foliage heavier than any surface-watered device. We will replace any box that leaks or wears out in any part within FIVE YEARS of date of purchase. We will refund the purchase price of any box that does not give satisfaction if returned within 30 days.

Savo All-Year-Round Flower and Plant Box



Self-Watering and Self-Irrigating, for Windows, Porches, Posts and Sun Parlors

The Savo Flower and Plant Boxes are made of the best grade of galvanized steel, with neat round corners and a full roll rim, the watering is easy, the drainage ample, the air circulation perfect. The enamel finish, both inside and out, prevents rust or leakage and will last in constant use many years.

Directions for Using: First, place coarse gravel, pebbles, broken flower pots, charcoal or moss about an inch deep over the top of the double-arched reservoir, then fill the box with good, rich, black dirt, fill the reservoir with water and sow the seed or install the plants and see them grow.

Standard Stock Sizes and Price List

	Height Inches	Width Inches	Length Inches	Price
Model A.....	6½	6½	23	\$3.00
Model B.....	8	9½	29	4.00
Model C.....	8	9½	35	4.50
Model D.....	8	9½	41	5.00

By freight or express only

These are outside measurements, including the ¼-inch roll rim. Beautifully finished in aluminum or dark green.

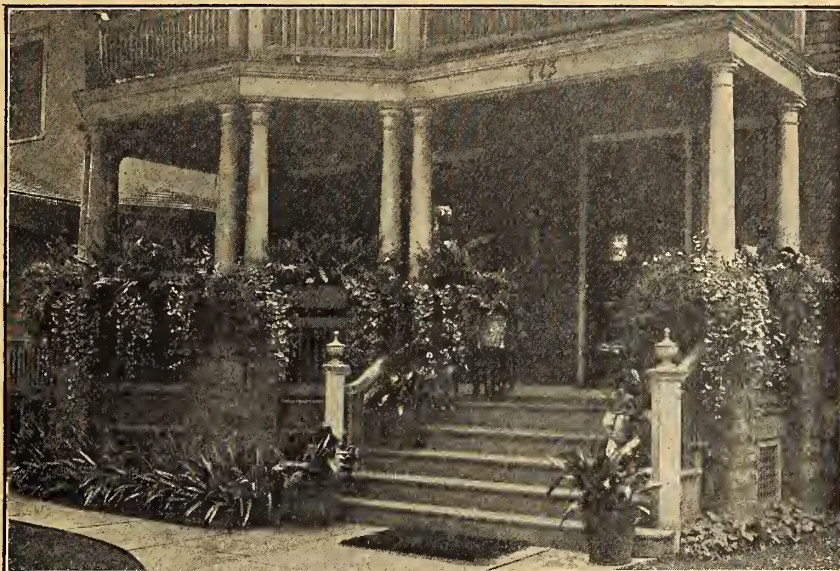
Galvanized Iron Water Pots



4 qts. \$.60	10 qts. \$.90
6 qts. .65	12 qts. 1.05
8 qts. .80	16 qts. 1.30

Mailing weight

4 qt. 2 lbs.	6 qt. 3 lbs.	8 qt. 4 lbs.
10 qt. 4 lbs.	12 qt. 4 lbs.	16 qt. 5 lbs.



ADD DISTINCTION TO YOUR HOME—ATTRACT MOST FAVORABLE ATTENTION TO YOUR PLACE OF BUSINESS

Cedar Tree Tub

Made of seasoned selected white cedar painted green, bound with electric welded wire hoops (galvanized). All sizes have handles except No. 5.



No.	Top In.	Bot. In.	Depth In.	Price
5	10	7½	9	\$.80
7	12	9	11	1.50
9	14	11	13	2.00
11	16	12½	15	2.40

Mailing weight, No. 5, 4 lbs. No. 7, 6 lbs. No. 9, 8 lbs. No. 11, 11 lbs.

Earthen Flower Pots

We carry a full line of sizes at all times.



Size	Each	Doz.	Size	Each	Doz.
3½ in. . . .	6c	\$.45	7 in. . . .	18c	2.00
4 in. . . .	6c	.45	8 in. . . .	28c	3.00
5 in. . . .	8c	.85	9 in. . . .	40c	4.00
6 in. . . .	11c	1.25	10 in. . . .	55c	5.50
7 in. . . .	18c	2.00	12 in. . . .	1.00	10.00

Earthenware cannot be shipped by Parcel Post.

Packing charges extra on Earthen Flower Pots, Earthenware Saucers, Earthen Fern or Bulb Pans. Minimum charge 25c. 50c per 100 up to size 6-inch. \$1.00 per 100 size 6-inch and up.

Earthenware Saucers

Size	Each	Doz.	Size	Each	Doz.
4 in. . . .	4c	\$.40	8 in. . . .	12c	\$1.25
5 in. . . .	5c	.50	9 in. . . .	15c	1.50
6 in. . . .	7c	.75	10 in. . . .	18c	1.75
7 in. . . .	9c	1.00	12 in. . . .	30c	3.00

Earthen Fern or Bulb Pans

Size	Each	Doz.	Size	Each	Doz.
5 in. . . .	9c	\$.90	8 in. . . .	28c	\$2.90
6 in. . . .	12c	1.25	9 in. . . .	38c	3.70
7 in. . . .	18c	2.00	10 in. . . .	56c	5.50



Illinois Self-Watering Window Boxes

No.	Height Inches	Width Inches	Length Inches	Water Cap.	Qts.	Price
0.....	6	6	16	1	1	\$2.25
1.....	8	9½	23	2½	3	2.85
2.....	8	9½	25	3	3	3.05
3.....	8	9½	27	3½	3	3.30
4.....	8	9½	29	4	4	3.50
5.....	8	9½	31	4½	4	3.75
6.....	8	9½	33	5	5	3.95
7.....	8	9½	35	5½	5	4.20
8.....	8	9½	37	6	6	4.40
9.....	8	9½	39	6½	6	4.60
10.....	8	9½	41	7	7	4.85

By freight or express only

Illinois Self-Watering Porch Boxes

Special sizes made to order at prices proportionate to the above.

No.	Height Inches	Width Inches	Length Inches	Water Cap.	Qts.	Price
21.....	9	12	37	7	7	\$5.10
22.....	9	12	41	8	8	5.35
23.....	9	12	45	9	9	5.65
24.....	9	12	49	10	10	6.20
25.....	9	12	53	11	11	6.75

By freight or express only

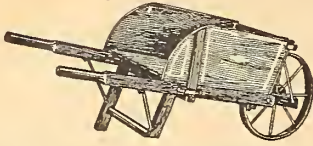


Chandler Self-Watering Window Boxes

A medium priced window box that is becoming very popular and gives entire satisfaction. Painted attractive dark green.

Length Inches	Width at		Height Inches	Prices
	Top Inches	Bottom Inches		
24	8½	6¼	7½	\$1.50
30	8½	6¼	7¼	2.00
36	8½	6¼	7¼	3.00

Garden Barrows

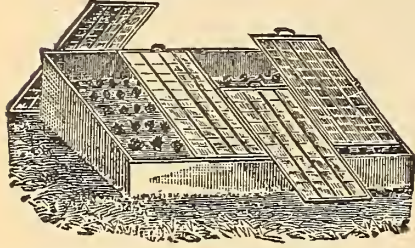


These barrows are light, strong and durable, painted and varnished.

No.	Wheel	Inside Measurement	Price
2.....	17	11x20x25	\$6.50
3.....	19	12x22x25	7.00
91.....	16	12x22x27	5.75

No. 91 is Natural Wood finished and varnished.

Unglazed Hot Bed Sash



Grooved. Makes a good airtight sash by just sliding the glass in. No putty required.
3 ft. 2 in. x 6 ft. To hold 28 lights.
\$2.25 each. Please write for prices in quantity.

Hot Bed Glass

8 x 10 in., 90 lights in box. Price.....\$3.00

Burlap Hot Bed Mats

Made of strong Burlap, interlined with wool.
Size 40 x 76 in. Single Sash.....\$1.90
Mailing weight 10 lbs.
Size 76 x 76 in. Double Sash.....\$3.00
Mailing weight, 20 lbs.

Peerless Glazing Points

Will stop your glass from sliding.
Price per 1,000.....65c
Mailing weight 2 lbs. per 1,000

Heavy Dahlia Stakes

Height	Each	Doz.	100
3 ft.	10c	\$1.10	\$8.60
3½ ft.	12c	1.25	9.90
4 ft.	13c	1.40	11.40
5 ft.	16c	1.80	14.60
6 ft.	19c	2.20	17.90

Light Plant Stakes

1½ ft.	2c	20c	\$1.50
2 ft.	4c	35c	2.80
2½ ft.	5c	50c	4.10
3 ft.	6c	68c	5.40
4 ft.	9c	\$1.00	8.00
5 ft.	12c	1.32	10.60

Stakes by Parcel Post or express.

Hyacinth Stakes

Use for staking Hyaciuths, Tulips and slender plants.

	Doz.	100	1,000
12 in.....	5c	25c	\$1.80
18 in.....	6c	35c	2.75

Pot Labels

	100	500	1,000
4 in., plain.....	\$.16	\$.70	\$1.30
4½ in., plain.....	.18	.80	1.45
5 in., plain.....	.20	.90	1.60
6 in., plain.....	.24	1.10	2.00
8 in., plain.....	.60	2.85	5.50
12 in., plain.....	1.00	4.80	9.40

Tree Labels

	100	500	1,000
3½ in., plain, copper wired..	25c	\$1.00	\$1.90

Parcel Post Extra, see Page 1

All Prices Subject to Change without Notice



Pexto Pruning Shears

No. 50. 8-in., Pexto.....	.75
No. R-50. 9-in., Pexto.....	.95
No. 60. 9-in., Pexto.....	1.00
No. R-60. 9-in., Pexto.....	1.15
No. 65. 9-in., Pexto, full polished.....	1.40
No. R-70. 9-in., Pexto.....	1.80
No. R-165. 9-in., Nickel Plated.....	1.80
No. R-85. 9-in., Pexto, full polished.....	2.25
No. 14. 6-in., Ladies' Nickeled.....	1.25
No. 140. 6-in., Ladies' not polished.....	.50

Mailing weight, 2 lbs. each.



Long Handle Pruning Shears

No. V-20. 26 inches long.....	\$2.10
No. 2026. Long-Handle Pruning Shear, with lock nut, 26 inches long.....	2.25

Mailing weight, 4 lbs.



Grass Shears

No. 530. Bolgiano's Special.....	50c
No. 267X. Extra full polished blades and Bow. Tempered. Size 5½ inches.....	60c
No. 0267. Polished blades, shanks and bow. Trowel shanks. Our most popular grass shear. Size 5½ inches.....	65c

Mailing weight, 1 lb.

Goodwin Grass Shears



A shear that allows the hand to be held in the easiest and most natural position possible. It doesn't tire the hand, or raise a crop of blisters; you can operate it much faster, the blades cannot slip apart, it's wonderfully easy even for a woman to use and it cuts like a razor. Price each, \$2.00.

Mailing weight, 1 lb.

Village Blacksmith Sickles

No. 3. Forged from bar tool steel. Thoroughly tempered and ground sharp, ready for use. Hangs perfectly without muscular effort. Natural hammer finish; upper side full polished. Turned maple handle. Price 55c.

No. 33. Same style as No. 3. Made of heavier material. Price 65c.

No. 4. Cutlery steel. Corrugated blade—ground wide, thin and sharp. Temper finished blade. Securely riveted hard wood handle. 45c each.
Blue Ribbon Sickle. Ideal for light work 50c.

Clark's Solid Back Sickle, 50c each.

Gardeners' Trowels

No. 1. 6-inch steel—one piece.....	10c
No. 2. 6-inch riveted shank.....	20c
No. 10. Extra heavy solid steel. Riveted shank—6-inch blade....	30c
No. 100. Florist's Trowel. Extra heavy. Cold-rolled steel. One piece.....	40c
D. S. T. High-grade English steel. Socket Trowel.....	80c

Mailing Weight 1 lb. each.

Transplanting Trowels

No. 15. Cold-rolled steel 5½-inch blade. Finest transplanting trowel on the market.....	20c
---	-----

Mailing weight, 1 lb.

Waters' Tree Pruner

The Favorite of Long Handle Pruners

6 ft. long....	\$2.00
8 ft. long....	2.25
10 ft. long....	2.50
12 ft. long....	2.75
Extra blades ..	.25

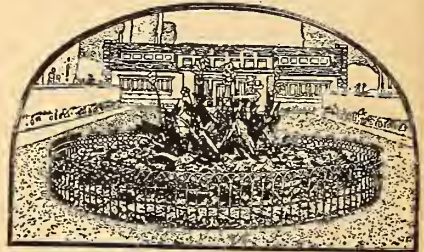


Pruning Saws (Disstons') Best Made

No. 4. 16 in. double.....	\$2.00
No. 4. 18-in. double.....	2.10
No. 4. 20 in. double.....	2.25
No. 16. 14 in. bow removable-blade.....	2.50

Grafting Wax

¼ Lb....	15c	½ Lb....	25c	1 Lb....	40c
----------	-----	----------	-----	----------	-----



Perfection Flower Guard

It is just as easily applied to any form or size of flower bed. No posts are required, the picket ends are left projecting for insertion into the ground. Not expensive and can be taken up from year to year. It is cut off to the length required and the ends hook together when set. This border not only protects, but adds to the beauty of every flower bed.

	Our Special Price per ft.
16 in. high, per running foot.....	9c
22 in. high, per running foot.....	11c
28 in. high, per running foot.....	12c

25 ft. lengths and over 1c per ft. less.

Trellis Wire

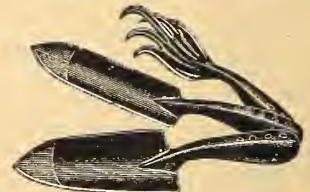
Excellent for training vines of all kinds up porches, verandas, pergolas, etc. Easy to put up, will last a lifetime. Thoroughly galvanized and well made, cut any length desired.

Our Special Price per ft.	
No. 107. 18 in. wide, Single.....	7c
No. 107. 24 in. wide, Single.....	9c
No. 108. 18 in. wide, Double.....	12c
No. 108. 24 in. wide, Double.....	13c

25 ft. lengths and over 1c per ft. less.



Three Piece Garden Set



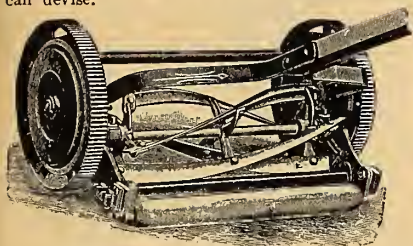
Set of Three Tools: Trowel, Transplanting Trowel and Weeder. All made of heavy pressed steel, handsomely finished.

Packed in paper carton. Shipping weight 2 lbs. Per set 75c.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Bolgiano's High Grade Lawn Mowers

Our Lawn Mowers are guaranteed in every respect; no pains or expense have been spared to produce the best mower that mechanical skill can devise.



Druid Hill Park Special

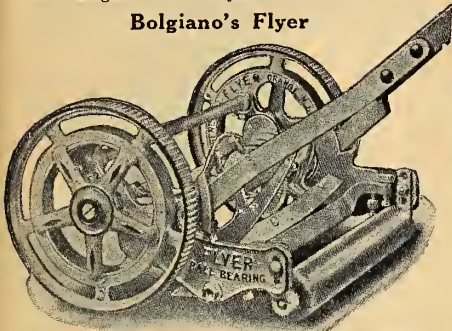
Blade	Kind	Wheel Price
12 in.	Druid Hill Park Special....	8 in. \$6.25
14 in.	Druid Hill Park Special....	8 in. 6.75
16 in.	Druid Hill Park Special....	8 in. 7.25

Bolgiano's Ball Bearing Lawn Mowers

For those who mow their lawns frequently we advise the Ball Bearing Machines.

Blade	Kind	Wheel Price
12 in.	Bolgiano's Leader	8 in. \$8.00
14 in.	Bolgiano's Leader	8 in. 8.50
16 in.	Bolgiano's Leader	8 in. 9.25
18 in.	Bolgiano's Leader	8 in. 9.25
12 in.	Bolgiano's Crackerjack	9 in. 10.00
14 in.	Bolgiano's Crackerjack	9 in. 10.25
16 in.	Bolgiano's Crackerjack	9 in. 10.50
18 in.	Bolgiano's Crackerjack	9 in. 11.00

Bolgiano's Flyer



Bolgiano's Flyer. Here is the strongest, lightest running, most beautiful designed and finished mower in the world. Fully guaranteed. Blades made of crucible steel, oil tempered, double Pawl ratchet design placed in the pinion.

Blade	Kind	Wheel Price
14 in.	Bolgiano's Flyer	9 in. \$10.00
16 in.	Bolgiano's Flyer	9 in. 11.00
18 in.	Bolgiano's Flyer	9 in. 12.00
20 in.	Bolgiano's Flyer	9 in. 13.00

Bolgiano's New Matchless

5 Blades, Built for Service.

Blade	Kind	Price
14 in.	New Matchless	\$14.00
16 in.	New Matchless	15.00
18 in.	New Matchless	16.50
20 in.	New Matchless	17.50

Bolgiano's New Orange

4 Blades, A Strictly High Grade Machine.

Blade	Kind	Price
14 in.	New Orange	\$14.00
16 in.	New Orange	15.00
18 in.	New Orange	16.50
20 in.	New Orange	17.50

Grass Catchers

No. 1. Metal Bottom Catchers. 16 inches deep, made of heavy duck; heavy galvanized wire frame; adjustable steel hoops, will fit any mower, equipped with perfection handle. Adjustable to mowers, 12 to 16 inches wide, 90c.

No. 2. Metal Bottom Catcher. Same as No. 1, but for mowers 16 to 20 inches wide, \$1.00.

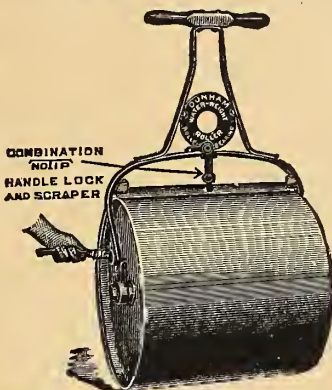


Clover Lawn Mower Sharpening Compound is a grinding compound, and when applied to the cutting edges of a mower, after these edges have been properly adjusted, it will grind them together in place sharp, and make a perfect job of it.

Price 50c per can. Postpaid.

Parcel Post Extra, see Page 1

Waterweight Rollers



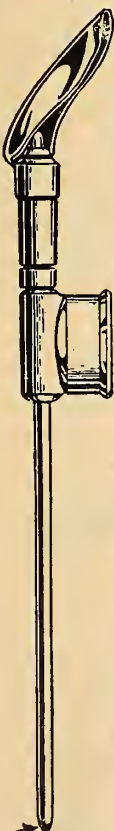
COMBINATION
"NO-TIP"
HANDLE LOCK
AND SCRAPER

Style "WB" with "No-Tip" Lock and Scraper

No.	Diam. ins.	Length ins.	Sec- tions	Approx.		Price each
				weight empty	Filled with Water	
3	14	24	1	70 lbs.	175 lbs.	\$17.00
5	18	24	1	85 lbs.	265 lbs.	20.00
7	24	24	1	110 lbs.	420 lbs.	23.00

This roller has a steel drum into which water can be poured until the roller is just the weight for the work at hand. For soft lawns it will not need so much water, while for firm turf, tennis court or drives it can be made as heavy as desired. When through rolling, all water is emptied out and the roller is light enough to be easily handled and put in the basement or garage. The drum is made of heavy steel plates, carefully welded to form a solid, one-piece container for the water.

A RIP SPRINKLER (Spike Type)



Throws a hundred and fifty foot circle of perfect rain-drops. Will keep your lawn and flowers healthy and growing.

Will operate successfully on five-pound pressure.

Priced low due to simplified design. Owners of smallest gardens and grass plots can now afford a real sprinkler.

Gives an even spread of water, in natural rain-like spray. Does not waste water through leakage.

The RIP may be choked with sand—it will clean itself out. There are no pin-holes to choke up and stop the action.

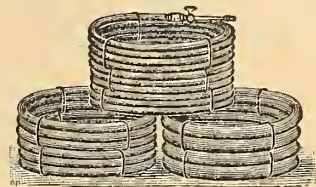
Each sprinkler is guaranteed not to clog or corrode. Sold on money back guarantee.

You can't go wrong! Get one to-day.

Price each, \$1.00. Postage Extra.

TO BE STUCK INTO GROUND

Garden Hose



Bolgiano's "Square-Deal" Moulded Hose

Bolgiano's "Square-Deal" Moulded Hose is made of the very best material and fills a long felt want for a high-grade hose at popular price. 15c per foot. Couplings Extra 20c pair.

Electric Hose



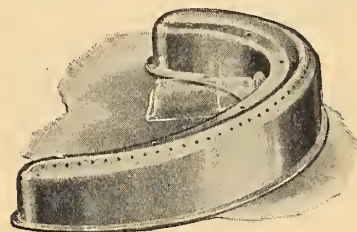
3/4-inch double fabric, will withstand, without bursting, 500 pounds hydraulic pressure. Will not kink. 22c per foot. Couplings Extra 20c pair.

Hose Nozzles



Combination nozzle. A straight stream when open, or a couple of turns will make any desired spray. Price 75c.

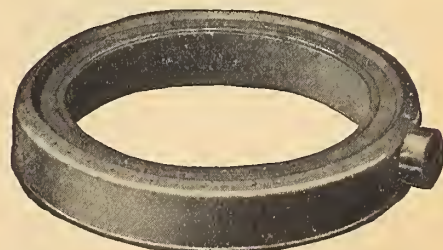
The Half Fountain Lawn Sprinkler



Has the "Mist-Like" Spray—Sprinkles the lawn—keeps the walks dry—Stays upright—Price 65c.

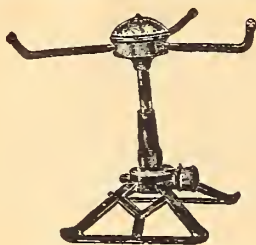
Mailing weight, 1 lb.

The "Original" Fountain



No moving parts. Sprinkles in a full circle. Very popular. 75c. Mailing weight, 1 lb.

Revolving Lawn Sprinklers



Universal Sprinkler

Universal. Black frame, with full nickel top and spreading arms. Sprinkles from both top and arms. \$2.15.

Preston. Black frame, with brass spreading arms. Not as tall as Universal, and sprinkles from arms only. \$1.60.

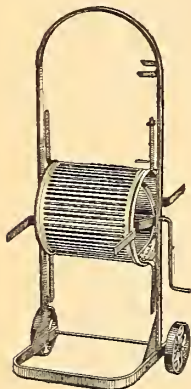
Mailing weight, 5 lbs.

Red Rubber Plant Sprinklers



Just the thing to get up under the foliage of the plant and sprinkle it where it is mostly neglected.

10 ounce bent.....\$1.25 each



Wirt & Knox Hose Reels

Wirt & Knox No. 2. All metal, best tubular steel frame, heavy corrugated galvanized steel drum\$3.75

No. 10. Absolutely all metal, tubular steel rims and frames. diameter of rim 21 inches\$4.25

No. 20. Same as No. 10 only diameter of rim 24 inches\$5.00

No. 2 Planet Jr. Edger



Neatness is the great secret of attractiveness in grounds surrounding a house, and to have this neatness the grass bordering walks must be frequently edged or trimmed. With the No. 2 Planet Jr. Edger you can edge either straight or curved walks of cement, stone or brick, rapidly and easily.

The edging disc is made of high-grade steel and will last for years. The tool is extremely simple and easy to operate, and there is nothing to get out of order. It is always ready for use, and should be the constant companion of the lawn mower. Price, \$1.80 each. Mailing weight, 4 lbs.

Parcel Post Extra, see Page 1

Steel Hoes



- Weeding Hoe No. 2 P. W.....50c
- Malleable Iron Socket, steel blade, S. R. 7....45c
- Sockets, Y. S. G. 6½.....80c
- Sockets, Y. S. G. 7½.....80c
- Faultless, F. S. 7.....\$1.00
- Warren, W. 7.....1.00
- Warren, W. 7½.....1.15
- Sprouting Hoe, H. G. 6-0.....75c
- Mailing weight, 3 lbs.

Spades



- D Handle, No. 2, plain.....\$1.25
- D Handle, No. 2, polished.....1.75
- No. 452. Long Handle Spade.....1.25
- Mailing weight, 8 lbs.

Shovels



- Long Handle Shovel, No. 2, polished.....\$1.75
- D Handle, No. 3, polished round point.....2.00
- Hollow Back Scoop Shovel, No. 2.....1.35
- Mailing weight, 8 lbs.

Square Point Dirt or Coal Shovel



Price, \$1.25 each. Mailing weight, 8 lbs.



Bush Hooks

Absolutely the best steel Bush Hook made, fully guaranteed. Price \$1.60. Mailing weight, 6 lbs.



Scythes

- English Steel Waldron Grass, 34 inch.....\$2.50
- Silver Steel Waldron Grass, 30, 32 and 34 in. 1.60
- One Piece Grass Scythe Briar Edge 30, 32 and 34 in. 1.25
- One Piece Weed Scythe Briar Edge 18-22 in. 1.25
- Bush Scythe, No. 50, 18 and 22 inch.....1.50
- Copper King Weed Scythe, 24 and 28 inch.. 1.55
- Mailing weight, 5 lbs.

Snaths

- Scythe Handles with Loop Bolts.....\$1.50
- Scythe Handles, with Rings.....1.75
- Mailing weight, 3 lbs.

Carborundum Scythe Stones

- Carborundum, No. 190, 10¼ in. long, 1 in. wide25c
- Carborundum, No. 191, 12¼ in. long, 1¼ in. wide30c
- Mailing weight, 2 lbs.

Mattocks, Heavy Steel



- Mattock, No. 424, L. C.....\$1.00
- Handles, extra35c
- M. H. 3, Mattock Hoe, light, complete.... 1.00
- Mailing weight, 6 lbs.

Turf or Edging Knife



For trimming edges of paths, drives, flower beds and horders.
Kohler's Half-Moon Shape, T-E.....\$1.00
Mailing weight, 5 lbs.

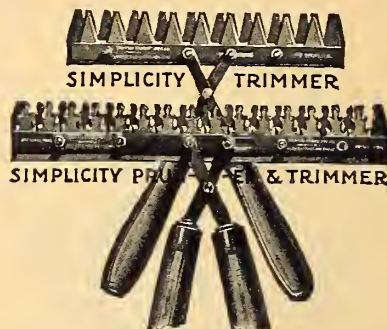
Little Wonder Hedge Trimmer



Little Wonder Hedge Trimmer. An excellent machine for cutting new growth of hedges, doing the work many times faster than the ordinary hedge shears.

- 50-inch 1-Man Trimmer.....\$19.25
- 40-inch 1- or 2-Man Trimmer.....25.00
- 60-inch 2-Man Trimmer.....30.00

Descriptive Folder sent on request.



SIMPLICITY TRIMMER

SIMPLICITY PRUNER & TRIMMER

THE EASY WAY IS THE

SIMPLICITY WAY

CUTTING MORE SURFACE WITH MORE CUTTING SURFACE

Actually doing more work with less work. Accomplishing in an hour what formerly took four hours with the old style shears.

SIMPLICITIES cut both in opening and closing. Think of it! What a time and energy saver this is.

SIMPLICITIES seem to almost work automatically and you must actually try them to realize how easy they work.

SIMPLICITY TRIMMER for first year growth only, weighs but two pounds.

SIMPLICITY PRUNER AND TRIMMER for pruning back old growth of hedge and shrubbery and trimming new growth as well, weighs but three pounds.

SIMPLICITIES are made of the finest High Grade Carbon Steel and will give you long service and satisfaction.

Trimmer, \$4.00. Pruner and Trimmer, \$6.00

Hedge Shears

- 6-inch\$1.15
- 8-inch1.60
- 9-inch1.75
- 10-inch1.90

With notch, 25c extra.

12-inch with notch only.\$2.65

Mailing weight, 6 lbs. each.

DON'T FORGET POSTAGE OR EXPRESSAGE EXTRA ON ALL TOOLS AND IMPLEMENTS.



Parcel Post Rates, see Page 1



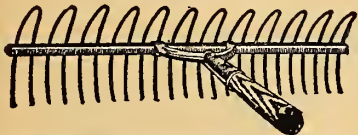
Lawn and Garden Rakes
 The Ole Olsen Lawn Rake
 The teeth are so constructed that when driven into the head they will never shrink from place and cannot fall out. Price 90c. Mailing weight, 4 lbs.

Iron and Steel Garden Rakes



Malleable Rakes, M. S. 12.....50c
 Malleable Rakes, M. S. 14.....60c
 Steel Rake, high grade, bent tooth, B. 12..\$1.10
 Steel Rake, high grade, bent tooth, B. 14.. 1.20
 Steel Bow Rakes, F. B. 14.....85c
 Steel Bow Rakes, F. B. 12.....80c
 Mailing weight, 5 lbs.

Lawn Queen Rake



Made of heavy, tinned, steel wire. These are excellent for lawn or walk work. The rake is reversible and will answer several purposes. 24-tooth one side, 12 to the other side. Price 60c. Mailing weight, 5 lbs.

YAMADE Nature's Wonder Rake

Works like the human hand, is flexible, adjustable, invincible. Saves time, energy and labor. Removes worms and worm casts from Putting Greens. Highly recommended for cleaning lawns, gravel walks and driveways of crab grass, leaves, etc. Price \$1.25.

Floral Sets

Shovel, Hoe and Rake, 3 F. S.....\$1.75
 Mailing weight, 10 lbs.

Spading Forks



Union "D" Handle, 4-prong, Z. S. A. L. D. \$1.25
 Union "D" Handle, 4-prong, Y. S. A. L. D. 1.50
 Union "D" Handle, 5-prong, S. 5 A. D.. 2.25
 Mailing weight, 6 lbs.

Manure Forks

First quality steel, Y. S. 4 1/2, 4-tine.....\$1.25
 Mailing weight, 4 lbs.

Potato Hooks

All steel, 4 B. O. L.....90c
 Mailing weight, 2 lbs.

Wood Handle Dibbles



Wood handle, brass points.....75c
 Wood handle, iron points.....55c
 Mailing weight, 1 lb.

"NORCROSS"

**Cultivator
 Hoes and Weeders**



**A favorite in most
 all gardens**

Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled. The sharp, tapering shovels enter the ground easily and are so arranged, one with another, as to literally tear up every inch of the soil, from one to five inches deep, as required. Detachable steel prongs, malleable head,

extra high grade handles, finely finished throughout. Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

Three Sizes and Prices

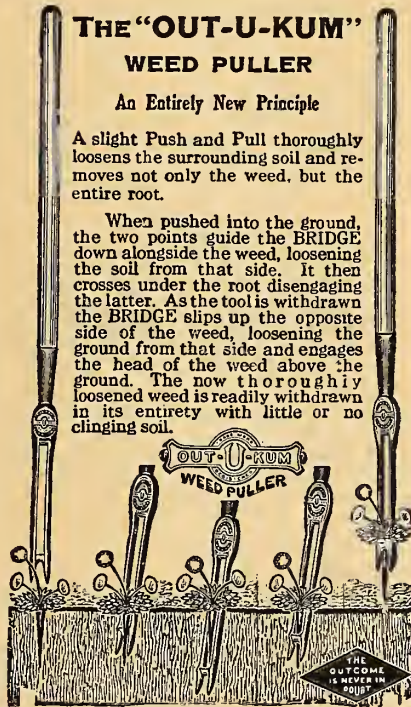
5-prong, 4 ft. handle, weight 3 lbs.....\$1.10
 3-prong, 4 ft. handle, weight 2 lbs..... .85
 "Midget," 9-inch handle, weight 12 ozs... .45

**THE "OUT-U-KUM"
 WEED PULLER**

An Entirely New Principle

A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the entire root.

When pushed into the ground, the two points guide the BRIDGE down alongside the weed, loosening the soil from that side. It then crosses under the root disengaging the latter. As the tool is withdrawn the BRIDGE slips up the opposite side of the weed, loosening the ground from that side and engages the head of the weed above the ground. The now thoroughly loosened weed is readily withdrawn in its entirety with little or no clinging soil.



Price, 75c each.
 Mailing weight, 2 lbs.

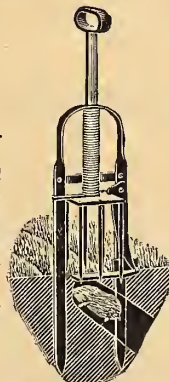
The Little Giant Mole Trap

No Mole Can Pass!

**SIMPLEST—
 SUREST—
 SAFEST—**

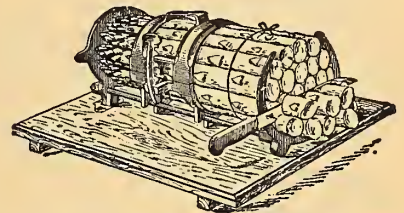
It is made of all steel and heavily tinned, which makes it a very attractive as well as a durable trap. The spears are made of spring-steel and are therefore smaller than those made of soft steel, piercing a mole more easily. 80c.

Mailing weight, 3 lbs.



Postage Extra, see Page 1

Asparagus Buncher



Anyone growing asparagus for market cannot afford to be without a buncher. It is impossible to make a neat attractive bunch without one. This is a durable implement of very neat construction, designed so accurately that when the buncher is filled, the clamp holds the asparagus firmly without breaking a stalk, making it possible to tie it tightly into a neat package. The difference in price received from asparagus in neat attractive bunches, will very soon more than offset the price paid for a good buncher. Don't start the season without one. Order early.

Price\$4.00
 Mailing weight, 6 lbs.

Asparagus Knives Made of Solid Steel



No. 2500. Fish Tail.....40c
 Mailing weight, 1 lb.

Raffia

Raffia for tying asparagus, also used extensively for tying plants, furnished in platted hanks weighing about 2 1/2 pounds each.

Price: 1 lb.25c
 5 lbs.20c
 25 lbs. or more.....18c

Postage Extra.

**ADJUSTABLE
 2" TO 6" WIDE**



**Pull Easy Adjustable
 Garden Tools**

Everyone who has worked in a garden will see at a glance the advantages of the "Pull-Easy" over any other kind of a garden tool. When the arms are spread out to full width of 18 inches the cultivator is like a rake.

For narrow rows the outer ends of the arms can be closed to any width down to 7 inches.

Hand Cultivator, 9-tooth, long handle....\$1.10
 Pull-Easy, Jr., short handle, 4-tooth..... 35c
 Pull-Easy, Jr., long handle, 4-tooth..... 55c

To reduce our stocks we are offering tools listed on this page at very low prices as long as they last.

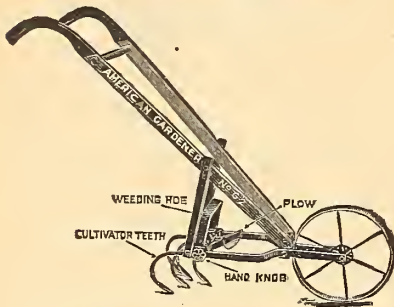
They are all in first-class condition packed in original boxes just as we received them from the factory.

**"Iron Age" No. 301
Double Wheel Hoe
with Cultivators
and Plows**



An indispensable machine to the market gardener or anyone cultivating a garden. This machine complete with all attachments. Price \$9.00.

Quick-Adjustable Cultivator



The True Temper Geneva, No. G2, is recognized everywhere as the only real quick-adjustable cultivator on the market.

It has a Weeding Hoe, a Plow and five Cultivator Teeth, all permanently attached to a revolving steel plate.

Any of these tools may be securely locked into working position by a few turns of the Hand Wheel—a time and labor saver.

Machine has steel forged tools, well selected oak handles, with comfortable handle grips. It has 14-inch steel wheel and is finished in colors, then varnished. Weight 20 lbs. Price \$5.50.

The large Turning Plow with landside, which is sold as extras, may be easily attached in place of Drill Plow. Price \$1.25.

Star Pulverizer, Weeder & Cultivator



An improvement over the old style pulverizer. 50% lighter and very easy to handle. The star discs break up the soil and the oscillating blade—which works forward and backward—pulverizes and levels the soil, and at the same time cuts off the weeds directly beneath the surface. Can be used right after a rain to cultivate and will not leave the ground in a lumpy condition.

Price \$3.50

**The "Iron Age" Plows, Cultivators, Hoes,
Rakes and Drill Seeders**

Complete Iron Age
Catalog on Request

**"Iron Age" No. 306
Combined Double
Wheel Hoe, Hill and
Drill Seeder**



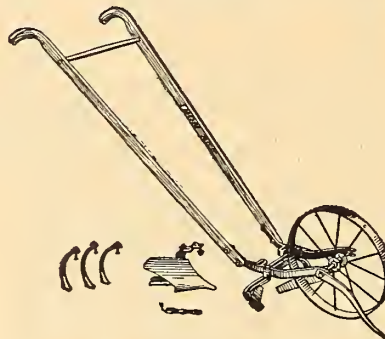
A practical tool for the market gardener; will sow all kinds of seed from Celery to Beans with the greatest regularity. Can be changed instantly from drill to hill-dropper, which will drop seed 4, 6, 8, 12 or 24 inches apart. Complete with cultivators, hoes, plows. Price \$16.00.

**"Iron Age" No. 316
Hill and Drill Seeder**



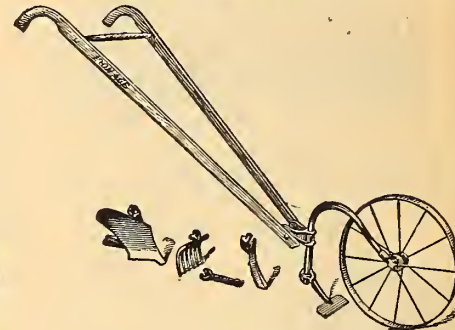
Here is an important tool built especially for those who do not care for a combined tool but desire separate machines for each purpose. The No. 316 will sow either in continuous rows or deeply in hills 4, 6, 8, 12 or 24 inches apart. The change from hill to drill seeder takes only a moment. We strongly recommend it to all who need a machine for seeding only. Price \$13.00.

**"Iron Age" No. 320 Single Wheel
Hoe**



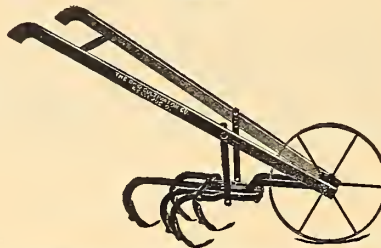
A strongly constructed implement for the amateur or market gardener. It is light in weight and of simple construction. The attachments are a pair of side hoes, three cultivator teeth, a vine lifter and a plow. Price \$6.25.

**"Iron Age" No. 12 Wheel Plow and
Cultivator**



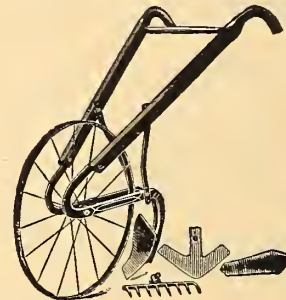
This simple, light-weight machine will be found of great service in simplifying the work in the small vegetable or flower garden. The average weight of this machine with one working tool is but 8 pounds. Price \$4.50.

Skaboo



A complete five-shovel cultivator with detachable double-point reversible shovels. Adjustable from 10 to 14 inches in cutting width. A garden tool that will please the most exacting. Price \$4.75. Weight, 21 lbs.

**No. 1 Climax
Cultivator**



This garden Cultivator has made a reputation and the 24-inch high wheel makes it an implement which will serve any purpose desired. Price \$3.25 each.

No. 2. Same as No. 1, only handles run straight to axles without overhang. Price \$3.25.

A SEED DRILL FOR 1925

The old saying "Doing only one thing at a time" is all wrong when speaking of seeders.

A good seed drill does the following, all in one operation.

1. Marks the row or drill.
2. Opens the drill for the seed.
3. Sows the seed.
4. Covers the seed.
5. Rolls the soil after seeding.
- And does all these things accurately.

Owing to the wheel equipment the drill opens the row to the same depth at all times, not "deep in one place and shallow in another," as would be done with the average hand tool; it distributes the seed evenly in the drill, "not scattered in one place and bunched in another as the average person would do seeding by hand," it covers the seed the same depth from one end of the row to the other, which means that the seed will germinate and grow at the same time, not a few today and a few tomorrow and a few in 4 or 5 days more as is the usual result of careless hand seeding. The roller behind the drill presses the soil firmly to the seed, thus causing it to germinate more quickly and making cultivation possible as soon as the small plants appear. (You can plant your seed only one way with a good drill, the right way.)

Planet Jr. Garden Tools

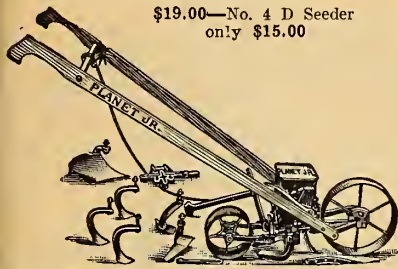
Biggest Savers for Farm and Garden

72-Page Planet Jr. Catalog Free. Describes 70 tools, including Seeders, Wheel Hoes, Horse Hoes, Harrows. Write Postal for it.

Why worry along with slow, out-of-date implements and meagre results? Planet Jr. tools are far more economical—they do 3 to 6 times the work, get bigger, better crops, and outlast several ordinary implements. Fully guaranteed. You are actually losing money whenever you cultivate without them.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

\$19.00—No. 4 D Seeder only \$15.00



Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily. Capacity 2 qts.

No. 25 Planet Jr. Hill and Drill Seeder, Double and Single Wheel Hoe

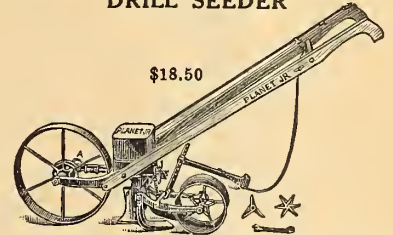
\$22.50



A splendid combination for the family garden, onion grower, or large gardener. It is a perfect seeder, and combined double and single wheel hoe.

PLANET JR. No. 3 HILL AND DRILL SEEDER

\$18.50



This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills and also drops in hills 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever or the flow of seed is stopped by pushing down the feed rod. No time is lost, no seed is wasted; it is quickly set to sow the different kinds of seeds in the exact quantity required. We guarantee this drill to be accurate and to give satisfaction. The accuracy insures a regular stand of plants with the least seed, and the price of the drill is more than made up in the saving of seed. Holds 3 quarts.

No. 17 Planet Jr. Single Wheel Hoe

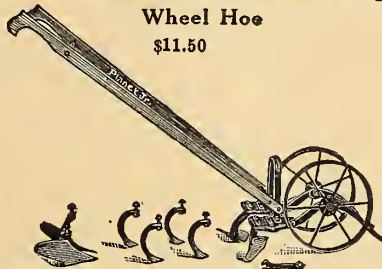
\$8.00



The highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest and best way.

No. 12 Planet Jr. Double and Single Wheel Hoe

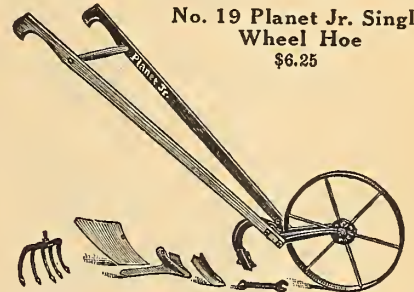
\$11.50



A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.

No. 19 Planet Jr. Single Wheel Hoe

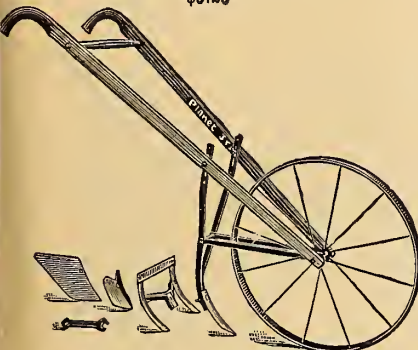
\$6.25



This combination will delight the suburbanite, the growing boy, woman, younger or older, who will find it a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

No. 119 Planet Jr. Garden Plow and Cultivator

\$5.25



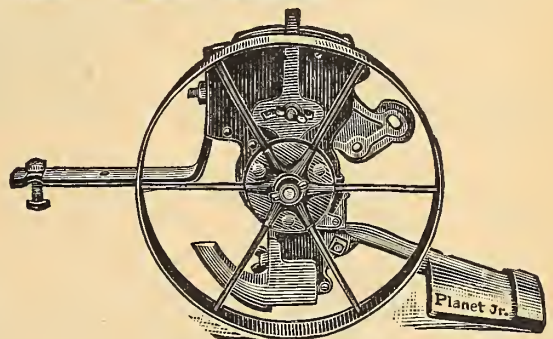
This new member of the "Planet Jr." family will appeal to all those who prefer a high wheel tool for their garden work. Where the soil has not been so thoroughly and carefully prepared, the high wheel undoubtedly makes an easy running tool. The wheel is 24 inches in diameter with a rim 1½ inches wide, insuring easy running in the lightest soil.

No. 35 Planet Jr. Seeder Attachment

This small seeder can be attached to any Planet Jr. Single or Double Wheel Hoes or Garden Plows, and will be found particularly suitable for the small kitchen garden. It will plant practically all seeds in a straight continuous row, at a uniform depth in a fraction of the time required by hand and infinitely better. The hopper holds one pint of seed and it can be used for planting even a small packet of seed. Also has a bracket to which a handle can be attached and used independently of the wheel hoe.

Everyone having a small kitchen garden should have this handy seeder.

Packed weight, 8½ pounds. Price, \$6.50,



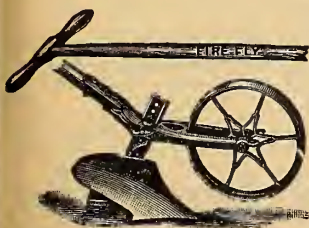
No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hoe

\$11.00



It will sow even a small packet of garden seed with great precision. Quickly changed to a splendid wheel hoe. A special machine for the small gardener. No. 31-D (Seeder only.) \$9.75.

Fire-Fly Garden Plow



This tool is exceedingly useful to owners of small gardens. It will throw a furrow of 4 to 6 inches wide and 1 to 3 inches deep, and deeper by going a second time in each furrow. It opens furrows for manure or seeds and covers them, and opens up rows for all kinds of plant setting.

Chicken raisers find it of great advantage in plowing up their scratching yards.

Packed weight, 14 pounds

\$4.25

SPRAYING SCHEDULE

What to Spray.	Diseases and Insects.	Material to Use.	Quantities to Use.	When to Spray.
Apple	San Jose Scale	Lime Sulphur Solution or BTS.	6 gals. to 50 gals. of water. 12 lbs. to 50 gals. of water.	During dormant period, late winter or early spring, before foliage begins to grow.
	Bud Moth and Case Bearers.	Arsenate of Lead	Paste form 3 lbs. or powder form 1½ lb. to 50 gals. Lime Sulphur Solution.	Just as the leaf buds are beginning to swell, preparatory to opening.
	Green and Rosy Aphid.	Nicotine or Black Leaf 40	¾ pt. to 50 gals. of water.	Early spring, when leaf buds show green at tips. Can be used in lime sulphur spray, if used cautiously, before leaf buds open.
	Woolly Aphid.	Nicotine or Black Leaf 40	½ pt. to 50 gals. of water.	Autumn is usually the best time on roots. Remove soil for several feet. Spray roots thoroughly, also spray infested parts on tops thoroughly.
	Leaf Hopper, Red and Green Bugs.	Nicotine or Black Leaf 40	¾ pt. to 50 gals. of water.	When the blossoms show pink, and again when the blossoms are about two-thirds gone.
	Scab, Leaf Spot, Cedar Rust, Curculio, Canker Worm.	Lime Sulphur Solution or Bts. and Arsenate of Lead.	1½ gals. Lime Sulphur or 3 lbs. BTS. 2½ lbs. Arsenate of Lead Paste or 1½ lbs. Powder to 50 gals. of water.	When the cluster buds open and begin to show pink on varieties subject to scab and cedar rust. Atomic Sulphur, 7 lbs. to 50 gals. of water is recommended in place of lime and sulphur.
	Codling Moth and Scab.	Same as used for Scab Leaf Spot, etc.	Same as used for Scab Leaf Spot, etc.	As soon as the white bloom petals fall. Repeat three weeks later and again about nine weeks after the petals fall.
	Bitter Rot	Bordeaux Mixture and Arsenate of Lead.	11 lbs. paste or 4½ lbs. powder. 2½ lbs. paste or 1½ lbs. powder to 50 gals. of water.	About nine weeks after the petals fall. Repeat in two weeks and again two weeks later.
	Apple Blotch	Same as Bitter Rot	Same as Bitter Rot	About three weeks after the white petals fall. Just before the calyx closes.
Peach and Plum	San Jose Scale and Peach Leaf Curl	Lime Sulphur Solution or BTS.	6 gals. or 12 lbs. to 50 gals. water.	From three to six weeks before the trees bloom.
	Terrapin Scale	Scalescide	¾ gals. to 50 gals. water	Where Terrapin Scale is prevalent, this spray is recommended in place of lime sulphur, as it will control San Jose Scale and Peach Leaf Curl, also.
	Curculio, Scab and Brown Rot. First application	Arsenate of Lead and Lime.	1½ lb. paste or ¾ lbs. powder. 4 lbs. Lime slacked into a milk, to 50 gals. water.	This is used as a dormant spray, about three to six weeks before the trees bloom. On peaches apply ten days after the petals fall. On plums apply as soon as the petals fall.
	Second application	Add Atomic Sulphur to above.	5 lbs. to 50 gals. water.	Three weeks after the first spraying.
	Third application	Same as second	Same as second	One month before the fruit ripens.
Pear and Quince	San Jose Scale, Pear Psylla and Pear Leaf Blister Mite.	Lime Sulphur or BTS.	6 gals. or 12 lbs. to 50 gals. water.	When the blossom cluster buds begin to separate. If the Psylla and Blister Mite are not present, the application may be made earlier.
	Codling Moth, Scab, Leaf Spot, etc.	Bordeaux Arsenate of Lead.	5 lbs. powder or 12 lbs. paste to 50 gals. water.	As soon as the petals fall. Repeat three weeks later.
Cherry	Curculio, Slug, Leaf Spot and Brown Rot.	Lime Sulphur or BTS. and Arsenate of Lead.	1½ gals. or 3 lbs. and 2 lbs. to 50 gals. water.	When the first leaves come out, just before the blossoms open. Repeat as soon as the petals fall. Repeat again two weeks later and again immediately after picking the crop.
Grape	Black Rot, Mildew, Root Worm, Berry Moth, etc.	Bordeaux Lead	6½ lbs powder or 15½ lbs. paste to 50 gals. water.	After the shoots push out, just before blooming. Repeat as soon as the blossoms fall; again two weeks later, and again two weeks later.
Raspberries, Blackberries, Currants and Gooseberries.	Orange Rust, Anthracnose, Cane Blight, Leaf Spot and Leaf Eating Insects.	Cut and burn all diseased plants. Bordeaux Lead	3½ lbs. powder or 15½ lbs. paste to 50 gals. water.	When the foliage comes out, before the blooms open. Repeat as soon as the fruit has set, repeat again in ten days or two weeks.
	Powdery Mildew	Lime Sulphur or BTS.	6 gals. or 12 lbs. to 50 gals. water.	When the bushes are dormant, before the buds begin to open. When this disease is troublesome use 1½ gals. Lime Sulphur or 3 lbs. BTS. to 50 gals. water in place of Bordeaux. When spraying for Orange Rust and Anthracnose as directed above.
Potatoes and Tomatoes.	Potato Beetle, Flea Beetle, Blight, etc.	Bordeaux Zinc	6½ lbs. powder or 15½ lbs. paste to 50 gals. water.	As soon as the insects first appear or as soon as the plants are six inches high. If blight is not prevalent use 2 lbs. of Arsenate of Zinc Powder to 50 gals. of water, as this will control beetle more effectively. Repeat this application every ten days or two weeks until the crop matures. Discontinue on tomatoes three weeks before the fruit ripens to avoid danger of poisoning.
Asparagus	Beetle	Arsenate of Zinc	2 lbs. to 50 gals. of water	Allow a few stalks to grow and branch out. The beetle will collect on these stalks. Spray these stalks once a week until the beetle disappears. The other growth can be kept cut for table or market.
	Rust	Atomic Sulphur	7 lbs. to 50 gals. of water.	Three weeks after cutting is finished. Repeat every three weeks until late fall, then all growth should be cut off and burned.
Celery	Blight or Rust	Bordeaux Mixture	8 lbs. paste or 3½ lbs. powder to 50 gals. water.	Begin spraying before the plants are taken from the seed beds and continue at intervals of ten days throughout the season.
Cabbage, Brussels Sprouts, Cauliflower.	Worms	Arsenate of Lead or Arsenate of Calcium Powder.	1½ lbs. to 2 lbs. to 50 gals. of water.	As soon as the worms appear, and until the plants are half-grown. It is not safe to use poisons after this period, if they have not been controlled at this time use Arsenate of Zinc, 1½ lbs. to 50 gals. water until they disappear.
Cucumber, Cantaloupe and Similar Vine Crops.	Beetle	Slug Shot or Bug Death.	Ready prepared.	As soon as they appear dust with powder gun early in the morning when dew is on the plants. Continue until they disappear.
	Aphis	Black Leaf 40	¾ pt. to 50 gals. water.	As soon as they appear spray the leaves well on the under side.
Peas, both garden and sweet.	Aphis	Same as above	Same as above	Same as above.
Strawberry	Leaf Spot	Bordeaux	3½ lbs. powder or 8 lbs. paste to 50 gals. of water.	Apply just before blooming. Repeat in about twenty days.
Cotton	Caterpillar	Arsenate of Lead Powder.	2 to 4 lbs. per acre, according to size of plants.	Apply with powder gun early in the morning when plants are wet with dew.
Tobacco	Horn Worm	Arsenate of Lead Powder.	3 to 5 lbs. per acre, according to size of plants.	Apply with powder gun early in the morning when plants are wet with dew.
Shade Trees and Ornamental Shrubs.	Caterpillars and other leaf eating insects.	Arsenate of Lead Powder.	1½ to 2½ lbs. to 50 gals. water.	When they appear and repeat when necessary. When leaf diseases are troublesome add 1½ gals. Lime Sulphur Solution to 50 gals. spray.

Do You Buy Satisfaction or Just Sprayers?

Parcel Post Rates, see Page 1

HUDSON

"Perfection" Sprayer



The Perfection Sprayer combines all the essential features of a successful compressed air sprayer. The tank is riveted and soldered exactly like a steam boiler. It will withstand any pressure with perfect safety to the operator. The pump is all brass and properly proportioned. The Nozzle is the most satisfactory shut-off nozzle made; it will close tight under any pressure and there is consequently no leakage or damage to clothing, floors, etc. It will handle all solutions. Capacity approximately 4 gallons. Price, galvanized steel, \$8.50. Price, brass, \$9.50. 2 foot Extension Rod 40c.

Shipping weight, 12 lbs.

Hudson Junior Sprayer

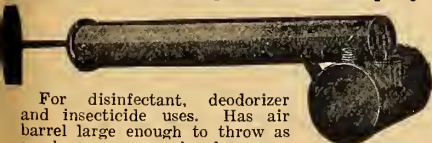


The Hudson Junior is a high pressure compressed air sprayer. It is designed especially for the Farmer and Gardener, or any one having a few fruit trees, ornamental shrubs, rose bushes, or a vegetable garden which requires spraying. It will do the work just as thoroughly as any larger power outfit, as it has all the necessary features to produce the best results.

It is equipped with special spray hose built to withstand high pressures, and our "Perfection" automatic shut-off nozzle. An extension may be used with it if desired.

Capacity about 2½ gallons. Shipping weight 8 pounds. No. 140-G. Junior with galvanized tank. Price each, \$5.00.

Little Wonder Special Hand Spray



For disinfectant, deodorizer and insecticide uses. Has air barrel large enough to throw as much spray as any hand sprayer. Has liquid tube carefully located and protected. Has a drip cup with finished edges. Has lock seams and tank tested by 20-pound air pressure. Capacity 1 Pt. Mailing weight, 3 lbs. Price 40c.

The Auto Compressed Air Sprayer



The Auto-Spray has been standard for 20 years, and over 600,000 are in use with experiment stations and horticulturists all over the world.

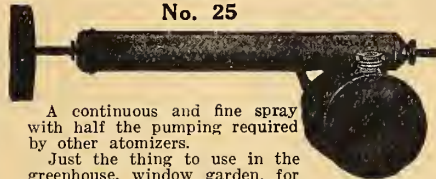
Two pumpings of about 15 strokes on the plunger will discharge the contents under high and constant pressure. After pumping, the operator has nothing to do but direct the spray. This sprayer is equipped with our patented NON-CLOGGING Nozzle.

Length of Cylinder, 21 in.; weight, loaded, 39 pounds; diameter of cylinder, 7 in.; capacity, about 4 gallons; weight, empty, 7 lbs.

Auto-Spray No. 1B. Brass Reservoir. Auto-Pop Nozzle. Price \$9.00.

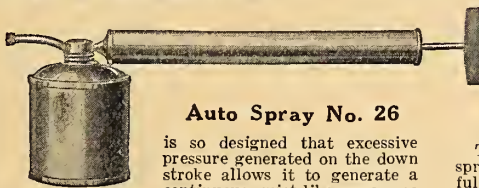
Mailing weight 10 lbs.

Auto Compressed Air Sprayer No. 25



A continuous and fine spray with half the pumping required by other atomizers.

Just the thing to use in the greenhouse, window garden, for rose bushes and in the poultry house; will handle all solutions, insecticides and disinfectants. Made throughout of stout material. Copper syphon tube, bronze ball valve plunger, rod ¼-inch copper plated steel. The solution does not come in contact with the pump cylinder. The spray may be adjusted by a slight turn of nozzle cap. Tin Pump and brass tank. Price \$1.50. Mailing weight, 3 lbs.



Auto Spray No. 26

is so designed that excessive pressure generated on the down stroke allows it to generate a continuous mist-like spray so that spraying can be done more rapidly with less exertion. All brass, price each, \$1.25. Mailing weight, 3 lbs.



No. 452 Misty Sprayer

The best quart size sprayer made, and one that is a universal favorite. Construction is the very best. Price 45c. Mailing weight, 2 lbs.

HUDSON MODOC BUCKET PUMP

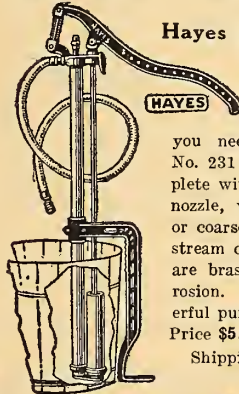


Price \$4.00

The Hudson Modoc is used in spraying fruit trees and vines, garden truck, ornamental shrubs and hedges; for whitewash, disinfectants, insecticides; for washing automobiles, wagons, windows, or in an emergency as a fire pump.

It is double acting, developing 150 pounds nozzle pressure. Discharge equipment 3 feet ¾ in Spray Hose and fog nozzle fitted with discs for fine or coarse spray or solid stream. Standard Package—One in heavy fibre carton. Weight 6 pounds.

Hayes Hand Bucket Sprayer, No. 231



If you grow anything, whether for profit or pleasure, you need a bucket sprayer. No. 231 consists of pump complete with hose and small disc nozzle, with the disc for fine or coarse spray and extra solid stream cap. All working parts are brass, not subject to corrosion. This is the most powerful pump of the bucket type. Price \$5.00.

Shipping weight, 9 lbs.



Hayes Hand Barrel Spray Pump without Barrel

This pump represents all that is best in hand spray pump construction. Designed with powerful leverage it is easy working and capable of developing 150 lbs. pressure without tiresome pumping. All working parts including cylinder, valves, valve seats, spring expander and strainer are brass or bronze so that no part is subject to the corrosive action of spraying solutions. It is built for continuous service, year after year, with the minimum of attention and repair.

It has a universal plate which allows it to be mounted on either the closed end or side of barrel.

No.	Description	Shipping Weight	Price
1821	Pump No. 182, 2-inch cylinder, 2¼-inch air chamber	38 Lbs.	\$13.50
Equipment on 1821. 12½ ft. ½-inch 5-ply spray hose, couplings, clamps and Hayes Disc Nozzle.			

ARMSTRONG STANDARD SPRAY PUMP

A One-Man, One Hundred Purpose Pump



Price \$5.50. Postpaid

The Armstrong Standard Spray Pump is simply a very carefully designed and accurately made "squirt-gun" provided with a proper outfit of nozzles. Its simplicity largely accounts for its unusual power.

Its plan of operation is so simple and so different from other types of spraying apparatus. This permits the use of the hose on the suction end instead of on the discharge end. That is why it is possible to use the Armstrong Standard either with a bucket, barrel or knapsack, depending upon the number of trees or the kind of spraying to be done. The work of spraying is always done **from the ground**. No ladder, long extension or raised platform is needed. A large tree can be completely sprayed with **ten or a dozen strokes** of the pump.

Better Fruit and More of It

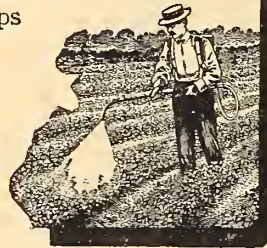
That is what you get from your orchard if you use

The Standard Spray Pump

Simplest and most powerful sprayer on the market. Will spray the tallest tree from the ground. Used with tank, barrel, bucket or knapsack. Sprays your potato patch as fast as you can walk, and keeps your vineyard in perfect condition.

Whitewash your chicken buildings, and spray cattle-dip with the Standard Spray Pump. The money it will save in a single year will pay for it 10 times over.

Solid brass throughout. Fully guaranteed. Stop at our store and let us show you how it works.

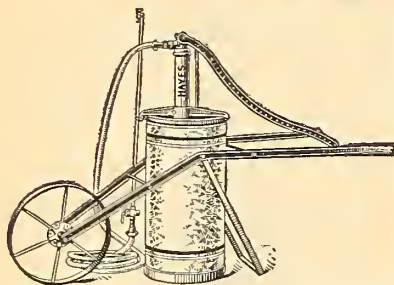


PRICE LIST

STANDARD SPRAY PUMP, with Hose, Strainer and Nozzles No. 1 and No. 2 (East of Denver).....	\$5.50
(Price West of Denver and in Extreme South).....	6.50
No. 3 or MIST NOZZLE.....	.50
KNAPSACKS, made of Heavy Galvanized Iron and ready for attaching to pump.....	4.25
"POTATO" EXTENSION ATTACHMENT.....	1.00
EXTRA HOSE, any length, per foot.....	.18
No. 1 or No. 2 NOZZLES, each.....	.25
VETERINARY NOZZLES, Hard Rubber.....	.50
EXTRA STRAINERS, with 16-inch Brass Pipe.....	.75

Prices include delivery by Prepaid Express or Parcel Post on receipt of remittance. Money returned on return of Goods, if same are not satisfactory.

No. 1721 F. Hayes Wheelbarrow Sprayer



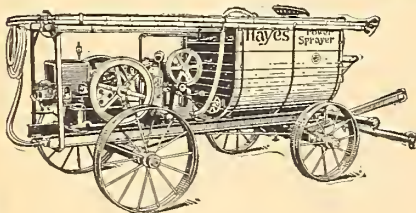
This handy portable outfit is especially designed for small orchards, truck gardens, greenhouses, estates, public parks and general farm, home and garden work. Goes anywhere like a wheelbarrow, through narrow openings and between narrow row crops.

Most powerful and easiest working hand pump made. 150 to 250 lbs. pressure with little effort. Just look at the number of things you can do. Spray orchard trees, bushes, vines. Spray potatoes, garden crops.

Whitewash barns, pens, coops, fences, cellars, sheds, yards and poultry house. Its many uses plant it well at the top of profitable farm equipment.

SPECIFICATIONS

Cart. All steel, strongly cross braced. Steel wheel 16-inch, 2-inch tire. Folding brace steadies pump.
 Tank. 12½ gals. heavy galvanized steel banded.
 Pump. Cylinder 2-inch, 2¼-inch air chamber.
 Equipment. 12½-foot section Hayes 5-ply ½-inch spray hose, with fittings; 8-foot steel extension with leakless stop cock, one Hayes Vermorel Nozzle. Shipping weight, 75½ lbs. Price \$22.00.

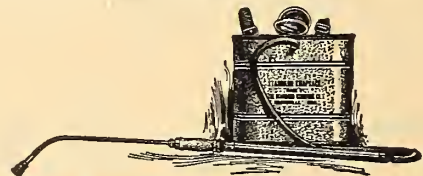


Hayes Power Sprayers

Ideal for the orchardist. Write for Special Prices.

Armstrong Standard Pump with Knapsack and Short Extension Attachments

For spraying young or scattered trees or truck crops such as potatoes, tobacco and the like, the knapsack and short curved extension are used with the pump. With this equipment, the Armstrong Standard will spray potatoes one row at a time at the rate of an acre an hour or better.

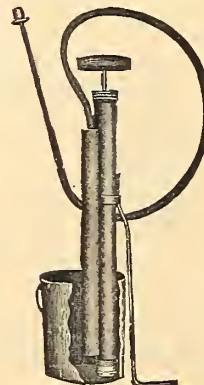


Price complete, \$10.75. Postpaid

By different arrangements of the several nozzles regularly supplied, sprays of varying fineness—from a mist to a straight stream that carries sixty feet—are produced.

The Armstrong Standard is made entirely of brass. No leather packings are used and no metal subject to rust or decay. Every Armstrong Standard is warranted for five years. This makes it the most economical spraying device on the market.

No. 28 Whitewash Sprayer and Force Pump

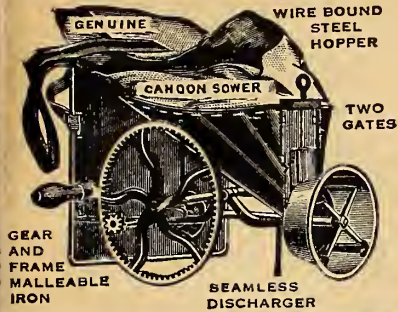


No. 28. Whitewash Sprayer and Force Pump is designed for use in pail or bucket, and will fit any size. The pump is made of galvanized iron. The top and bottom are made of brass. It is regularly equipped with 3 feet of best hose, 1-foot brass extension rod and a brass nozzle, which will give two different sizes of sprays. It has ball valves and steel foot rest. The pump is provided with an overflow, which carries all the liquid which might get above the plunger back into the pail. The plunger is easily removed and easy to operate, due to double action. Made with large air chamber. The pressure being held in the air chamber and on the nozzle

enables the operator to throw a continuous spray, which is not affected by the movement of the plunger.

Much more work can be done with this pump in a day than can be done with a brush. The force with which the material is applied causes it to penetrate the small crevices, making a perfect job. Price \$2.75.

Cahoon's Broadcast Seeder



Sows all kinds of clover, grass and grain seeds, and throws heavy seeds; it will throw forty feet. A model for accuracy and durability. Malleable iron frame, steel hopper and gate, brass discharger. Price \$4.50.

The "Cyclone" Seed Sower



Has won for itself first place among all kinds of Hand Seed Sowers. It has proven in thousands of instances that it is the most accurate, most convenient to operate and most economical machine for sowing Clover, Timothy, Alfalfa, and all other farm seeds that can be sown broadcast. It runs easily and will distribute any desired quantity of seed per acre.

The "Cyclone" Seed Sower is constructed on correct up-to-date principles. Price \$2.00.

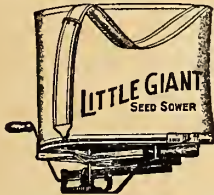
The Feeny Model B Duster—The Best Duster Made



Here It Is

The Model B is always ready to pick up and use—so clean that you may do your dusting with your good clothes on. Your Garden, Flowers, Fruit, Bushes, etc., will not suffer from insect pests if you have a Model B Duster handy—it does not have to be cleaned after use. You simply use it, lay it aside and pick it up all ready for use the next time. It is so easy, clean and convenient that it is really fascinating to use the Model B Duster. Price 90c.

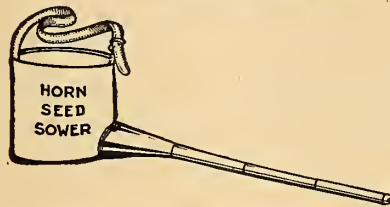
The "Little Giant" Seed Sower



The Little Giant (geared), known as No. 3, needs no introduction. It has been sold for more than twenty-five years. It is well known and has a good reputation.

Construction: This sower has a steel frame with heavy bearings and strong cog wheels. Has a rigid distributing wheel with steel spindle and ferrule. Is equipped with a stirrer to keep the seed from clogging, a body shield and a conveniently placed carrying handle. Is made from good materials and is nicely finished. Sack holds one-half bushel. Will sow all kinds of farm seeds, lawn grass, etc. Shipping weight, 4 lbs. Price \$2.00.

The "Horn" Seed Sower



A light, accurate Seeder that will broadcast all varieties of clean farm seed, lawn grass, etc. It is made to telescope in three sections and has a feed gauge to regulate the flow of different kinds of seed. The sack is made from a good grade of duck. Shipping weight, 1 lb. Price 80c each.

BE PREPARED

Don't wait until the insects appear before thinking of ordering insecticides. Many a fine crop has been entirely destroyed by not having material at hand to kill these pests.

It is also wise to get in a complete stock of spraying material in advance, as weather conditions and growing seasons vary to such a degree that it is impossible to compare one season with another, and by having material at hand, no crop of fruit or truck will be lost by not having been sprayed at the proper time.

All insecticides and spraying materials offered by us are well packed and sealed, and do not lose their effective properties in a short while. They are products of reputable manufacturers whose standard qualities are known throughout the country. Order early for success.

Orchard Brand Insecticides

All Prices Subject to Change Without Notice

"Orchard Brand" Lime Sulphur Solution

For Use in the Dormant Period

This material combines the great fungicidal properties of Sulphur with the Scale remedy and is especially recommended for Peach and Plum trees, which need the combined treatment in the Fall and Spring. In spraying this material care should be exercised to avoid getting it in the eyes, and gloves should protect the hands.

Add 10 parts cold water to one part of Lime Sulphur solution and stir thoroughly. Apply with spray pump.

1-Gal. can	90c	12-Gal. Drums, per gal.....	22c
5-Gal. can	\$3.50	Bbl., per gal.....	20c
10-Gal. can	\$5.00		

Bbls. extra at \$3.00 each; 12-Gallon Drums at \$1.50 each and returnable at same price F. O. B. shippers station before August 1st, 1925, if returned in good condition.

Orchard Brand Bordeaux Arsenate Lead Powder

A combined Fungicide and Insecticide. This is a combination of our Bordeaux mixture and arsenate of lead in dry form. It contains not less than 24.1 per cent copper hydroxide, equivalent to 15.7 per cent metallic copper and not less than 30 per cent lead arsenate. It is preferable to the paste form because it is more stable, easier to handle, may be more easily weighed out and is generally more convenient and economical to handle. Directions: 5 to 8 1/4 lbs. to 50 gals. of water according to strength desired.

1-Lb. package, per Lb.....	40c	25-Lb. package, per Lb.....	34c
5-Lb. package, per Lb.....	36c	50-Lb. package, per Lb.....	33c
10-Lb. package, per Lb.....	35c	100-Lb. package, per Lb.....	32c

Arsenate of Zinc, Powder

This is a dry powder containing not less than 30 per cent metallic arsenic, equivalent to 40 per cent arsenious oxide. It is convenient to handle, economical to use and equally as effective when used in dry or liquid applications. Owing to its quick killing properties, adhesiveness and freedom from injurious effects, it is recognized as the best material for killing potato bugs, asparagus beetle and other insect pests on truck crops.

1-Lb. package, per Lb.....	40c	25-Lb. package, per Lb.....	31c
5-Lb. package, per Lb.....	35c	50-Lb. package, per Lb.....	30c
10-Lb. package, per Lb.....	33c	100-Lb. package, per Lb.....	20c

Orchard Brand Bordeaux Mixture Powder

Recommended for Rust, Scab and all kinds of Rot and other fungus diseases: This is a distinctive product, possessing a peculiarly fine physical structure, manufactured according to a special process with a view to insuring good adhesive properties. It contains not less than 33.49 per cent copper hydroxide, equivalent to 21.82 per cent metallic copper. As it is in a dry form, it is preferable to the paste because it is more stable, easier to handle, may be more accurately weighed out, is less wasteful and consequently is more economical in general use. Directions: 3 1/2 to 6 lbs. to 50 gals. of water according to strength desired.

1-Lb. package, per Lb.....	30c	25-Lb. package, per Lb.....	19c
5-Lb. package, per Lb.....	25c	50-Lb. package, per Lb.....	18c
10-Lb. package, per Lb.....	22c	100-Lb. package, per Lb.....	17c

Dry Powder Arsenate of Lead

One pound of Dry Arsenate of Lead equals three pounds of any paste Arsenate of Lead. It mixes with water more readily than any other Arsenate of Lead. Stays in suspension better, covers more thoroughly and sticks on the foliage longer; no lumps, no sediment, no waste; simpler, cleaner and better in every particular. Easily prepared for the spray tank.

1-Lb. package, per Lb.....	35c	24-Lb.case(6 4-Lb.bags)per Lb.23c
4-Lb. package, per Lb.....	30c	48-Lb.case(12 4-Lb.bags)per Lb.27c
8-Lb. (2 4-Lb. bags) per Lb.....	29c	96-Lb.case(24 4-Lb.bags)per Lb.26c

Atomic Sulphur

This is a yellowish paste, containing not less than 45 per cent of sulphur in a paste form. The finely divided condition of the sulphur makes it one of the best fungicides available for the control of certain diseases, such as scab and brown rot of the peach and other stone fruits, scab and mildew of apple and most of the rust diseases.

1-Lb. package, per Lb.....	25c	25-Lb. package, per Lb.....	16c
5-Lb. package, per Lb.....	20c	50-Lb. package, per Lb.....	14c
10-Lb. package, per Lb.....	18c	100-Lb. package, per Lb.....	12c

Send for Booklet containing Spraying Schedules and directions for using Orchard Brand Spray Materials.

Orchard Brand Insecticides—Continued

PARCEL POST RATES, SEE PAGE 1

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

B. T. S.

This is a dry barium sulphur compound in a granular crystalline form, readily soluble in cold water.

It can be used for dormant spraying of all fruit trees and in the growing period may be used on apple trees the same as lime-sulphur solution. Like the solution it should not be used in the growing period on peach or other stone fruits.

A 100-Lb. keg of B. T. S. is equivalent to a 50-gallon barrel of lime-sulphur solution weighing about 600 lbs.

Price : 1 Lb. 25c. 5 Lbs. 20c Lb. 10 Lbs. 16c Lb. 50 Lbs 14c Lb. 100 Lbs. 11c Lb.

Commercial Flour Sulphur

99½ Per Cent Pure

Price: 1 Lb. 10c. 25 Lbs. 8c Lb. 150-Lb. bag \$4.50 per 100 Lbs. 260-Lb. Bbl. at \$4.00 per 100 Lbs.

Arsenate of Calcium, Powder

This is a fine, white powder similar to powdered arsenate of lead. The arsenic is combined with lime instead of lead, thus making a cheaper product. It contains nearly one-third more arsenic oxide than that contained in powdered arsenate of lead. It is recommended for use as a substitute for arsenate of lead on shade trees, grape vines, and the more resistant varieties of apples. It is also valuable for general spraying on vegetables. It is specially recommended for dusting cotton. It should not be used on peaches or other stone fruits.

Price: 1 Lb. 35c. 5 Lbs. 30c Lb. 10 Lbs. 28c Lb. 25 Lbs 25c Lb. 50 Lbs. 23c Lb. 100 Lbs. 22c Lb.

Pure Para-Dichlorobenzene for Peach Borer

One of the most troublesome and destructive pests with which the peach grower must annually contend is the peach borer. This insect is found generally throughout the United States wherever peaches are grown, east of the Rocky Mountains.

Unless they are destroyed or removed they will frequently so completely girdle the tree as to destroy the flow of sap and thus cause the tree to die through lack of nourishment.

For the control of the borer **PARA-DICHLOROBENZENE** has proved to be safe and most effective.

Time of Application

Where only one treatment is given the application of para-dichlorobenzene should be made from September 1st to October 10th; the earlier date applying in the northern latitudes and the later date in the southern sections of the country.

Some growers prefer to make two applications, in which event the first should be made during the month of June.

Para-dichlorobenzene should not be used on apple trees.

Price: 1 Lb. 50c. 5 Lbs. 40c Lb. 10 Lbs. 35c Lb. 25 Lbs. 30c Lb. 50 Lbs. 28c Lb. 100 Lbs. 25c Lb. 150-Lb. Keg 24c Lb.

Blue Stone

Crystal Copper Sulphate 99 Per Cent Pure

Price: 1 Lb. 15c. 25 Lbs. 12c Lb. 50 Lbs. 10c Lb. 100 Lbs. 9c Lb.

Bug Death



Bug Death kills Potato, Squash and Cucumber Bugs; Currant and Tomato Worms, and all Bugs and Worms that chew the leaves of the plants; non-poisonous. Directions for applying dry: For Potato and other vines which require a top application, apply dry with a shaker or sifter, or powder spray at the rate of 15 to 25 pounds per acre to an application, according to size and condition of the vines. Directions for using in water: Add 15 to 20 pounds to 80 gallons of water and mix thoroughly. 1-Lb. package 20c. 3-Lb. package 40c. 5-Lb. package 60c. 12½-Lb. package \$1.45. 100-Lb. package \$8.75.

Slug Shot (Hammond's)

A light, non-poisonous composite fine powder for killing Potato Bugs, Currant and Cabbage Worms, Chicken Lice, Sow Bugs, Green and Black Fly, Beetles and Caterpillars. Not injurious or dangerous to persons or animals. Easily distributed by duster bellows, or in water by spraying. Ten to 40 pounds sufficient for an acre. 1-Lb. package 20c. 5-Lb. package 50c.



Paris Green

The chief merit of this article is the destruction of the Potato Bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster the rate of 1 pound Paris Green to 100 pounds Land Plaster. ¼ Lb. 20c. ½ Lb. 35c. Lb. 55c. 2 Lbs. at 50c Lb. 14 Lbs. at 48c Lb.

Lemon Oil Company's "Standard" Insecticide

Perfectly safe and harmless to the tenderest foliage and roots. It effectually destroys Mealy Bugs by syringing or dipping. It also destroys Scales, Thrip, Red Spider, Black and Green Fly, Caterpillar, American Blight, Mildew, etc. Dilute with 50 parts of water. ½ Pt. 35c. Pt. 60c. Qt. \$1.00. ½ Gal. \$1.75. Gal. \$3.00.



Cutworm Killer

A coarse powder for sprinkling in proximity to the vegetation to be protected. 1 Lb. box 40c.

Dry Lime Sulfur

S-W Dry Lime Sulfur is a true Lime Sulfur Solution in dry powdered form. In making Dry Lime Sulfur the standard 33% Liquid Lime Sulfur is used and the water evaporated by a patented process. It contains all of the advantages and efficiency of Liquid Lime Sulfur with none of its disadvantages.

Dry Lime-Sulfur is effective against the same insect pests and fungus diseases that you have fought with Lime-Sulfur Solution in the past. It will control San Jose Scale, and other scale insects.

Price: 1 Lb. 30c. 5 Lbs. 25c. Lb. 10 Lbs. 20c Lb. 25 Lbs. 18c Lb. 50 Lbs. 16c Lb. 100 Lbs. 15c Lb.

Hall's 40% Free Nicotine

(Liquid)

For greenhouse spraying or vaporizing, 40 per cent Nicotine guaranteed. It is Nicotine in the free state—the quickest and deadliest form, the best for greenhouse use.

It may be used for either spraying or fumigating. In either case it kills plant-lice and similar insects every time. In either case it is easy to handle and very economical.

8 pound tins, \$15.00. 2 pound tins, \$4.25. ½ pound tins, \$1.40.



Powdered White Hellebore

Less poisonous than Paris Green and safer to use when fruit or vegetables are nearly ripe. ¼ Lb. 20c. ½ Lb. 35c. 1 Lb. 60c.

Tree Tanglefoot

For protecting trees against climbing insect pests in a simple, economical and effective way. Tree Tanglefoot, a sticky substance applied directly to the bark of the tree. One application remains sticky on the trees three months fully exposed to weather. Easily applied with small wooden paddle. One pound will spread 8 feet long by 5 inches wide, 1-16 inch thick. 1-Lb. can 60c. 5-Lb. can \$2.75. 10-Lb. can \$5.25.



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE
PARCEL POST RATES, SEE PAGE 1

A DANGER SIGNAL!



The great combined insecticide and fungicide. The loss caused by insects on fruit and truck crops in this country each year is over \$100,000,000. The damage done by fungous diseases in this country each year is estimated to be fully as great as that done by insects. Pyrox kills all leaf chewing insects and at the same time protects the crop against all fungous diseases.

Pyrox is used for spraying fruit trees, potato and tomato vines, cucumbers, melons, celery, peppers, egg plants, squashes, cabbage, sweet potatoes, beans, asparagus, corn, shrubs and flowers. It is particularly valuable for tomatoes, invigorating the vine and killing the worms. It kills apple worms and potato bugs, codling moths and all other chewing insects, prevents fungous diseases such as apple scab, potato blight and bitter rot; it sticks to and protects the foliage in spite of heavy rains; it is smooth and fine, goes through the finest nozzle, thus going further and doing more effective work.

Pyrox keeps the foliage healthy and green throughout the growing season; gives it greater vigor and enables your vegetable plants and fruit trees to produce to their very limit.

Spray Early. It is important that remedies to kill blight and bugs be applied before the bugs or blight show themselves. The great secret is to begin early. Prepare for them in advance. Do not wait until the vines are covered with bugs or show blight before applying the remedy.

"Come back!—Come back!! When you see that Pyrox on a leaf, you just come right back home to mother!"

You haven't time to take chances. Spray your fruits, vegetables and potatoes with Pyrox and know that your crops are safe from insects, bugs, scab, blight and rot.

Pyrox is first and last for the practical grower. For nineteen years it has stood the test of practical every-day use by practical every-day men. Pyrox is all ready to use by simply mixing with cold water. It is so smooth and fine that it goes through the finest spray nozzles without clogging. It can be sprayed as fine as fog. It goes farther and does better work.

It sticks like paint. It stays on for weeks. Respraying is necessary only to cover new growth. It gives thorough protection during rainy weather when insects and disease do their deadliest work.

Prices: 1 Lb. 50c. 5 Lbs. \$1.75. 10 Lbs. \$3.00. 25 Lbs. \$6.25. 50 Lbs. \$10.75. 100 Lbs. \$17.00. 300 Lbs. \$48.00.

"SCALECIDE"

The OUNCE of PREVENTION

Will control all forms of scale—San Jose Scale, Lecanium or Terrapin Scale, Oyster Shell and Scurfy Scale—Pear Psylla, Leaf Roller, Bud Both, Case-bearer, and Aphis, as well as fungous troubles controllable by a dormant spray.

In fact, do everything that any other dormant spray or combination of sprays will do, and—**COST NO MORE.**

1-Qt. can \$.60 10-Gal. can \$10.60
1-Gal. can 1.40 15-Gal. drum 13.50
5-Gal. can 6.25 50-Gal. barrel 38.00

HALL'S NICOTINE FUMIGATOR

Free Nicotine in Powder Form



A fumigating powder saturated with Free Nicotine. Rids the greenhouse of plant-lice and similar insects. It lights quickly, burns evenly and will not go out. No waste—every particle is consumed.

A measuring dipper comes in each tin. One dipperful produces 7000 cubic feet of deadly Nicotine fumes. Nine dipperfuls fumigate a 30 by 200 ft. greenhouse for only 75 cents.

10 Lb. tins \$8.50; 2½ Lb. tins, \$2.50; 1 Lb. tins, \$1.25.

TOBACCO DUST

For Green and Black Aphis, Fleas, Beetles, etc. Splendid fertilizer and preventative for insects in the ground and around the roots. For insects on plants apply with powder duster or bellows. For Worms or Grubs in the soil, apply liberally to the surface and rake in or strew thickly in the drills before planting. Per Lb. 10c. 2 Lbs. 15c. 25 Lbs. \$1.25. 100 Lbs. \$4.00.

Why Raise Roses to Feed Bugs

Melrosine—the only remedy—endorsed by leading authorities. The GENERAL CONTACT INSECTICIDE that KILLS ROSEBUGS and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use. Guaranteed effective when used according to directions on can. Trial Size, 50c. Pt. \$1.00. Qt. \$1.75. ½ Gal. \$3.25. Gal. \$6.00. By mail or express at customer's expense. Descriptive booklet on request.

Melrosine—It Kills Rosebugs



Fish Oil Soap

Makes an elegant wash for trees and plants where insect and eggs affect the bark. For plant-lice, oyster shell and San Jose Scale. For April or May spraying for scale or when buds are breaking use 1 lb. to 5 gals. of water. Do not spray when in bloom. 1 Lb. 30c.

"Black Leaf 40"

"Black Leaf 40" is Truly a "Contact" Insecticide

The "sucking" insects feed by inserting their sharp, slender beaks into the interior of the leaf, blossoms, etc. They cannot eat plant tissue, and, therefore, cannot eat poisons, hence must be destroyed with a preparation which kills by coming in contact with their bodies—in other words, by a "contact" insecticide. The most common sucking insects, with soft bodies, are the aphids (plant-lice), thrips and leaf hoppers. They may be effectively controlled with "Black Leaf 40," a concentrated solution of nicotine sulphate guaranteed to contain 40 per cent of nicotine by weight. 1 Oz. 35c. ½ Lb. \$1.25. 2 Lbs. \$3.50. 10 Lbs. \$13.50.



KEY-WEED

Kills Weed

Destroys Grass, Poison Ivy, Sumac and all kinds of undesirable vegetation. An application of this will keep drives, walks and tennis courts absolutely free from vegetable growths. Key-Weed Killer is a liquid which is to be diluted in water. It can be applied with an ordinary sprinkler or watering pot. Mix one part to 49 parts of water. 1-Qt. can 65c. 1 Gal. \$1.75. 5 Gals. \$7.50. Bbl., 50 gals., \$50.00.



Sulpho Tobacco Soap

An excellent article for the person with a few plants. Especially good for destroying scale on palms and other plants. Soluble in warm water. Per 3-oz. package, 10c; postage 2c. 20c per 8-oz. package; postage 4c.

Dethol

Insecticide—Moth Preventive—Disinfectant—Deodorant

Dethol is an efficient insecticide that quickly kills and rids premises of such pests as flies, mosquitoes, roaches, bed bugs, ants and water bugs. Spray Dethol around windows and keep out flies and mosquitoes. When bothered with roaches, ants and other bugs, Dethol sprayed on infested places will quickly draw out these pests and a few more applications will kill them instantly. Spray Dethol thoroughly and frequently everywhere in the bed room and on the bed if troubled with bed bugs. As a moth preventive, Dethol can be freely sprayed on clothing, rugs, draperies, etc., as it will not stain even the most delicate fabrics.

Spray it on refuse cans, in outhouses and in damp cellars where foul odors are likely to arise, and it will quickly neutralize and do away with all such offensive odors.

Do not spray Dethol on or near growing plants. Price: Pt. 50c. Qt. 90c. Gal. \$2.75.

Keeps the Flies Away from the Cow Increases Milk Production over 20 Per Cent



PRICE
 1 qt. 50c.
 ½-Gal. 75c.
 1 gal. \$1.25
 Postage Extra

Disinfectant for Live Stock, Barns, Dairy and Poultry



Non-poisonous—powerful—germ killer
 Leaves no odor—clean—colorless

PRICES

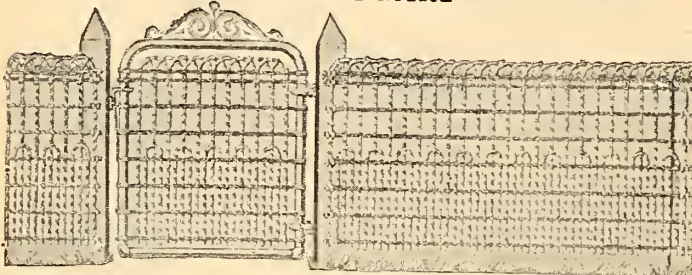
Quart. Farm Pkg.	\$1.25
Gallon	3.00
Five gallon	12.50

"Square-Deal" Ornamental Gates

Our "Square-Deal" Ornamental Gates are made to match our "Square-Deal" Ornamental Lawn Fence. The frames are made of best grade 1½-inch O. D. tubular steel. All "Square-Deal" Ornamental Gates are equipped with scroll top and spring latch. The fabric in all "Square-Deal" Ornamental Gates are made especially to fit the frame of the gate. There are no sharp ends projecting, and each filler is a complete piece of fabric in itself.

Height	Width	Price, Each
36, 42 or 48 inches	3 feet	\$4.00
36, 42 or 48 inches	3½ feet	4.25

ALL GALVANIZED WIRE PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Upright or picket wires are No. 9 heavily galvanized, spaced 2¾ inches apart at top, with an additional No. 9 galvanized picket interwoven, so as to give an extra close spacing of 1¾ inches at the bottom.

Cabled line wires are No. 12½, spaced 6 inches apart, except the two top cables, which are spaced 2¾ inches apart.

Galvanized Steel Posts

No. 14½ Line Post, 5 feet	\$0.74
No. 14½ Line Post, 6 feet	.80
No. 14½ Line Post, 6½ feet	.83
No. 14½ Line Post, 7 feet	.91
No. 14½ Line Post, 7½ feet	.97
No. 10 End Post, 7 feet with brace	4.90
No. 10 End Post, 8 feet, with brace	5.55
No. 10 Corner Post, 7 feet with braces	7.30
No. 10 Corner Post, 8 feet, with braces	7.85
Top ornament for line post	.30
Top ornament for end and corner post	.60
Drive Cap	.40



"Square-Deal" Ornamental Lawn Fence

Style 600 Fabric Specifications

Height of fabric	36 inches	42 inches	48 inches
Number of cables	7	8	9
Price per lineal foot	16c	18c	20c

Put up in 20-rod rolls. Full rolls 10 per cent discount. The extra pickets at bottom of fabric engage the lower cables as follows: 36-inch and 42-inch, four cables; 48-inch, five cables.

National Poultry and Garden Fence

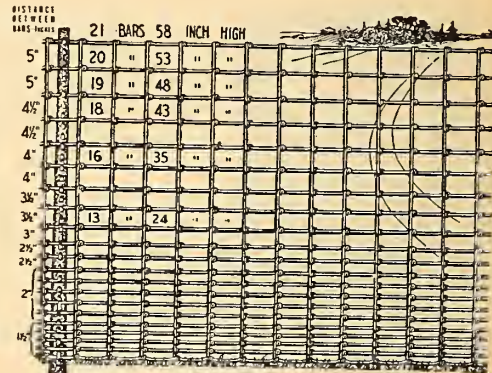
Stay Wire Six Inches Apart
 Prices F. O. B. Baltimore, Md.

Top or bottom boards are not required with this Poultry Fence. The heavy top and bottom wires and the close spacing make the fence rigid and easy to stretch.

The illustrated cut at the right shows the National Poultry and Garden Fence, giving the inches of spacing, the number of bars and the heights. We carry in stock the three most popular heights, as listed below. The National Poultry and Garden Fence makes an ideal fence against poultry and all small animals. The spacing (as per illustration) is graduated from 1½ inches at the bottom to 5 inches at the top. The distances between the stay wires is 6 inches.

Furnished only in Rolls of 10 Rods or 165 Lineal Feet.

Style No.	Distance Between Stays	Height, Inches	Number of Bars	Approximate Weight per Rod	List Price per Rod	Our Price per Rod
2158	6	58	21	10.8	\$1.37	\$.70
1948	6	48	19	9.7	1.22	.62
1635	6	35	16	8.0	1.01	.52



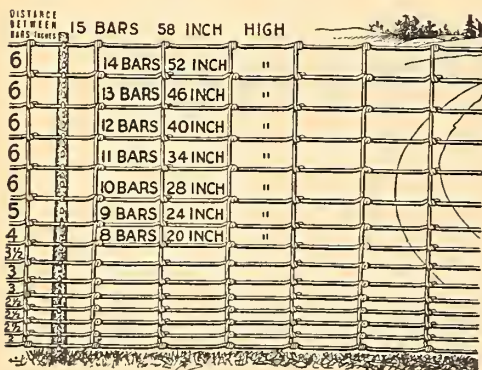
National Close Mesh Hog and Cattle Fence

Stay Wires 12 Inches Apart

Furnished only in Rolls of 20 Rods or 330 Lineal Feet.

The illustrated cut at the left shows the National Close Mesh Hog and Cattle Fence, giving the inches of spacing, the number of bars and the heights. We carry in stock the two most popular heights, as listed below. The spacing is graduated from 2 inches at the bottom to 6 inches at the top, as shown in the illustration. All prices on Wire F. O. B. Baltimore, Md., and subject to change without notice.

Style No.	Number of Horizontal Wires	Height in Inches	Approximate Weight per Rod	List Price per Rod	Our Price per Rod
1346	13	46	9.3	\$1.07	45c
1134	11	34	7.8	.90	40c



Prices Subject to Change Without Notice
Parcel Post Rates, see Page 1

Silver Finish Poultry and Pigeon Wire

Galvanized after weaving. Worth 50 per cent more to the customer than galvanized before weaving.

Hard steel wire. Put up in rolls of 150 feet. Galvanized after weaving. Two-inch mesh.

	Per Roll
12 inch, 150 square feet.....	\$1.40
24 inch, 300 square feet.....	2.55
36 inch, 450 square feet.....	3.50
48 inch, 600 square feet.....	4.60
60 inch, 750 square feet.....	5.80
72 inch, 900 square feet.....	7.00

Pigeon Wire

Galvanized after weaving. One-inch mesh.

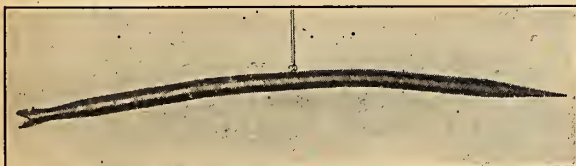
	Per Roll
12 inch, 150 square feet.....	\$3.25
24 inch, 300 square feet.....	5.90
36 inch, 450 square feet.....	7.90
48 inch, 600 square feet.....	10.75
60 inch, 750 square feet.....	13.25

Hardware Cloth

For lining corn cribs, to circle around brooders for newly hatched chicks. Put up in rolls of 100 feet.

	Per Roll
12 inch, 100 square feet.....	\$6.60
18 inch, 150 square feet.....	9.90
24 inch, 200 square feet.....	12.60
30 inch, 250 square feet.....	15.75
36 inch, 300 square feet.....	18.90
48 inch, 400 square feet.....	25.20

Scare Bird Snake



Birds destroy large quantities of fruit each year and especially cherries.

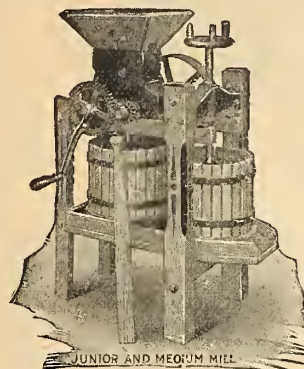
The Scare Bird Snake is the most practical creation ever devised to protect fruit and gardens from birds.

This snake is suspended by means of a string or wire in a conspicuous part of the tree or near the center. The birds upon approaching catch sight of the snake moving to and fro in the breeze, with large white eyes and red mouth wide open, are frightened away not to return.

A trial will demonstrate the real value of The Scare Bird Snake.

Mailing weight, 1 lb. Price \$1.00. Postage extra.

Red Cross Cider Mills



The Junior and Medium

These mills have no superior at any price, in design, ease of operation or appearance. The frame is made of maple and finished in natural wood color. The press-screw is of steel, with accurately cut threads, and operates through a heavy cast-iron crosshead.

The Junior and the Medium are similar in construction, the Medium being a larger and heavier mill. Each is fitted with a heavy pulley, 16 inches in diameter, and this may be driven with a 2½-inch belt from a small gasoline engine. These sizes are usually operated by hand, and the pulley, which weighs 20 pounds, serves as a very effective balance wheel.

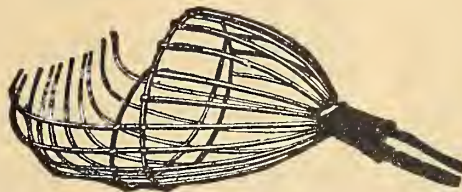
The Junior weighs 180 pounds and has a capacity of 2 to 4 barrels of cider per day. Price \$27.25.

The Medium weighs 235 pounds and has a capacity of 3 to 6 barrels of cider per day. Price \$31.25.

The Senior is of the same general design as the Junior and Medium, but is larger and is operated by power or by two cranks, which are furnished with the mill.

The Senior has a capacity of 6 to 12 barrels of cider per day, and weighs 341 pounds. Price \$44.75.

Pennsylvania Fruit Picker



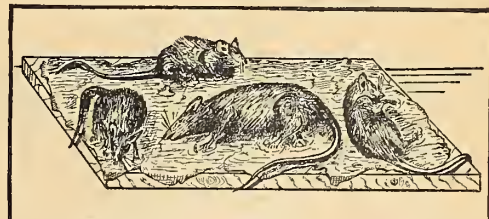
More Pennsylvania Fruit Pickers are used than all other makes combined. A reliable Fruit Picker which can be sold at a low price.

As a Fruit Picker it has no superior. Made of Heavy Galvanized Wire, and easily adjusted to a pole.

It will gather Apples, Peaches, Pears, etc.

Mailing weight, 1 lb. each. Price 50c each. \$4.00 Doz.

"HOLDZEM"



Preferable to Poisons or Metal Traps.
SAFE—Non-Poisonous—Non-Inflammable.
EFFECTIVE—For use inside or outside of buildings.
EASY—Just spread it on a board.

An Adhesive Especially Prepared for Catching Rats and Mice.

	PRICES
½ Lb.	\$1.25
1 Lb.	2.25
2 Lbs.	4.50
5 Lbs.	10.00

POSTAGE EXTRA

RAT CORN



Rat Corn

Price per pkg.

25c postpaid

RATS and MICE SPREAD DISEASE

These Traps Kill Them

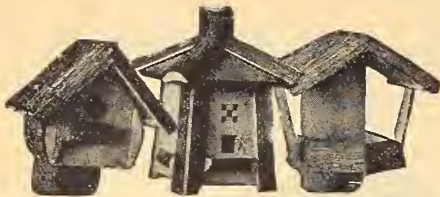
Victor Mouse Traps 3 for 10¢
Victor Rat Traps 2 for 25¢

WEIGHT

Mouse Traps	1 oz. each
Rat Traps	½ lb. each

POSTAGE EXTRA

ART SET



Bluebird No. 62 Wren No. 61 Robin No. 60
\$1.65 Each. The Three for \$4.75
Weight 9 pounds

Bolgiano's Bird Houses

KEEP YOUR BIRDS AT HOME

Great enthusiasm is now being shown in the protection of our native song birds; fewer birds migrate because the many bird friends are doing all in their power to keep the birds at home by placing feeding boxes and shelters conspicuously on their lawns and groves, to feed and shelter them from the winter storms. In doing this you are furnishing food for the birds when it is impossible for them to find food from natural sources.

You understand birds are great insect destroyers; it is reported by the United States Department of Agriculture that Blue Birds, Robins, Black Capped Chickadee, House Wren, Brown Thrasher, Cat Birds, Barn Swallows, Towhee, Song Sparrows, Field Sparrows, Purple Grackle, Baltimore Oriole, Meadow Lark, Red Winged Black-bird, Bobolink, Blue Jay, Phoebe, Flickers, Red Headed Woodpeckers and Yellow Billed Cuckoo are all great insect destroyers. The Government has gone very extensively in their investigation, and on examining the stomach of the birds they have found the larger percentage of its contents to be insects, and many of these insects are giving the fruit growers the most trouble; had our birds been protected years ago, spraying would not be necessary today. From the Government investigation was learned another important truth, that birds feed on weed seed, and this is of great benefit to the American farmer, as it reduces the crop of weeds that oftentimes prove a destruction to crops in wet seasons.

Put up feeding boxes and feeding shelters. Keep plenty of feed in them. We can supply you with the many different varieties. Wild seeds make a good feed for the birds. If you want birds to have their home in the grove near your home, take advantage of the opportunity now and put up bird nest boxes. They will build their nests there in the spring, thus making your home a source of pleasure with their morning songs. What is more beautiful than having all the trees filled with birds warbling their songs? Don't delay in putting up the bird box nest, as they locate their nest building early.



Bluebird House No. 21
Price \$1.65. Express Extra

Prices Bolgiano's Rustic Bird Houses

WREN HOUSES—5 STYLES

Log Cabin, No. 11; Teepee, No. 12; Shack, No. 13; Bungalow, No. 61 and Slab, No. 23. \$1.65 each; any three for \$4.75. Add postage. Weight 4 pounds each.

BLUE BIRD HOUSES—2 STYLES

No. 21 and No. 62. \$1.65 each. Add postage. Weight 4 pounds each.

WOODPECKER HOUSES

No. 25. \$1.65. Weight 4 pounds. Postage extra.

ROBIN HOUSE, No. 60

\$1.65. Weight 4 pounds. Postage extra.

COMBINATION WREN AND ROBIN HOUSE

No. 63. Wren with Robin pulpit. \$2.00. Weight 5 pounds. Postage extra.

BRACKET WREN HOUSE, No. 17

"Jennie's Choice." Weight 3 pounds. \$1.50. Postage extra.

HANGING BARREL WREN HOUSE, No. 50

English Sparrows do not trouble this swinging house. Price \$1.50. Weight 3 pounds. Postage extra.

SWINGING HOUSE, No. 14

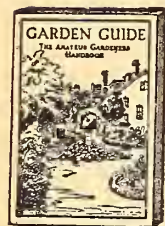
Suitable for either Wren or Blue Bird. Interchangeable. Price \$2.00. Weight 4 pounds. Postage extra.

Valuable Books on the Farm and Garden

CARE OF PLANTS, Etc.

GARDEN GUIDE

THE AMATEUR GARDENER'S HANDBOOK



Tells how to plan, plant and maintain the home grounds, the suburban garden, the city lot; how to grow good vegetables and fruit; how to care for roses and other favorite flowers, hardy plants, trees, shrubs, lawns, porch plants and window boxes. Chapters on garden furniture and accessories, with useful rules and receipts, selected lists of plants, etc.

THE GARDEN GUIDE

Covers all of the above subjects fully; tells what to do and how to do it, from plowing up the ground to storing or canning the harvest. Written by gardening experts to meet the wants of the home gardener, who will find in it an answer to the 1001 questions that crop up season after season. The GARDEN GUIDE is the most practical book of its kind published.

Handsome four-color cover. 384 pages, 15 Planting Plans. 275 teaching illustrations. Price: Paper bound, \$1.00 (\$1.10 postpaid). Cloth bound, \$1.50 (\$1.65 postpaid).

HOME FRUIT GROWER

A practical guide to the growing of fruit for home use. It covers the entire subject of growth, cultivation, pruning and grafting. Illustrated with teaching pictures. Beautiful cover in four colors. Very valuable. Paper bound, \$1.00 (\$1.10 postpaid). Cloth bound, \$1.50 (\$1.65 postpaid).

MILADY'S HOUSE PLANTS

To all women taking pleasure in the companionship of plants in the home and wishing to be made acquainted with the conditions essential to their well being, this instructive book, concisely written and easily understood, will make a strong appeal. 100 illustrations. 4 color cover. The chapter on "Sun Parlors as Plant Rooms" is a new departure. The subject is gone into minutely and this one chapter alone is worth many times the price asked for the book. Paper bound, 75c (80c postpaid). Cloth bound, \$1.00 (\$1.10 postpaid).

PLANT PROPAGATION

Second Edition Revised and Greatly Enlarged

This book is written to instruct the florist and gardener in knowing just how to propagate the plants he expects to grow without the necessity of consulting more voluminous or expensive works. Copiously illustrated with instructions readily understood. It makes clearer a thousand little points which the old edition touched upon. Cloth bound, \$2.00 (postpaid \$2.15).

COMMERCIAL ROSE CULTURE

By EBER HOLMES

This book embraces the growing of roses under glass and outdoors. There will be found no better guide to their successful culture than this edition which contains 165 pages. Heavily illustrated, size 7 1/4" x 5". Price \$1.75 (postpaid \$1.90).

A LITTLE BOOK OF ANNUALS

By ALFRED C. HOTTES

This Little Book of Annuals has been written for the increasing throng of amateurs who grow flowers for the love of them. It is a reliable guide through the season of annual bloom. A handsome, carefully written, thoroughly edited, freely illustrated, accurately indexed book of 128 pages.

Paper cover, \$1.00 (postpaid \$1.10); cloth binding, \$1.50 (postpaid \$1.60).

A LITTLE BOOK OF PERENNIALS

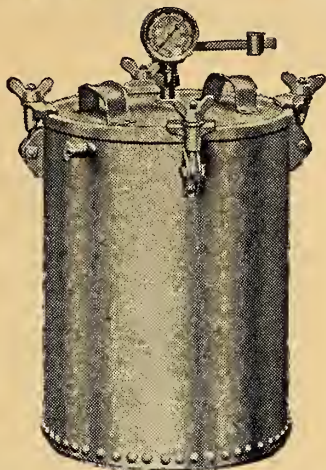
By ALFRED HOTTES

For the amateur and professional. Companion book to the Little Book of Annuals. Devoted to the general principles of growing, using, selecting and propagating perennials. Illustrated.

Paper bound, \$1.00 (\$1.10 postpaid). Cloth Bound, \$1.50 (\$1.60 postpaid).

If You Are Interested in Hotel, Factory or Community Steam Pressure Canning Outfits, We Will Be Pleased to Furnish Prices

"National" Junior No. 1 Canner
For Canning Vegetables, Fruit, Meat, Fish, Etc.



Shipping
Weight
55
Pounds

Price
\$20

Daily
Capacity
200
to
400
Cans

Consists of one 12 x 18 inch steel retort, with cover, packing, etc., steam gauge, one perforated galvanized crate, one safety valve, one petcock, one triangle and one thumb nut wrench.

In order to be prepared to can all varieties of fruit, vegetables, meats, fish, etc., it is absolutely necessary to have a "Steam Pressure Canner," as this is the only way you can be assured of perfect sterilization. A great many vegetables and all meats require a pressure of 250 degrees Fahrenheit for perfect sterilization, and the only way this can be attained is with steam under pressure. Our "National" Junior No. 1, which is illustrated above, is particularly well adapted for canning in the home and also for use by Government demonstrators. It will hold ten quart jars or fifteen pints at one loading. Tin cans may also be used. With one of our small canners you can put up enough fruit, vegetables, meats, etc., to supply the table for the entire year at a great saving.

A Few Reasons for Canning in Sanitary Tin Cans With The Burpee Home Can Sealer

Marketable. When canning is done in the regular marketable size tin cans, much fruit and vegetables that now go to waste can be canned and sold.

Simple and Easy to Operate. The machine is simple, inexpensive, easy to operate and can be clamped to any table. One machine can be used to seal the No. 2 (pint) and No. 3 (quart) size cans. A separate machine is used for sealing the gallon cans.

Receipts. A book of reliable receipts for canning fruit, vegetables, soups, meat and fish is supplied with each machine.

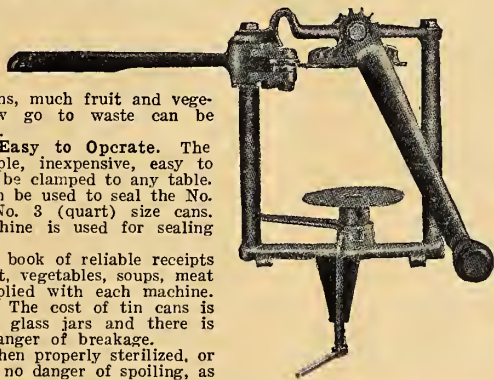
Costs Less. The cost of tin cans is much less than glass jars and there is absolutely no danger of breakage.

No Loss. When properly sterilized, or cooked, there is no danger of spoiling, as the cans always seal airtight.

Flavor Retained. The delicious flavor of the fresh fruits and vegetables is not lost when canning in tin cans, because the cans are sealed airtight before the cooking is done.

Reduces Labor and Fuel. By piling the cans one on top of another when being cooked, twice the amount can be cooked in the same time.

No. 23, Burpee Home Can Sealer, with opener and reflanger, for sealing both No. 2 and No. 3 Cans. Price, \$21.00.



"Delphos" Improved Sheet Iron Corn Popper



Why Better Than Others

First—Has all merits of other poppers.
Second—Patent "Delphos" tinned wire rod operating cover device, running through sheet metal handle, opens and closes cover, preventing finger burns.

Third—Improved sunken butter drainer in cover of pan.

Fourth—Perforated cover for shaking out unpoped grains.

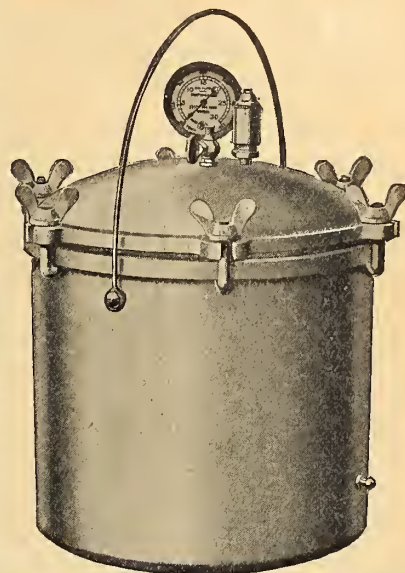
Fifth—Handsome embossed cover and improved general construction.

Price, 40c each. Mailing weight, 2 lbs.

All prices F. O. B. Baltimore. Subject to change without notice. Parcel Post Rates, see Page 1.

"National" Aluminum Pressure Cooker

The high cost of living can be reduced materially by the use of our Aluminum Pressure Cooker and many hours of time can be saved by the housewife every day in the year. The outfit is complete in every detail and should be a part of the equipment of every kitchen. It is made of highly polished aluminum and the fittings are all of high-grade brass, which also adds greatly to the appearance of the cooker. The cooker may also be used for canning in small quantities.



The steam gauge registers the number of pounds pressure in the cooker at all times and is absolutely reliable. The petcock is to create free circulation of steam and should be left entirely open until all the cold air is forced out of the cooker and steam commences to pass off, when it should be partly closed. The special safety valve, which is made specially for use with the "National" Pressure Cooker, is adjustable so that it can be set at any desired point and will automatically blow off the excess steam so as to maintain the desired pressure for the necessary length of time. This is one of the features of the "National" which will not be found in any other style of pressure cooker. There is absolutely no danger connected with the operation of it, and a complete receipt book, together with instructions for operating, are furnished with each outfit.

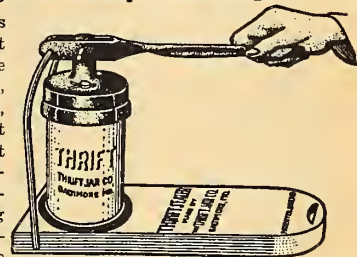
10 Quart Size (liquid capacity). Inside diameter, 9 ins. Height, 8 1/4 ins. Net Weight, 9 1/2 lbs. Shipping weight, 12 lbs. Price, \$25.00.

17 Quart Size (liquid capacity). Inside diameter, 11 1/2 ins. Height, 10 1/2 ins. Net weight, 18 lbs. Shipping weight, 25 lbs. Price, \$30.00.

"Thrift" Way

"Thrift" Seals Them Tight and Keeps Them Right

How many of the jars of vegetables and fruits that you "put up" last year spoiled? Canning experts state that for every dozen jars packed, processed and sealed the ordinary way, two are lost. But not the Thrift Way—because foods canned the Thrift Way can't spoil. They are mechanically and hermetically sealed before cooking; sealed just as the big packers seal their jars for market—with all the flavor and juices in the jar. The Thrift Way is easier and quicker, too. No uncertain tops or rubber rings to bother with; no hot jars to handle. It isn't the number of jars you "put up" its the jars that keep that count. That is why so many women who can foods for home or market are using the Thrift Way.



THE THRIFT SEALER

"Thrift" Way Jars Are Extra Strong

Thrift jars are made of the finest clear flint glass. They will stand unusual extremes of heat and cold; and constant use for many years. Made in two sizes, quart and pint and a quarter with wide mouths making them easy to fill and clean.

The "Thrift" Sealer

A filled jar (filled only to within one-half inch of the top) is placed in sealer, with patent cap on mouth of jar. Lowering handle of sealer presses head of sealer over cap and mechanically "crimps" cap on mouth of jar; sealing it airtight—hermetically. As an extra precaution lift handle, give jar a slight turn and again press down handle, giving the jar an extra sealing. No strength or skill is required to seal the Thrift Way; a child can do it perfectly.

1 1/4 Pint Thrift Jars and Caps \$1.15 per dozen.

1 Quart Thrift Jars and Caps \$1.40 per dozen.

Extra Thrift Caps per box of 6 doz., \$2.10.

Thrift Sealer \$2.50.

INDEX

For General Information, Ordering, Remitting, Shipping, Parcel Post Rates, etc., see Page 1. Directions for Cultivating Vegetables, see Heading of Each Item

ARDEN SEEDS

	Page
Asparagus	4, 30
Asparagus, Roots	30
Beans, Bush	5, 6, 30, 31
Beans, Bush Limas	7, 32
Beans, Pole	33
Beans, Pole Limas	7, 32
Beets, Garden	4, 34
Beets, Sugar	34
Brussels Sprouts	38
Cabbage	8, 35, 36, 37
Cabbage Plants	35
Cantaloupe	12, 47, 48
Carrots	9, 39
Cauliflower	9, 38
Celeriac	40
Celery	10, 40
Celery, Turnip Rooted	40
Chickory	42
Chinese Cabbage	37
Collards	38
Corn, Salad	39
Corn, Sweet	11, 41, 42
Cos Lettuce	46
Cress	42
Cucumber	10, 43
Eggplant	13, 44
Endive	42
Gumbo	48
Herbs	42
Horse Radish Roots	44
Kale	44
Kohl Rabi	45
Leek	13, 45
Lettuce	2, 14, 45, 46
Lima Beans	7, 32
Mangels	34
Melons, Musk	12, 47, 48
Melons, Water	15, 49
Musk Melon	12, 47, 48
Mustard	48
Okra	48
Onion	13, 50
Onion Sets	50
Onion Plants	35
Oyster Plant	56
Parsley	18, 48
Parsnip	53
Peas, Garden	16, 17, 51, 52
Peppers	17, 53
Pie Plant	56
Potatoes	54
Pumpkin	57
Radish	19, 55
Rhubarb	56
Romaine Lettuce	46
Ruta Baga	61
Salsify	56
Spinach	18, 56
Squash	34
Sugar Beet	34
Sweet Corn	11, 41, 42
Swiss Chard	34
Tomatoes	3, 20, 21, 58, 59, 60
Turnips	61
Vegetable Seed Collections	29
Water Cress	42
Water Melon	15, 49

FIELD SEEDS

Alfalfa	96
Barley	100
Beans, Soy	101
Broom Corn	103
Clovers	96, 97
Corn, Field	103
Cow Peas	101
Cultures	104
Fertilizers	65, 95
Field Peas	101
Field Pumpkin	57
Grass Seed	62-65
Hubam Clover	97
Lawn Fertilizer	65
Lawn Grass	62, 63
Millet	99
Oats	101
Pasture Mixtures	100
Rape	102
Rye	100
Sorghum	102
Soy Beans	101
Sunflower	100
Timothy	97
Turnip, Field	102
Vetch	102
Wheat	100

FLOWER SEED AND ROOTS

	Page
Abronia	67
Abutilon	67
Achillea	67
Aconitum	67
Acroclinium	67
Adonis	67
African Daisies	68, 74
Ageratum	67
Agrostemma	67
Alyssum	67
Amaranthus	67
Anchusa	67
Anemone	67
Antirrhinum	68
Aquilegia	68
Arabis	68
Arctotis	68
Asparagus (Ornamental)	68
Asters	68, 69, 70
Aubrietia	70
Baby's Breath	75
Bachelor's Button	71
Balloon Vine	70
Balsam	70
Balsam Apple	70
Bartonia	70
Begonia Seed	70
Bellflower	78
Bellis	70
Blanket Flower	74
Blue Lace Flower	74
Brachycome	70
Browallia	70
Caladium	89
Calendula	70
California Poppies	74
Calliopsis	70
Campanula	71
Canary Bird Flower	71
Candytuft	71
Canna Roots	87
Canna Seed	71
Canterbury Bells	71
Cardinal Climber	71
Cardinal Flower	76
Carnation	71
Castor Oil Bean	81
Celosia	71
Centaurea	71, 72
Chinese Lantern	78
Chinese Pinks	74
Chinese Woolflower	71
Chrysanthemum	72
Clarkia	72
Clematis	72
Cleome	72
Cobaea	72
Cockscomb	71
Coix	72
Coleus	73
Convolvulus	73
Columbine	68
Cone Flower	81
Coreopsis	73
Cornflower	71-72
Cosmos	73
Cyclamen	73
Cypress Vine	73
Dahlia Roots 90, 91, 92, 93, 94	73
Dahlia Seed	73
Daisy, English	70
Daisy, Gold African	74
Daisy, Shasta	72
Daisy, Swan River	70
Delphinium	73
Dianthus	74
Didiscus	74
Digitalis	74
Dimorphotheca	74
Dolichos	74
Dusty Miller	71
Echinops	74
English Daisy	70
Eschscholtzia	74
Euphorbia	74
Evening Primrose	78
Everlasting Flowers 70, 75, 81, 84	77
Feverfew	77
Flax	76
Flowering Maple	67
Forget-Me-Not	77
Four-O'clock	77
Foxglove	74
Gaillardia	74
Geranium	75
Geum	74
Gladioli Bulbs	88, 89
Globe Amaranth	75

	Page
Globe Thistle	74
Godetia	75
Golden African Daisy	74
Golden Wave	70
Gomphrena	75
Gourds	75
Gypsophila	75
Hardy Phlox	80
Helenium	75
Helianthus	75
Helichrysum	75
Heliotrope	75
Hesperis	83
Heuchera	75
Hibiscus	76
Hollyhocks	75
Hunnemannia	76
Hyacinth Bean	74
Iberis	71
Iceland Poppy	80
Ice Plant	77
Ipomoea	76
Japanese Pinks	74
Job's Tears	72
Joseph's Coat	67
Kenilworth Ivy	76
Kochia	76
Kudzu Vine	76
Lace Flower	74
Lantana	76
Larkspur	76
Lathyrus	76
Lavatera	76
Linaria	76
Linum	76
Lobelia	76
Love-in-a-Mist	78
Lupines	77
Lychnis	77
Marigold	77
Marvel-of-Peru	77
Matricaria	77
Matthiola	77
Mesembryanthemum	77
Mignonette	77
Mirabilis	77
Momordica	70
Moonflower	76
Morning Glories	76
Mourning Bride	81
Myosotis	77
Myrsiphyllum	83
Nasturtium	78
Nemophila	78
Nicotiana	78
Nigella	78
Oenothera	78
Oriental Poppy	80
Oxalis Seed	78
Pansies	79
Passion Flower	79
Pentstemon	79
Per. Baby's Breath	75
Perennial Candytuft	71
Perennial Flax	76
Petunja	85
Periwinkle	85
Petunia	80
Phlox Annual	80
Physalis	80
Physostegia	78
Pinks	74
Platycodon	78
Poppies, Annual	80
Poppies, California	74
Poppy, Iceland	80
Poppies, Oriental	80
Portulaca	80
Primula	81
Pyrethrum	81
Queen Anne's Lace Flower	74
Rhodanthe	81
Ricinus	81
Rocket, Sweet	83
Rose of Heaven	67
Rudbeckia	81
Salpiglossis	81
Salvia	81
Sand Verbena	67
Scabiosa	81
Scarlet Runner	83
Scarlet Sage	81
Schizanthus	83
Shasta Daisy	72
Smilax	83
Snapdragon	68
Spider Plant	72
Statice	83
Stocks	83
Stokesia	83

	Page
Sunflower	75
Swan River Daisy	70
Sweet Alyssum	67
Sweet Peas	82
Sweet Rocket	82
Sweet Sultan	72
Sweet William	83
Thunbergia	83
Tritoma	83
Tuberose	94
Verbena	83
Vinca	85
Viola	84
Wallflower	84
Wild Cucumber	84
Wild Flower Garden Mixture	84
Woolflower	71
Xeranthemum	84
Zinnias	84, 85

CHICKENS AND POULTRY SUPPLIES

Baby Chicks	105
Brooders	106
Chick Feeders	109
Feeds	110
Fountains	108, 109
Incubators	107
Mash Feeders	108, 109
Nests	108

TOOLS AND ACCESSORIES FOR FARM, GARDEN, ORCHARD AND LAWN

Asparagus Bunchers	115
Asparagus Knives	115
Bird Houses	126
Books, Farm & Garden	126
Bush Hooks	114
Canners, Cookers & Scales	127
Cider Mills	125
Corn Poppers	125
Dibbles	115
Duster	121
Edgers	114
Fence, Ornamental, Lawn	124
Gates	124
Fence, National Close Mesh	124
Hog and Cattle	124
Fence, National Poultry and Garden	124, 125
Floral Set	115
Flower Boxes, Pots, Saucers and Tubs	111
Flower Guard	112
Forks, Manure	115
Forks, Spading	115
Fountains	114
Fruit Picker	125
Garden Tools, Iron Age and Planet Jr.	116, 117
Garden Tools, Pull Easy	115
Hardware Cloth	125
Hedge Trimmers	114
Hoes	114
Hose and Hose Sundries	113
Hose Reels	114
Hot Bed Sash & Sundries	112
Insecticides	121-123
Labels, Pot & Tree	112
Lawn Mowers	113
Lawn Mowers Compound	113
Lawn Rollers	113
Mattocks	114
Potato Hooks	115
Rakes, Lawn & Garden	115
Rat Traps & Exterminators	125
Scythes & Snaths	114
Scythe Stones	114
Seeders	121
Shears	112
Shovels	114
Sickles	114
Spades	114
Sprayers	119, 120, 121
Sprinklers	113, 114
Stakes, Plant	112
Traps, Mole	115
Trellis Wire	112
Trowels	112
Watering Pots	111
Weeders	115
Wheel Barrows	114
Wire, Hog & Cattle	124
Wire, Poultry	124, 125
Wrench, Jar	127

BOLGIANO'S

1925

VEGETABLE SEED COLLECTION



*Bolgianos
Early Bird
Peas*



*Tip Top
White Tip
Radish*



*Stringless
Beans*




*Barderts
Wonder
Bantam
Corn*



*Bolgianos
Early Spring
Beet*



*Triumph
Spinach*



8 LARGE 10¢
PKTS. OF THE
CHOICEST VEG-
ETABLE SEED
FOR 50¢ POSTPAID

*Each fully described
in catalog*



*Big Boston
Lettuce*

BOLGIANO'S of BALTIMORE

Seed Annual for 1925



Dahlia
Flowered
Zinnia