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BOLGIANO'S

CAPITOL CITY
SEEDS

1923

SEEDS THAT
SUCCEED



BOLGIANO'S
CAPITOL TOMATO

*Famous producer of
beautifully smooth and
shapely fruit.*

VERY EARLY

*Pkt. 25c., 1/2 Oz.
\$1.00, Oz. \$1.75, 1/4
Lb. \$6.00, Lb. \$20.00*

"BOLGIANO'S SELECTED
EARLY FORTUNE CUCUMBER."

Early, Crisp and Tender

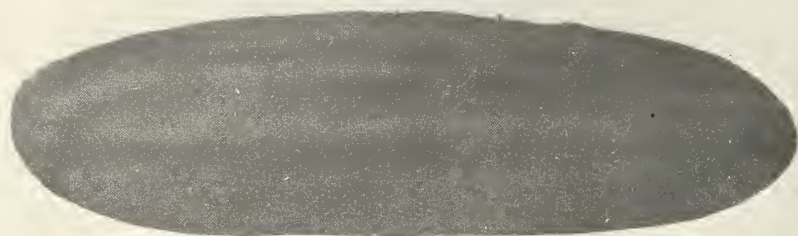
Packet 10c., Oz. 15c., 1/4 Lb. 30c., 1 Lb. \$1.00

F.W. BOLGIANO & Co.

1009 B. STREET, N.W., WASHINGTON, D. C.

Bolgiano's "SELECTED" 1923 COLLECTION

6 LARGE 10¢ PACKAGES FOR 50¢ POSTPAID



*BOLGIANO'S SELECTED "EARLY FORTUNE" CUCUMBER
PKT 10¢ - OZ 15¢ - 1/4 Lb 30¢ - Lb \$1.00*



*"JOHN BAER" TOMATO
BOLGIANO'S PERFECT TYPE
PKT 10¢ - OZ. 50¢ - 1/4 Lb \$1.65
Lb. \$6.00*



*BOLGIANO'S NEW STRINGLESS
WAX BEAN. PT. 30¢ - QT. 50¢
PK \$2.50 - BU. \$9.00*



*BOLGIANO'S "MASTERPIECE" LETTUCE
PKT. 10¢ - OZ. 45¢ - 1/4 Lb. \$1.35 - Lb \$5.00*



*BOLGIANO'S NEW EARLY CABBAGE
PKT. 10¢ - OZ. 25¢ - 1/4 lb. 75¢ - Lb \$2.50*



*BOLGIANO'S SUPERB
BEET. PKT. 10¢ - OZ. 15¢
1/4 Lb. 30¢ - Lb. \$1.00*

SEEDSMEN FOR MORE THAN A CENTURY

1818-1923

Dear Folks:—

It seems a far cry from the day when Samuel Ault first opened up his shop in 1818 to that day when my son stepped into the store to take his place as representing the fifth generation of Bolgianos to carry on the seed business. I had spent a good many thoughtful moments talking things over with the boy's mother about his future, and I had spent a good many more talking to the boy himself. I wasn't very much in sympathy with the old method of putting him to work as soon as he was old enough to have an earning power. True that was the way I started out, but I wanted to give my boy a chance to choose for himself.

At least, that's the way I put it to myself, but you know I did weaken just a little bit. I just couldn't help telling him stories that my father had told me how Samuel Ault had started out in the old days, the work accomplished by John Bolgiano, the dreams he himself had had, and how back in the eighties I had left home, and after trying several trades ended up as a seedsman. Well, folks, it got him. There does not seem to be anything quite so strong as the inborn desire to keep going that work to which Dad has given his life. He's a true seedsman now, and I guess he always will be.

There are a good many misunderstandings about this seed business. I have talked quite a bit to those who want to know why it takes so long to learn it, and why it means so much to have a strong background of knowledge. Even that of generations to be desired. You know, I really believe some people think that all that's necessary is to buy a farm and at the end of a season produce a fine crop of seeds for next year's business. They don't seem to realize there is no one place on earth where all vegetables and flowers can be grown successfully. But it's true. To get the best of seed, the seed inbred with the highest of quality, we have to scour all ends of the Earth. Our sources of supply extend clear from China and Australia across the western continents and two oceans to Czecho Slovakia. Wherever the best is grown, there we go to obtain it. Even then we have to test it many times to be sure our friends get the best and what they want.

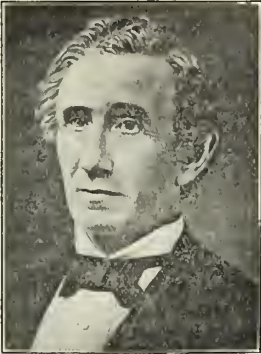
The process of growing seeds must be started one or two years before they are offered for sale, and in this respect differ from a manufactured article, which may be replaced when the supply is exhausted by simply making more; but when the stock of certain seeds becomes exhausted, they cannot be replaced until after a new harvest. It is to your interest to send us your order early, so that you may take advantage of full stocks.

Cordially yours,

FRANK W. BOLGIANO,

or Mister B.

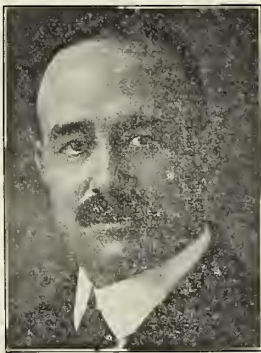
P. S.—Don't forget, the only members of the Bolgiano family in the seed business are now located in Washington.



JOHN BOLGIANO



JOSEPH BOLGIANO



FRANK W. BOLGIANO
President



CHAS. W. BOLGIANO
Vice-President

HOW TO ORDER

FREE DELIVERY. Packets, Ounces, Quarter-Pounds, or pounds, ordered at list prices, will be sent FREE by mail or express. This DOES NOT APPLY to Beans, Corn, Peas, Field and Grass Seeds and Seed Potatoes, which will be sent at regular Parcel Post or Express Rates. Orders for greater than one-pound lots will also be delivered at regular parcel post or express rates.

OUR TERMS are always cash with order, or satisfactory New York, Philadelphia, or Washington reference.

MONEY can be sent at our risk by Post-Office or Express Money Order, New York or Chicago Draft, or by registered letter. We cannot hold ourselves responsible for cash sent loose in letters.

AN ORDER BLANK for your convenience in placing your order will be found on the last page of this catalog.

NAME AND ADDRESS should be written plainly both on the Order Blank and on the envelope enclosing the order. Names of seeds and plants should be written out in full in plain writing.

EXPRESS or FREIGHT shipments should have the name of the station plainly given where different from the post-office.

GIVE FULL DIRECTIONS always whether shipment is made by freight, express or Parcel Post.

ORDER EARLY, for although we aim to fill all orders within twenty-four hours after receipt, unavoidable circumstances sometimes cause delay.

WE GUARANTEE our seeds, plants, etc., to reach our customer in good condition. We give no warranty, expressed or implied, as to description, purity of productiveness, or any other matter of any seeds, plants or bulbs we send out, and will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms, they are to be returned to once, and the money that has been paid for same will be refunded. There are many reasons why seeds do not always turn out as desired such as sowing too deep or too shallow, in too wet weather, cold weather or too dry soil, or too wet soil, insects which do not only destroy the seeds, but often the young plants, about the time they appear at the surface of the ground. For these causes we cannot guarantee seeds or the crop.

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 ounces or less, shall be 1c for each 2 ounces or fraction thereof, regardless of distance, and on those weighing more than 8 ounces the pound rates shown in table shall apply.

WEIGHTS BY PARCEL POST

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

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

United States Parcel Post Rates—Fourth-Class Matter Seeds, Plants, Bulbs, Roots, Garden, Lawn and Poultry Supplies

RATE TABLE

	First Lb. or Fraction	Each addi- tional lb. or Fraction
Local Rate Washington and Suburbs only.....	5c	½c
First Zone within 50 miles of Washington, D. C.....	5c	1c
Second Zone within 150 miles of Washington, D. C.....	5c	1c
Third Zone within 300 miles of Washington, D. C.....	6c	2c
Fourth Zone within 600 miles of Washington, D. C.....	7c	4c
Fifth Zone within 1,000 miles of Washington, D. C.....	8c	6c
Sixth Zone within 1,400 miles of Washington, D. C.....	9c	8c
Seventh Zone within 1,800 miles of Washington, D. C.....	11c	10c
Eighth Zone all over 1,800 miles from Washington, D. C.....	12c	12c

INDEX

Page	Page	Page	Page
VEGETABLES	Collards 17	Mushroom Spawn .. 27	Spinach 36
<i>Special Collections</i> ... 42	Corn 19-20	Muskmelon 26	Squash 37
<i>Specialties</i> 3-6	Corn Salad 15	Mustard 28	Swiss Chard 11
Asparagus 7	Cress 17	Onion 28	Tobacco 36
Beans 7-11	Cucumber 21	Okra 29	Tomato 38-40
Beets 12	Egg Plant..... 22	Parsley 29	Turnip 41
Bird Seeds 11	Endive 20	Parsnip 29	Watermelon 27
Brussels Sprouts .. 11	Herbs 41	Peas 30-31	FIELD SEEDS .. 43-44
Cabbage 13-14	Kale 22	Pepper 32	FLOWERS 45-55
Cabbage Plants... 15	Kohl Rabi 22	Pumpkin 32	<i>Collections</i> 51
Carrots 16	Leek 25	Potatoes 33	Asters 45
Cauliflower 17	Lettuce 23-25	Radish 34-35	Canna Roots..... 55
Celery 18	Mangel-Wurzel ... 11	Rhubarb 35	Gladiolus Bulbs... 53
Chicory 15		Salsify 36	
			Nasturtiums 48
			Dahlias 54-55
			Summer Bulbs.... 53
			Sweet Peas..... 52-53
			Vines 51
			Zinnias 50
			ROSES, TREES, and
			SHRUBS 56-57
			FERTILIZERS ... 77
			INSECTICIDES .78-79
			IMPLEMENTES .66-76
			POULTRY
			SUPPLIES .. 58-65

NOVELTIES AND SPECIALTIES

=====
 An
 Enormous
 Crop
 Producer
 =====



=====
 Every
 Fruit
 A
 Perfect
 One
 =====

Bolgiano's Capitol Tomato

In naming the New Tomato we could find no name that would better suggest its leadership.

Has now been tried out by tomato growers in every State in the Union, and many of the foreign countries. The reports we have received have been full of praise and appreciation of its wonderful good qualities. The color is a brilliant red fruit, firm, solid and meaty. Perfectly smooth. Ripens right up to the stem end. Almost as early as the Earliana. Free from core. Flavor mild. Produces heavy crops of fine fruit, when some of the other varieties are complete failures.

We urge you to mail us your order immediately. You will be delighted with your crop and receive big profits.

Pkt. 25 cts.; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$6.00; lb. \$20.00.

168. Bolgiano's Red Cross Tomato.

This Blight resisting Tomato proved to be the best resister from diseases that has been introduced for many years. We worked incessantly to develop and perfect this much-needed variety, and today thousands of tomato growers, market gardeners and home gardeners are unanimous in pronouncing the "Red Cross" a perfect, healthy, vigorous grower all during the season. Vines are just loaded with beautiful deep red solid tomatoes. Perfectly smooth, very small core, flavor mild and refreshing. No watery seed cavities, just a solid mass of meaty flesh. The strong vitality of the plant makes it a heavy yielder from early midsummer until late frost. Your harvest will be sure when planting the Red Cross tomato. Order immediately the seed you will need. Pkt. 10 cts.; oz. 75 cts.; ¼ lb. \$2.25; lb. \$7.50.

212. John Baer Tomato.

The best early tomato on earth when planted in good rich soil. We have been reselecting our seed from the originator's stock; its earliness and perfectness has been improved and the size is much larger. This perfect solid, meaty, brilliant red tomato has no cripples. No scar on blossom end. No cracks on the high crown stem end. Just one solid perfect fruit. John Baer tomato has a mild sweet flavor, the finest you have ever tasted. Our supply of seed this year is small. Let us have your order early. Pkt. 10 cts.; oz. 50 cts.; ¼ lb. \$1.65; lb. \$6.00.

Bolgiano Tomato.

We accept no credit in the creating of this glorious Tomato. Nature with her wonderful activities has produced this wonder of the tomato family. Blossoms continually; every vine is just loaded with perfect red solid tomatoes all during the season. The Bolgiano Tomato is two weeks earlier than Earliana. First fruit just as perfect as the prime fruit of the season. The heavy potato leaf foliage protects the fruit from sun scalds and blisters. The large stem set clusters make it a profitable tomato for the grower. Never have we received such acknowledgments from any of our own creations as we have the "Bolgiano" tomato. Indeed it meets every requirement to make it the best market shipping and canning tomato that has been grown. You must order quick if you want some of this seed. Pkt. 15 cts.; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.

Bolgiano's Glory Tomato.

Stands all weather and climate conditions better than most varieties, and has made many friends with the tomato growers, who speak in the following terms: "No tomato equal to it," "has great values for both market and canning," "outgrows and outsells any tomato on the market," "by far the best ever grown," "did best of all," "prefer it to all others," "lives and bears abundantly when other varieties die," "vines keep vigorous and bear beautiful solid red tomatoes until frost." We cannot say more for the Glory. The growers have given you its true value. Place your order at once for the seed you will need. Pkt. 10 and 25 cts.; oz. 75 cts.; ¼ lb. \$2.75; lb. \$10.00.

72. Bolgiano's Greater Baltimore Tomato.

Stands pre-eminent as an all-purpose tomato. It has gained fame throughout the entire breadth of the nation as the coming tomato, one upon which dependence can be placed at all times and under most adverse conditions to produce a crop of large, smooth and solid fruit in greater numbers than any other variety. For the home grower and trucker it remains the old standby that turns up every season with the money-making crop. Too much cannot be said of our strain of this splendid tomato, as we have selected a pure line from the originator's stock, grown for us alone, and we know that what we offer stands far above the bulk of seed offered on the market. Pkt. 5 and 10 cts.; oz. 30 cts.; ¼ lb. \$1.00; lb. \$3.50.

NOVELTIES AND SPECIALTIES—Continued



Bolgiano's Extra Early "Harvester" Sugar Corn.

Bolgiano's Extra Early "Harvester" Sugar Corn.

This is the earliest white Sugar Corn that has ever been placed on the market. For many years the home gardeners have been anxious for a White Corn that would be as early and as sweet as the "Golden Bantam." Bolgiano's Extra Early "Harvester" Sugar Corn has been thoroughly tested and tried side by side with all other extra early varieties. It is several days earlier than the "Golden Bantam." Sweet flavor; ears larger and pure white in color. Can be grown in most any section of the United States; rapid grower, enormous yielder. It is a wonderful corn to grow for early home use. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bushel, \$8.00.

Bolgiano's Extra Early Ideal Sweet Corn.

We have never put out any corn that has given more satisfaction to the market gardener than the "Ideal"; it meets his every demand. Extra early, large ears, 8 to 10 inches long; has a mild sweet flavor; very tender; vigorous grower, producing a wonderful crop of corn for the early market. Can be planted as early as the Extra Early Adams. Thousands of truckers and market gardeners are now using the "Ideal" for their early planting. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; peck, \$1.75; bushel, \$6.00.

94. Bolgiano's French Golden Self-Blanching Celery.

We have positively refused to sell any self-blanching celery except our French grown stock, which we know is superior in quality and the most economical to grow. It is a vigorous dwarf grower, compact and self-blanching to a very remarkable degree. Even the ribs become a handsome, fresh, clear yellow color, with a heart that is large and solid and of a beautiful rich golden yellow. Its crispness and tenderness and its rich nutty flavor makes it the leading variety in the market. We want you to see with your own eyes, in your own fields, that Bolgiano's French Golden Self-Blanching Celery is the best. Place your order at once. Pkt. 10 cts.; oz. 70 cts.; $\frac{1}{4}$ lb. \$2.25; lb. \$8.00.

Martha Washington Asparagus.

In this new strain of Asparagus we have rust-resistance developed to the highest degree known today. Martha Washington Asparagus is not the result of an accidental cross, or discovery, but the fine product of increasing efforts directed by the Bureau of Plant Industry of the United States Department of Agriculture. The net results of these efforts have produced a pure strain of rust-resistant, quick-growing, large size asparagus, all of which qualities unite to make it an exceptionally productive variety combined with the utmost to be desired in fine quality and tenderness. We are indeed happy to offer this splendid new variety. Pkt. 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.35; lb. \$5.00.

131. Bolgiano's Early Fortune Cucumber.

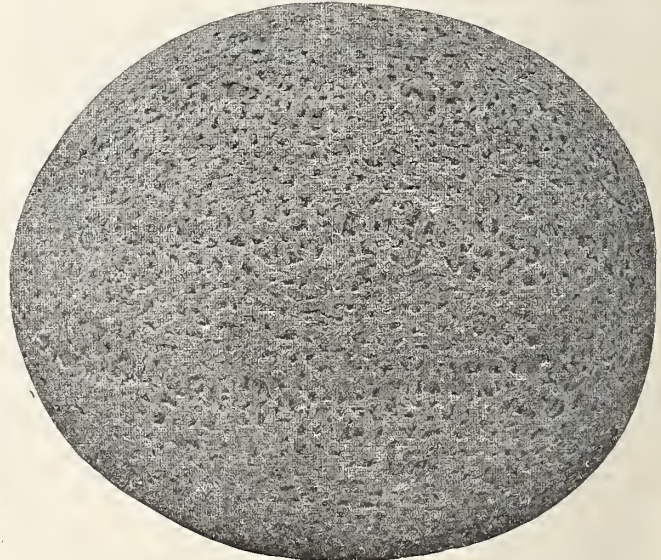
Is truly a Bolgiano introduction that has been tried and tested for more than ten years; each year it has proven to be the best early white spine cucumber the market gardeners and truckers could grow. The dark green color remains fresh looking for days after being harvested; flavor delicate and refreshing, entirely free from any bitterness; flesh fine grained and compact, crisp and brittle, an ideal slicing cucumber. As a shipper Early Fortune cannot be surpassed. Our stock is from the best selection. Let us supply you. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

Bolgiano's Lucky Strike Corn.

Absolutely a Bolgiano introduction, giving one of our finest additions to our already complete and splendid line of vegetables. We have no hesitancy in recommending Lucky Strike to all our friends, whether you grow for profit or pleasure. It matures in about the same season as Stowell's Evergreen, producing splendid well-formed ears one-fourth to one-third longer, and covered with beautiful dark green shucks, giving the corn a splendid appearance on the market. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; gallon, 90 cts.; peck, \$1.60; bushel, \$5.50.

41. Sweet Air Cantaloupe.

This wonderful melon is the biggest money maker that was ever introduced. It is medium in size, thick green flesh with small seed cavities, delicious sweet flavor, perfectly tender; it fairly melts in your mouth. Just the kind market buyers and shippers will pay the highest prices for. Vigorous grower, vines keep green and produce big crops of beautiful netted melons. No culls. It will please the most critical grower. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.



Bolgiano's Unsurpassed Cantaloupe.

Bolgiano's Unsurpassed Cantaloupe.

This melon was originated in Colorado, the home of Cantaloupe growing, and has never been surpassed in quality by any other variety. The largest growers throughout the country have selected this melon for their main crop. It is a great money maker. As a shipper it is a wonder, stands long distance hauls, and is in perfect condition when shipped from California to New York. Packs 45 to the crate perfectly. "Solid netted, of a whitish gray color." The meat is a beautiful golden. Very thick flesh with extremely small seed cavities. Tender, a sweet pleasing flavor, one never to be forgotten. Vigorous grower, one of the best blight-resisters, producing large crops of even size melons, absolutely no culls. Be sure and give it a trial. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

NOVELTIES AND SPECIALTIES—Continued



Bolgiano's New Victory Pea.

peas, tender, and the fine delicious flavor makes it a favorite with all growers. We unhesitatingly recommend "Victory." You should place your order at once. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.55; bushel, \$12.50.

Bolgiano's New Victory Pea.

Market gardeners all over the country have been very anxious to obtain a large podded pea that would hold its deep green color several days after picking. Bolgiano's "Victory" Pea has all the good qualities that will meet every demand of the most critical grower and consumer. The healthy vines grow 48 inches high, producing enormous crops of beautiful large dark green pods, 5 to 6 ins. long, filled with large green

Bolgiano's Earliest Springtime. Is the earliest of all the round seed varieties. Can be planted the same time as Extra Early Alaska. The pods are 4 to 5 inches long. Peas nearly as large as the Gradus. It is truly a leader in earliness, in flavor, in size of pods, in productiveness of large pods filled full of large and most delicious peas. Its vigor and regularity in growth. Its qualities make it the superior pea for the market gardener, and the pleasure the home gardener anticipates in supplying his table with the first picking of the most delicious peas is quickly realized after planting the "Springtime." Order early to be certain of securing your supply. Pkt. 10c; pt. 30c; qt. 50c; pk. \$3.50; bu. \$12.

Bolgiano's "Early Bird" Pea. This wonderful new variety can be planted as soon as the ground can be worked. They do not rot in the ground like fully wrinkled peas. The dwarf vigorous vines measure 18 inches and carry enormous crops of large beautiful deep green pods, 4 to 5 inches long, and are filled with 9 to 10 large blue marrow peas of fine flavor. Bolgiano's "Early Bird" Pea is a profitable variety for the market gardener. For the home gardener it is unsurpassed. Supply of seed is limited. Send your orders early. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.50; bushel, \$12.50.

Bolgiano's Stringless Green Pod Bean. This superior bean has been carefully selected and grown to satisfy the most critical grower. The long round fleshy pods, 5 to 6 inches long, are brittle and tender. Delicious flavor, absolutely stringless. Produces big crops of perfect green pod beans. It is indeed a great pleasure to offer you this wonderful bean. We know it will please you. Let us have your order early. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; pk. \$2.50; bus. \$9.

C57. Bolgiano's Extra Early Superb Beet. A splendid new variety for market gardeners. The flesh is a rich dark blood red. Small tap root, perfectly smooth, crisp, tender and deliciously sweet. We can certainly recommend it with pleasure as being the most uniform in both color and shape, and it remains nice and tender to the last beet. If you wish to plant a good Beet, try it. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

117. Bolgiano's New Early Cabbage. Has gained its present pre-eminence among vegetables through merit alone. We would not wish you to think it the earliest cabbage offered, for in season it follows the Wakefields. It is in production and quality, however, that we find it excelling other market varieties. The immense hearts develop with remarkable rapidity and are noticeable for the very small growth of outer spreading leaves, making it possible to grow more New Earlys to the acre than other more spreading sorts. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

A103. Bolgiano's Deep Blood Beauty Beet. To those of our customers who are not interested in producing the very first beet in the spring we suggest Bolgiano's Deep Blood Beauty Beet, with its smooth globular roots of blood red color, fine texture, tender, crisp and altogether delightful in both appearance and flavor. Crops grown of this beet are well known for their heavy yield of uniform marketable roots. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

Bolgiano's Best Yet Wax Beans.

Absolutely stringless. An instant success with all who have grown it. Altho one of the newest members of the bean tribe, Bolgiano's Best Yet has already attained a high place among the wax-podded sorts. The rich lemon yellow flat pods grow in large numbers on the erect and bushy plant. No garden will be complete without them. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.65; bushel, \$9.50.



Bolgiano's Best Yet Wax Beans.

Bolgiano's Prosperity Cucumber. Worthy of the FIRST PLACE AMONG trucking vegetables. The beautiful black green color extends completely over this excellent cuke, robbing even the under side of the usual paleness that exists there. A marvelous shipper. Slightly longer than Early Fortune, and will therefore fill the basket quicker. Since our supply is limited you should get in your order early. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50.

197. Bottomley Cantaloupe. Altho not a new variety this is one that has only lately gained popularity. In certain isolated sections the sterling qualities of this melon have been recognized for years. It is perhaps more closely related to Sweet Air than any other melon and was developed in the same section from which Sweet Air came. It is slightly smaller than this well known melon. In shape it is oblong, ribbed and heavily netted. The flesh is green, very solid and thick, having a delicious flavor that is equalled by only few melons that ever come to the table. When sold on the Washington Market last spring, it never failed to bring the highest prices offered. Pkt. 5 and 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00. Postpaid.

FOR ECONOMY'S SAKE
Order Our Special Collections
They are on page 42.

NOVELTIES AND SPECIALTIES—Continued



Bolgiano's Masterpiece Lettuce.

A225. Bolgiano's "Masterpiece" Lettuce.

Market gardeners and lettuce growers all over the country are now growing the "Masterpiece" for their late spring, summer and early fall crops. No matter how hot or how long it remains in the garden it will keep crisp, tender and sweet. No bitterness. It will not go to seed quickly. Sure header, can be grown in open ground after danger of frost is over, all during the summer and early fall. Never spots or turns dark in any part. Will stand shipping to any part of the United States and remain as crisp as ice. You will find it a profitable variety to grow. Send your order to us immediately. Pkt. 5 and 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.35; lb. \$5.00.

58. Big Boston Lettuce, Bolgiano's Selected Stock.

This special and improved stock is superior in quality to any strain of the Big Boston. Many of the large lettuce growers, market gardeners and truckers are now placing their orders with us to cover their full requirements for 1923. It can be grown in the open ground for summer or fall, in frame for spring, or forced cool in green house for winter use, producing under each condition large buttery yellow heads filled with sweet, crisp, tender, beautiful, blanched leaves. Our stock of this famous lettuce is the finest in the world. Send us your order at once. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

A181. General Pershing Watermelon.

Is the leader in quality of all melons; produces wonderful crops of large, perfect, even size melons. The sparkling red flesh is as sweet as honey, just the pleasing flavor; it fairly melts in your mouth. It is entirely free from hard center and stringiness, yet the flesh is firm and compact; rind thin but tough; will stand long distance shipping better than any melon grown. The color of rind is a light pea green; ripens earlier than the Tom Watson for a home melon. You cannot find anything better; for a shipping melon it surpasses all others. We offer you the best quality seed that can be produced. Place your order early. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.00.

231. Bolgiano's "Excell" Watermelons.

Without a single exception the "Excell" has positively proven in the last two or three years to be the best green rind melon that can be grown. The watermelon growers in the South claim they can grow more "Excell" for shipping to the acre than any other green melon. It possesses every quality that is desired by the grower and the consumer. Vigorous grower, vines keep green; deep red flesh, crisp, tender and sweet; splendid shipper. Indeed it is a profitable melon to grow. Our re-selecting has made it a great one. We want to supply you. Order immediately. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

Bolgiano's "Emerald Isle" Pole Lima Bean.

Is the greatest Pole Lima Bean nature has ever supplied. When we first saw it we knew it was a wonder and re-selected our stock until we have today the largest podded, largest seeded, heaviest yielder, and most perfect Pole Lima that is grown. The mammoth pods measure 7 to 8 $\frac{1}{4}$ inches long, and 1 $\frac{1}{2}$ to 2 inches in width. The vigorous growth of the vines will train rapidly over an arbor, and it is worth seeing the massive pods hanging in great clusters. You will really enjoy growing the "Emerald Isle"; it is early, fine flavor, and bears abundantly until killing frost. We want to supply you with our stock. Order at once. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.00.

Bolgiano's "Enormous" Early Bush Lima Bean.

This wonderful improved bush lima has attracted the attention of the market gardener and home gardener. It is the earliest large bush lima ever introduced; yields continually from early June until killing frost. The plant grows upright about 30 inches high, producing great clusters of pods measuring 4 to 5 inches long, filled full of large thick beans; delicious flavor, thin skin and tender. This is a very profitable bean to grow. We can supply all early orders. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.85; bus. \$14.50.

Bolgiano's Evergreen Pole Lima Bean. (Illustration on page 11.)

For several years we have worked faithfully on a green seeded pole lima bean, and we offer you this year the "Evergreen" as the most perfect green bean that we have ever seen. The quality is unsurpassed, fine flavor; tender thin skin, and cooks quickly. Bears continually until frost. The yield is enormous, of large pods hanging in clusters, filled full of the most delicious beans. Really your home garden will not be complete without the "Evergreen," and it will surely be a profitable bean for the market gardener. We have a limited supply. Place your order at once. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.75; bushel, \$14.00.

82. Farr's Benning White Bush Squash.

The earliest white bush squash on the market. The color is a beautiful green tinted white, possessed by no other variety. Always the first to sell for fancy prices on the market. Tender and an excellent cooker. No fiber or hard substance. Enormously productive; fine flavor; growth is bushy with no runners. It is with satisfaction that we can continue to offer you this unrivalled squash. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.



Emerald Isle Lima Beans.

Bolgiano's Tested Vegetable Seeds

Seeds from the Best Market Gardener's Stocks and of Strong Germination

ASPARAGUS

One ounce to 50 feet of drill;
About 4 pounds to the acre.

CULTURE. Sow the seed thinly in rows 1 foot apart in April or May (4 or 5 pounds to the acre) and keep down all weeds. To secure strong, healthy plants, thin the seedlings to 3 or 4 inches in the rows, saving only the strongest. The one-year-old plants should be set out in spring in rich, sandy loam, dug 18 inches deep, into which has been worked a plenty of well-rotted manure. If a stiff clay soil is all that can be had, add a plenty of sand and sifted coal ashes to loosen it up, and also see that it is well underdrained. In planting for private use, set out in beds 5 feet wide 3 rows in a bed, the outer being each 1 foot from the edge, and allow 18 inches between rows. Set the plants from 4 to 6 inches below the surface. If set out in autumn, top-dress with 6 ins. of manure. For the market, on a large scale, set out 4 by 1½ feet. Every fall apply a good dressing of coarse manure, after the tops have been cut, and in spring fork in. Never cut too closely. The roots need the benefit of some foliage during the year, else they will weaken and die. Slugs are easily destroyed by applying air-slacked lime or Paris green.

248. Martha Washington. By far the finest development that has ever been introduced in Asparagus. It has already gained prominence as the most rust-resistant of all varieties, and combined with this most desirable feature we find it to be of most uniform type, extremely vigorous and high yielding of giant Asparagus. Pkt. 5 and 10 cts.; oz. 45 cts.; ¼ lb. \$1.35; lb. \$5.00.

149. Palmetto. It is very early, large yielder, and very regular and even in growth; average bunches contain 15 shoots. Its quality is unequalled. Pkt. 5 and 10 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

178. Argenteuil, or Conover's Colossal. Standard variety, large and very prolific. Pkt. 5 and 10 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

204. Columbian Mammoth White. Produces large white shoots without any blanching. Pkt. 5 and 10 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

Asparagus Roots

Plant either in spring or fall. By mail, 20 cts. per 100 extra.

	Per 12	100	1,000
Colossal. 2-year-old roots	\$.40	\$1.50	\$10.00
Palmetto. 2-year-old roots	.40	1.50	10.00
Columbian Mammoth White.	.40	1.50	10.00

ARTICHOKE

One ounce will produce about 500 plants.

CULTURE. Sow seeds in January in the greenhouse or in hotbeds in March. Transplant when large enough in rows 3 feet apart, 2 feet apart in the row. Cultivate when growing, freely, and protect the plants in winter by taking them in a cellar or in a cold frame, or they may be left outdoors protected by straw in a climate that is not too severe. Artichokes properly cared for last for several years.

26. Green Globe. Pkt. 5 and 10 cts.; oz. 75 cts.



Martha Washington Asparagus.

BEANS

One quart will plant 100 feet of drill;
1 to 2 bushels to the acre.

CULTURE. About the first of May, if the ground is perfectly warm, select a warm, dry, sheltered spot; dig and manure slightly; make drills 2 inches deep and 18 inches to 2 feet apart; drop the beans 3 inches apart in the drills and cover not more than 2 inches deep. Hoe well in dry weather to keep down the weeds. Sow every two weeks for a succession. For mailing, see Parcel Post Rates, opposite page 2.

One quart weighs about two pounds.

Green Pod Bush

Bolgiano's Stringless Green Pod.

(SPECIALTY, see page 5.) A very superior strain, absolutely stringless heavy cropper. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; pk. \$2.50; bus. \$9.00.

Bolgiano's "Mighty Nice." This wonderful new bean is an improved stock of the Thoroughbred Hopkins Earliest Red Valentine. We have made test side by side, and the "Mighty Nice" is by far the best bean. Pods round and meaty, delicious flavor, very tender, vigorous grower, producing big crops of salable beans. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; 4 qts. \$1.40; peck \$2.50; bus. \$9.00.

Bolgiano's May Queen. When this new bean was first introduced it was evident it would soon become an indispensable variety; long straight finely shaped tender dark green pods makes it a wonderful shipper, which stands long distance; enormous yielder for both spring and fall planting. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bus. \$9.00.

Bolgiano's Earliest Red Valentine.

(Improved Round Podded Strain.) Our stock of this very superior bean has been carefully built up to satisfy a most critical market gardener's trade, which trade we cater to. It is ready for picking in 35 days from planting—earlier than the ordinary Red Valentine Beans. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bus. (60 lbs.), \$8.50.

Burpee's Stringless Green Pod. There is no other variety so absolutely stringless and of uniformly good quality. Very early and prolific, pods are light green in color, round and of medium length. Has a long bearing season, making it very desirable for the small garden. Seed dark brown. Pkt. 10c; pt. 25c; qt. 40c; peck, \$2.50; bus. \$9.00.

Black Valentine. An extremely early, vigorous growing green podded variety, earlier than Red Valentine, very long and slender round pods of exceptional quality. As a variety for very early planting it stands cold and damp soil better than any other sort, absolutely rust proof, seed black. Pkt. 10c; pt. 25c; qt. 45 cts.; peck, \$2.65; bus. \$9.50.

Bolgiano's "Emerald Beauty." Is a flat green podded bush bean. Prolific and continuous bearer from early spring until late fall, it is absolutely stringless; very tender delicious flavor. The rich green pods very uniform in shape, make the Emerald Beauty a fine market bean. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bus. \$9.00.

BEANS—Green Podded Bush (Continued)

King of the Earliest Bean. The earliest and the hardiest of all green podded varieties. It may be planted from a week to ten days earlier than any other green bean, and is not liable to rot during cold wet weather. It produces freely straight long round light green pods. Equally as desirable for planting as a late crop. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gallon, \$1.50; peck, \$2.75; bushel, \$10.00.

"Giant Stringless" Green Pod. This is a great improvement on old-time popular favorite Valentine Beans. 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. We confidently recommend it either for the home garden or as a profitable variety to grow for market. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; 4 qts. \$1.40; peck, \$2.50; bushel, \$9.00.

Extra Early Refugee. A very early, green-podded variety, with medium-sized, green, fleshy pods; seed drab, freely spotted with dark purple. The vines are smaller and of more upright growth, and leaves a little longer than the Late Refugee. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bushel, \$8.00.

Longfellow. The handsome long round green pods are tender, brittle and stringless when young. Very early maturing variety, recommended for home and market. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bus. \$8.00.

Early Bountiful. Almost a continuous bearer. Plants are of strong growth and produce abundantly stringless flat tender green pods. Very early. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Refugee, or 1,000 to 1. The best variety for fall planting. Will withstand early frosts better than any other. A



Bolgiano's King of the Early Beans.

heavy producer of splendid quality beans that stand shipment without injury. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bushel, \$8.00.

Dwarf Horticultural. Very productive, pods of medium length with splashes of red. Always stringless and desirable for cooking when young. The green shelled beans are of the finest quality. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.65; bushel, \$9.50.

Boston Pea, or White Navy. The most popular of all the so-called baking beans. Easily grown and very productive. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; peck, \$1.75; bushel, \$6.00.

Dwarf Wax Snap

During the past few years there has been a great improvement in the quality of wax-podded beans. The varieties we offer have all been grown from the finest selected strains and are bound to please the most critical planters. Culture directions same as given for the green-podded Bush Beans.

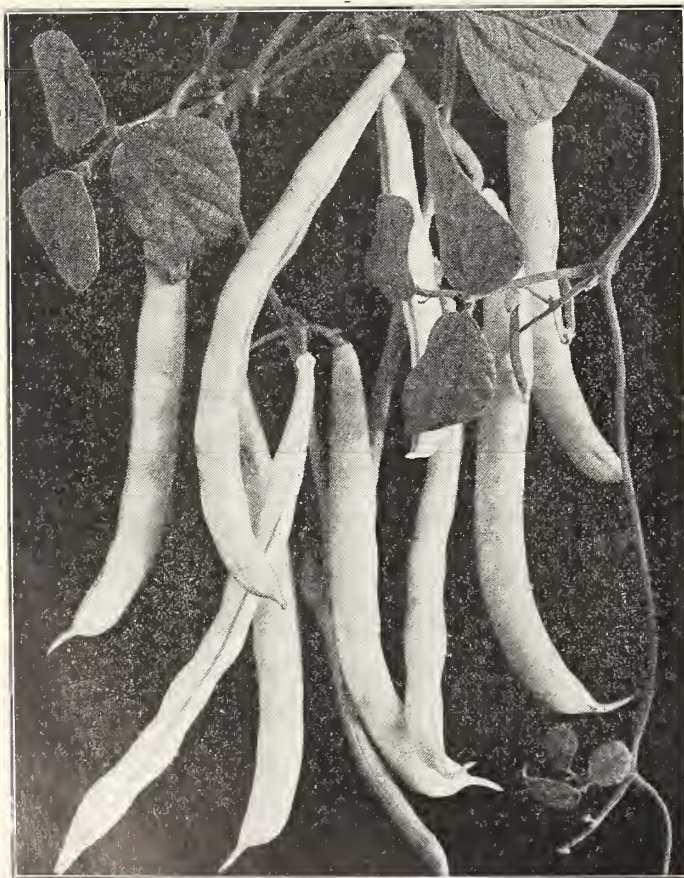
Bolgiano's Best Yet Wax. (SPECIALTY, see page 5.) Among the finest of late introductions.—The plant is of an erect and bushy habit, bearing heavily rich lemon yellow, flat pods, brittle and absolutely stringless. Their wonderful yielding qualities recommend them highly to the home gardener, trucker and canner. You will fall quite in love with their tenderness and delicious flavor, and after growing them once, they will be assured of a permanent place in your garden. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.65; bushel, \$9.50.

Bolgiano's New Wax. The pods are round and of a bright golden yellow. Very productive, bearing pods in clusters. The medium size, thick fleshed pods are about the size and shape of the Red Valentine. It is free from rust and stringiness. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$9.00.

Improved Rust-Proof Golden Wax. A greatly improved strain; more prolific and superior to the old golden wax. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$8.50.

Improved Stringless Refugee Wax. Decided improvement on old Refugee Wax; very desirable for canning. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$8.50.

Wardwell's Kidney Wax. Very hardy; more robust than any other wax bean; very heavy cropper; not liable to rust or blister. The flat pods are 5 inches long and of a rich golden-yellow. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.



Bolgiano's New Wax.

BEANS

Dwarf Wax Snap (Continued)

Bolgiano's New Pearl Wax. Although grown through rainy weather, this bean shows no signs of rust or blight in the worst of weather. It is a sturdy grower with many long pods which though flat are plumper than others of its type, and stringless if picked early. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.



Bolgiano's New Pearl Wax Bean.

Trucker's Reward Wax Bean. This is a synonym for perfection with market gardeners and truckers. The many long flat white pods born on a plant are all so nearly perfect as to be almost unbelievable, and they have that exceptional quality of remaining fresh and crisp for a longer time than any other variety. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Hodson Wax. Produces a healthy growth of foliage, resists rust and blight, and is remarkably prolific, with long, straight, thick, handsome, light yellow flat pods. The pods are brittle and tender, of fine texture, and stringless if picked when young. Its remarkable productiveness makes it one of the best late or main crop wax beans for house or market garden. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$8.50.

Currie's Rust-Proof Wax. It is hardy and practically rust-proof. Pods grow long, flat, and are tender and of fine quality. Very early, productive and by far one of the best shipping beans on the market. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$8.50.

Davis Kidney Wax. A most popular variety where a hardy wax podded sort is desired. The straight flat pods measure 6 inches long, are of a rich golden yellow, and are tender and of fine flavor if used when the pods are young. Very productive; the white dried beans are desirable for winter use. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$8.50.

Sure Crop Stringless Wax. Very prolific and produces pods of the finest quality. The pods are almost round, slightly curved; measure about 7 inches long by 1/2 inch wide, and are always stringless; the meat is very thick. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$8.50.

Round Pod Kidney Wax. A strong growing mid-season variety, vigorously productive, having round pods about six inches long, slightly curved, light yellow, wax-like, stringless and of the very best quality. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$9.00.

Pencil Pod Black Wax. This new bean has been most enthusiastically praised by all who have grown it. Its beautiful yellow pods are straight and from 5 to 7 inches long, well rounded, meaty and deep saddle-backed. They are always solid, brittle and entirely stringless. The plants grow 15 inches high with abundance of large, heavy foliage, under which will be found an enormous crop of straight, golden yellow pods. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bushel, \$8.00.

Climbing, or Pole Beans

Kentucky Wonder, or Old Homestead. This variety is one of the most desirable and earliest of all the green-podded running varieties. It is enormously productive, the pods hanging in great clusters from base to top of pole; are of a silvery-green color and entirely stringless; they cook deliciously tender and melting. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Lazy Wife. One of the best for snaps of the later green podded pole beans. The numerous pods, borne in large clusters, are 5 to 7 inches long, broad, thick, fleshy, and entirely stringless. When young they have a rich, buttery flavor, which is retained until they are nearly ripe. The dry beans are excellent for winter use. Seed white. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.90; bushel, \$10.50.

Cherry Pole, or Horticultural. Vines moderately large, light colored leaves; pods short, pale green, but becomingly streaked with bright red; beans large, oval, splashed and spotted with wine-red, and of the highest quality either green or dry. Many people like them better than Limas. Adapted for cool locations and short seasons. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; gallon, \$1.40; peck, \$2.50; bushel, \$9.00.

Burger's Stringless Green Pod. White-seeded Kentucky Wonder. The pods average 6 to 8 inches in length, are uniformly straight, of a rich, dark green, and so meaty as to be really saddle-backed. The pods are as entirely stringless as the popular Stringless Green-Pod Bush Bean; they are equally tender and of similar sweet, mild flavor. The dry beans are pure white. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gallon, \$1.60; peck, \$2.90; bushel, \$10.50.



Kentucky Wonder.

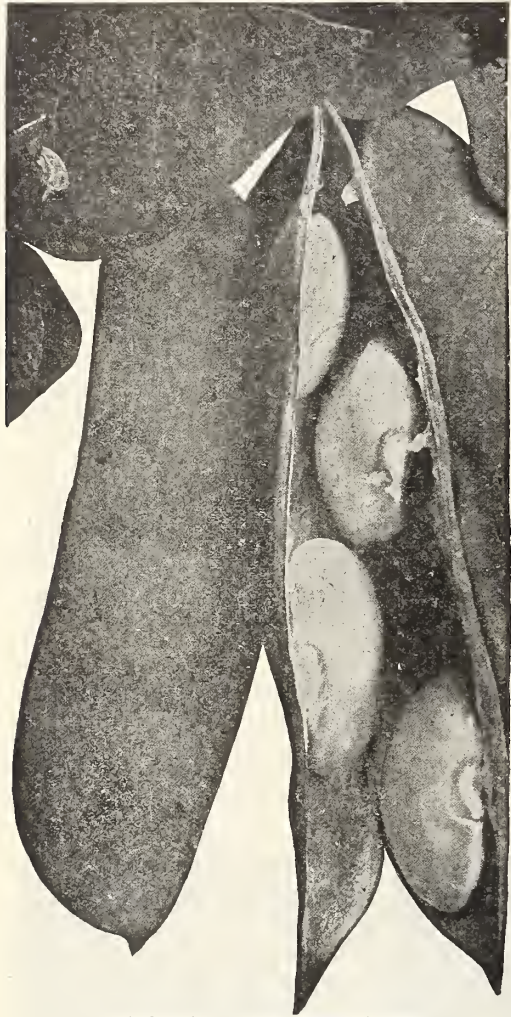
Golden Cluster. Extra strong in growth and very productive. The pods are of large size, 7 to 8 inches long by three-quarters of an inch wide. Although flat, the pods of a rich golden yellow, are stringless and of excellent flavor. The dry seeds are thick and pure white. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.55; bushel, \$12.50.

White Creaseback or Best of All. The best early Stringless Green Podded Pole Bean. Productive. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.90; bushel, \$10.50.

Dutch Caseknife. Early, long, green, flat pods, white seed. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.90; bushel, \$10.50.

Scarlet Runner. In northern locations, where the summers are cool and short, this takes the place of the Large Lima Beans. Plants are of strong, quick growth, bearing large sprays of bright scarlet, pea-like flowers. When fully ripened, the dry beans are of bright scarlet, heavily blotched with purple. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; gallon, \$1.85

BEANS—Bush Lima



Bolgiano's Enormous Bush Lima.

Bolgiano's Enormous Bush Lima. (SPECIALTY, see page 6.) This wonderful Bush Lima is the earliest, largest and best of all bush limas; the vigorous bushes are crowded with enormous pods. The delicious green beans are larger than any other Lima Beans. It yields continuously from June until frost. Both the pods and the luscious flavored beans are much larger and considerably thicker than the large bush lima. The seed beans are greenish and very handsome, while the dried beans of the large bush limas are pure white. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; Peck, \$3.85; bushel, \$14.50.

Fordhook Bush Lima. The Fordhook produces a stiffly erect bush form of growth, and therefore the pods rarely come in contact with the soil, and thus are always clean in appearance. The stalks which produce the blossoms are immense, and pods are almost always borne in clusters of from 4 to 6. The well-filled pods contain from 4 to 6 thick, meaty beans. The shelled beans are of the Potato Lima type and are always of the finest flavor. Our seed has been grown from the finest selected stocks. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$4.00; bushel, \$15.00.

Improved Large Bush Lima. This bean produces magnificent crops of pods, which measure from 5 to 6 inches long by 1 ¼ inches wide. As compared with the original Burpee Bush Lima, it is fully a week earlier, and both pods and beans are very much larger, while the beans, either green or dry, are nearly twice as thick. Pkt. 10 cts.; pt. 40 cts.; qt. 70 cts.; gallon, \$2.00; peck, \$3.00; bushel, \$13.00.

Large Bush Lima. Large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large Pole Limas. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.00.

Henderson's Bush Lima. It has merit in being productive and very early for family use, and where the trade demands a small-sized bean it has no superior. Makes a delicious dried bean for winter use. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gallon, \$1.50; peck, \$2.75; bushel, \$10.00.

Wood's Prolific Bush Lima. An "Improved Henderson Bush Lima." Earlier than the Burpee's Bush Lima, but somewhat smaller in size of bean, making a larger growth than others; stems are loaded down with beans in great clusters. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.90; bushel, \$10.50.

Dreer's Bush Lima. An excellent variety that is very valuable to all on account of its productiveness. The beans grow close together in the pods, are thick, sweet and succulent. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.85; bushel, \$14.50.

Pole Limas One qt. to 150 hills; 10 to 12 qts. to acre. For Mailing see Parcel Post Rates.

CULTURE. Choose light soil and make small hills 3 feet apart, having previously spaded deeply and fertilized. Plant long poles 2 feet deep in the center of the hills. Allow 6 beans to each hill, covering them barely beneath the surface, their eyes downward. Do not allow more than 3 to climb a pole, but remove extra plants to hills where less than 3 have sprouted. The lima bean is very delicate, and often from slight causes fails to sprout. They should not be planted until the ground is warm.

Bolgiano's New Giant Podded Emerald Isle Pole Lima. Emerald Isle Pole Limas are the largest podded, largest seeded, heaviest cropper of all Limas. They are earlier, more prolific and much larger podded than the King of the Garden. The mammoth pods measure 7 to 8 ¼ inches in length and 1 ½ to 2 inches in width, and are borne in great clusters. The vines branch or stool out from the main stalk close to the ground, each vine producing 10 to 15 lateral branches. Emerald Isle Pole Lima Beans continue to bear most abundantly until killed by frost. This is the most perfect Pole Lima Bean ever introduced. It grows green, it dries green, it stays green. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 4 qts. \$2.00; peck, \$3.50; bushel, \$12.00.

Seibert's Early Lima. In earliness, ease of shelling, size, beauty and quality of the green beans, this variety leads all other early limas for either the home garden or market. The vines are vigorous and remarkably productive. Pods are medium green, large, flat, about 5 inches long, moder-

ately curved. The green shell beans are very large, very tender and of finest quality. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$3.00; bushel, \$11.00.

King of the Garden. Its vine has a luxurious growth, which abounds with large pods, often 6 to 8 inches long, and filled with 5 or 6 perfect beans to a pod. These beans in their green state are large and luscious, but when dry, shrink to the ordinary size. It is large, early and prolific and unequalled in quality. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; 4 qts. \$1.75; peck, \$3.00; bushel, \$11.00.

Early Leviathan. One of the newer varieties and the best early variety in cultivation. Vine very tall and strong; pods long and borne in clusters; beans large and white. It is early, strong-growing and prolific. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.75; bushel, \$11.00.

Carpinteria Pole Lima. A most desirable pole lima for the home and market garden. The vines are strong growing and vigorous, producing an abundance of fine, large, medium green pods, 5 to 6 inches long, usually closely filled with four beans of largest size, much thicker than the average pole lima. The color is distinctive in having a decided greenish tint, an indication of very finest quality. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; peck, \$2.75; bushel, \$11.00.

BEANS—Pole Limas (Continued)

Bolgiano's Evergreen Pole Lima. (SPECIALTY, see page 6.) The finest variety ever introduced, bearing heavily, large, green tinted, meaty beans. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.75; bushel, \$14.00.

Improved Challenger. This is one of the leading standard early varieties that is very popular on account of its productiveness. The quality is exceedingly fine, the beans cooking rich and mealy. Although this is one of the leading varieties for the home or private gardeners, it has become very generally used by the market gardeners and truckers as well. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.00.

Jersey Extra Early Lima. Is ten days to two weeks earlier than any other Pole Lima, except the Leviathan. The beans are exceptionally tender and delicious. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$3.00; bushel, \$11.00.

Carolina or Sieva. Very early and productive. Plump and very popular in the South. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$3.00; bushel, \$11.00.

MANGEL-WURZEL BEET For Cattle Feed

Four pounds to Acre.

97. Improved Sugar Beet. Large growing sort; rich in sugar, hardy and very productive. $\frac{1}{4}$ lb. 20 cts.; lb. 40 cts.

53. Golden Tankard Yellow-Flesh Mangel. Deep yellow-fleshed, of milk-producing quality. $\frac{1}{4}$ lb. 20 cts.; lb. 40 cts.

49. Giant Mangel-Wurzel. The heaviest cropper, of mammoth size; fine quality. $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

New Jumbo Mangel. For milch cows and cattle generally the New Jumbo Mangel has no equal. It is a milk-producer of the highest quality. $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

Golden Giant Intermediate. Root intermediate between the long and the globe-shaped. Flesh white, firm and sweet, much liked by cattle. $\frac{1}{4}$ lb. 20 cts.; lb. 40 cts.

Klein-Wanzle Bener Elite. This variety at the present time has probable a wider cultivation than any other Sugar Beet. While not as a rule equal to the Vilmorin in saccharine richness, it is considerably more productive. $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

Bird Seed

C58. Canary Seed. Lb. 15 cts. Postpaid.

C62. Bird Rape. Lb. 20 cts. Postpaid.

C60. Hemp. Lb. 15 cts. Postpaid.

Sunflower Seed. Lb. 15 cts. Postpaid.

BRUSSELS SPROUTS

Brussels Sprouts look very much like little heads of Cabbage, and growing closely on the stalk a single plant produces a great many from the ground level to the tip. The plants are very hardy and may remain outdoors during the winter in many locations. The quality and flavor of the sprouts are much improved by frost. Seed should be sown the same as it is customary to sow for late cabbage.

167. Perfection. Grows about 2½ feet high. Very productive. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. 2.50.

7. Paris Market. This is much dwarfer than the preceding and bears a large crop of handsome sprouts. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.



Bolgiano's Evergreen Pole Lima Bean.

SWISS CHARD, or SPINACH BEET

The rapidly increasing popularity of this vegetable is well deserved, for not only do the leaves make splendid greens when cooked like Spinach, but the leaf stalks are particularly palatable if prepared in the same manner as Asparagus. The culture is the same as for Beets, and it can be grown throughout the entire summer.

145. Large Ribbed White

Produces broad white leaf stalks. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

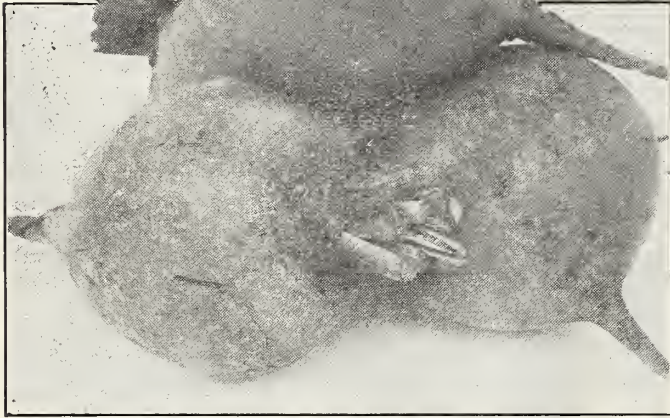
Lucullus.

Plants growing 2 to 2½ feet tall with many creamy white curled leaves carried on broad, thick stalks. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts. lb. 75 cts.



Swiss Chard.

Bolgiano's
Deep Blood
Beauty Beet



A103. Bolgiano's Deep Blood Beauty. (SPECIALTY, see page 5.)

Our long experience in the growing of Beets has shown this new strain of Beet to be the Best Extra Early Deep Blood Turnip Beet. Roots are globular and peculiarly smooth; color is of blood red, very crisp, tender, fine-grained and sweet, remaining so for a long time. We believe this excellent new stock will produce a crop more uniform in shape, color and quality than any other Beet. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

C57. Superb. (SPECIALTY, see page 5.) Has taken the lead among early turnip-shaped

Beets entirely by superior merits of everything pertaining to a Beet to make a recognized leader. It is very early, indeed; it is 8 to 10 days ahead of any other early sort now offered. The shape is uniformly perfect, being entirely free from fibrous side roots, which are so objectionable; in fact, it is the smoothest Beet within our knowledge. The flesh is a rich, dark blood-red, tender, crisp, and deliciously sweet, besides having a very small top; is an ideal variety for bunching. Will produce a good crop inside of seven weeks from sowing. Is excellent as a forcing sort or as a main crop. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.

45. Wonderful Early Spring. (SPECIALTY, see page 5.)

Extra quick in maturing, small tap root, small tops, deep dark red color, fine-grained flesh; in fact, it is the best yet introduced for early market. Grown in hot beds, cold frames or open ground. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

108. Bolgiano's Extra Early Eclipse. It is valuable for home gardens and indispensable for market gardens. It is remarkable for very rapid growth, the perfect flesh, and for its dwarf foliage. Roots bright, glossy red, very fine grained. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

142. Crimson Globe. This splendid new variety is a most valuable introduction. The color is most distinct, being of a rich, deep crimson; in shape uniformly a perfect globe: the skin is smooth and clean. It is early in maturing, and is proving specially desirable and profitable for market gardeners and truckers. Its attractive appearance, splendid flavor and other fine table qualities make it a favorite. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

229. Extra Early Dark Red Egyptian. The best variety for forcing. Excellent for first early out-of-door crop, being the very first to produce. The roots are very dark and moderately thick and little rounded on top growing to a good average size. The flesh is dark purplish red, firm, crisp and tender. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

1 ounce to 50 feet of drill;

BEETS

5 to 6 pounds to the acre.

CULTURE. Our best seed is grown from selected transplanted roots and have given truckers and market gardeners, who appreciate a high standard of perfection, the utmost satisfaction. The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked. When the plants are large enough, thin out to stand 6 inches apart in rows; continue sowing for a succession as late as the middle of August. Keep well cultivated.

125. Crosby Extra Early. A very superior strain of blood-red Egyptian, carefully selected for years by Mr. Crosby, a noted market gardener, whose aim was to secure a perfect forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, fine quality, and, above all, quick, rapid growth. The shape is very desirable, not flat like the ordinary Egyptian, nor so round as Eclipse. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

232. Lentz Extra Early. 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, a splendid keeper and shipper. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

133. Dewing's Blood Turnip. Tops medium size and veins dark red; leaves green; roots dark red, turnip-shaped, with large top; flesh carmine red, zoned with lighter shade; tender, sweet and a very good keeper. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

122. Edmands Blood Turnip. The flesh is deep blood-red in color and exceedingly sweet and tender in quality. It is round and smooth in shape and of good market size. It has a small top. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

153. Half Long Blood. We recommend this beet to be of great value. Its roots are of an attractive shape, its flesh is dark red and very tender and sweet. As a fall and winter beet it has few equals. Pkt. 5 and 10 cts. oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 65 cts.

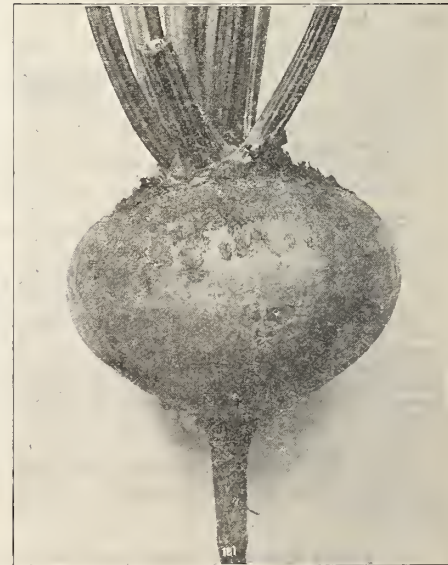
93. Extra Early Bassano. This Beet is sometimes called Philadelphia Sugar Beet. Root large, turnip shaped; come very early, and are very sweet and tender; flesh bright light red. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

103. Detroit Dark Red Turnip. One of the best deep red Turnip Beets for market gardeners or home use. Its

small upright growing tops, early maturing, and fine globular shape and color of the roots make it very popular with every one who plants it. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

127. Bastian's Early Blood Turnip. A bright red medium early beet of very good quality for home or garden use. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 65 cts.

68. Long Smooth Blood. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.



Edmand's Blood Turnip Beet.

CABBAGE

One ounce of seed produces about 2,500 plants. Four ounces will grow enough plants to set an acre.

CULTURE. For very early use sow in January or February in hotbeds; put out when the plants are strong enough into other hotbeds, or sow in cold frames in March; transplant, when danger from killing frost is past, to open ground in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July in rows 2½ feet apart and 2 feet in the row. Cabbage succeeds best in fresh, rich soil, well manured and deeply dug or plowed.

Extra Early Varieties

80. Select Jersey Wakefield. Heads pointed at top, and plants produce but few outside leaves. Our seed has been most carefully selected. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

A105. Big Winner Wakefield. No other cabbage of which we have knowledge has aroused such enthusiasm among cabbage growers as has our "Big Winner." It has the same general characteristics of other Wakefield Cabbages, the head 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 plantings. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 80 cts.; lb. \$2.75.

105. Large Charleston Wakefield. True Long Island grown. About 5 to 10 days later than Early Jersey Wakefield; the heads are fully one-half larger and can easily be planted 20 inches in the rows. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

A80. Bolgiano's Early Large York. This is a very valuable early variety, and follows the Express in heading. The heads are round, heart-shaped, and very firm. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

Extra Early Express. This, the earliest of all cabbages, has produced marketable heads in 80 days from the sowing of the seed. It can be planted close and yields large, early, paying crops. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 80 cts.; lb. \$2.75.

A223. New Leader. As early as Wakefield, yields 12-000 heads, one-third more per acre than any other extra early cabbage. 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. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 80 cts.; lb. \$2.75.



New Early Cabbage.



Select Jersey Wakefield Cabbage.

213. Early Winnigstadt. A standard second-early variety; very hard heads. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

Early Varieties

A117. Bolgiano's Early "Square Deal." For a fine, solid, tender, uniform, early, flat cabbage, Bolgiano's "New Square Deal" Cabbage challenges all other types. 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. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 85 cts.; lb. \$3.00.

210. Copenhagen Market. Undoubtedly the finest, large, round-headed early Cabbage. The heads average about 10 pounds each in weight, are very solid and of fine quality. It matures as early as Charleston Wakefield, and will give a heavier yield per acre than that well-known variety. The plant is short-stemmed, the leaves always tightly folded. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 85 cts.; lb. \$3.00.

223. Allhead Early. This famous Cabbage is considerably larger than Early Summer Cabbage that is equally as early. The deep flat heads are remarkably solid and the most uniform in color, form and size. The hard heads grow so free from spreading leaves that fully one thousand more heads than usual with large Cabbage can be obtained to the acre. It is really an all-the-year-round Cabbage, being equally good for winter if seed is sown about August. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

160. Bolgiano's Early Flat Dutch. The heads are large and solid. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

C21. Enkhuizen's Glory. This Cabbage from Holland is a good early sort making fine, large, tender and fine grained heads. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 85 cts.; lb. \$3.00.

117. Bolgiano's New Early. (SPECIALTY, see p. 5) This is the finest, large, very early cabbage. Forms solid, compact heads, and the leaves grow close to the head, thus allowing many more cabbages to be grown on the acre than other sort. Its earliness is one of its remarkable features. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

115. Succession. True American grown. Matures ten days later than Early Summer and is larger in growth. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

CABBAGE—Early Varieties

(CONTINUED)

101. Improved Early Summer. A superior second-early sort; produces large and solid heads of finest quality; popular in the South. Selected stock. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

143. All Season. Will do to plant at any season of the year, with assurance that the crop will be fine, large heads, and in every respect give satisfaction. It grows large. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

Late, Fall and Winter Varieties

The possibility of having green food during the snowy months is realized by growing fall cabbage and storing it for winter use. The varieties which we list below produce hard heads that will keep well when properly stored.



Extra Large
Flat Dutch Cabbage.

89. Extra Large Flat Dutch. Fills a long-felt want of our Cabbage growers. They anxiously look for a variety which includes large size, solidity, uniformity, good keeping qualities and quick development, so that by planting later than was necessary with the old Flat Dutch they could avoid the cabbage worm and yet mature their crop. Matures in three weeks less time than the Late Flat Dutch. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

A89. Bolgiano's Superior Stock Large Late Drumhead. This splendid Cabbage produces enormous heads and is an all-head Cabbage. Its good keeping quality makes it a first-class sort to carry over winter or for long distance shipping. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

192. Autumn King. The plant is of extra-strong growth with dark green leaves growing closely about the large flattened heads. In good soil it will produce heads of enormous size, but, of course, requires a longer season for growth than do the smaller varieties. Seed sown the first of June will produce fine heads in time to put away for the winter. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

250. The Lupton. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

A250. Bolgiano's Ringleader. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

249. Florida Header. One of the most popular and surest varieties for producing good fall crops in the trucking sections of the southeastern section of the United States, and exceptionally sure producer of fine large compact heads. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

206. Danish Roundhead. A late variety, but matures earlier than the Danish Ball Head. The heads are round and have a short stalk, and for solidity is ahead of all others. The interior leaves are pure white and of sweet flavor. It is a healthy variety and able to stand hot weather and resist disease. Danish grown. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

124. Improved Perfection Drumhead Savoy (True American). There are many varieties of Savoy Cabbage, but there is one variety, "Bolgiano's Perfection," that surpasses them all for uniformity of heads, beauty of curl, extra large size and superior keeping qualities. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

129. Premium Flat Dutch. This is an old favorite and standard with many truckers and much improved by careful selection. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

C25. Volga. This variety is of recent introduction and has much merit, and makes large, round heads which are very solid. It is hardy and will do well in every section where Cabbage is grown. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

32. Mammoth Red Dutch. The largest red Cabbage and heads very solid, and is deep red color to the very center. No Cabbage is better for boiling or for slaw, and its beautiful red color specially fits it for pickling. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

Pe-Tsai, Chinese or Celery Cabbage

This Chinese vegetable has become very popular in many large cities. The Chinese Cabbage is very easily grown, and in fairly rich soil quickly produces handsome heads resembling Cos Lettuce. It is apt to bolt to seed during hot weather, therefore best results are obtained by sowing seed the latter part of the summer (August 1st to 15th) and having plants stand about 15 inches apart in the rows. Heads are easily blanched and may be used as a salad or boiled like cabbage. Plants are rather tender and will not stand frost.



Pe-Tsai, or Chinese Cabbage.

C55. Pe-Tsai, Chinese or Celery Cabbage. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

Wong Bok. Slightly earlier than Pe-Tsai and shorter, producing very hard heads of splendid quality for salads or slaw. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

Annapolis, Sherwood Forest, Md., March 6, 1922.

Dear Mr. B.:—

Your Early Yellow Summer Crookneck Squash is wonderful. From two hills we had all we could use at home and some to give away, and we had them nearly every day. We like them after dipping in egg and breadcrumbs, of course after taking off the thin skin.

Your Emerald Isle Pole Lima Beans are also mighty fine. We shall plant both of these this year again.

MRS. FRED. W. BAUSUM.

FROST PROOF CABBAGE PLANTS

READY FOR IMMEDIATE DELIVERY

WILL DOUBLE YOUR PROFITS

Mature Heads Two to Three Weeks Earlier Than Your Home-Grown Plants

Whether you wish to reduce the High Cost of Living by increasing the production of your home garden, or whether you desire to command the high prices that come to those who market their truck crops before the season opens, you can hardly afford to do without our FROST-PROOF CABBAGE PLANTS. You may not be familiar with these plants, and for this reason we will tell you why our claim of Frost-Proof is well founded.

In the famous Sea Island Cotton growing region of South Carolina there is found a soil and climatic conditions just suited for growing tough hardy cabbage plants during the Winter and early Spring. Here the plants develop slowly but steadily until they are ready for shipment at eight to ten weeks of age, having developed at this time purple buds and reddish brown outer leaves. They are, then very tough and hardy, and can be shipped north for long distances where they may be planted in the open ground a month to six weeks sooner than the more delicate hot-bed or cold-frame plants. After being planted, these FROST-PROOF CABBAGE PLANTS will stand a temperature of 20 degrees above zero, the land freezing, or being covered with ice, sleet or snow, without injury.

Although the roots grow from the time they are planted, the tops of the plants do not start until regular Spring weather opens up, at which time the established root growth takes up the fertilizer in the soil and the plants grow very fast, maturing headed cabbage two to three weeks sooner than you can mature them from hot-bed or cold-frame plants. You know what the difference in profit will be if your crop is matured and marketed before the general crop from home plants is matured; but,

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.

Our cabbage plants are grown from the best Long Island grown seed, and are shipped direct from our growing station in South Carolina by Parcel Post or Express. We can fill orders from December 1 to May 1.

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 this, they will produce the crop results. We guarantee good order delivery on parcel post shipments. We do not guarantee delivery on shipments by express. They are made at the purchaser's risk.



Cabbage Plants Growing in South Carolina.

Early Jersey Wakefield, Charleston Large Type Wakefield Succession, Early Flat Dutch

Prices by parcel post, postage prepaid: 100 to 400 plants at 50 cts. per 100; 500 for \$1.60; 1,000 or more for \$3.00 per 1,000 plants.

Prices by express, buyer paying charges: 1,000 to 4,000 at \$2.00 per 1,000 plants; 5,000 to 8,000 at \$1.50 per 1,000. Plants are packed for parcel post shipment—100, 200, 300, 400, 500 or 1,000 plants to the package; for express shipment—1,000 or 2,000 plants to the package. Order only in these quantities. We pack only one variety to the package.

They weigh about 20 pounds per thousand plants, packed for shipment.

TERMS: Cash with order. No plants shipped C. O. D. We advise that you have all shipments of one thousand plants or less sent by parcel post. They make quicker time and are delivered direct to you by the mail carrier. On larger lots inquire of your express agent what the charges will be. To a great many points the parcel post rates are as low as express rates. When rates are near the same always order by parcel post, as time and service are better.

CHICORY

22. Witloof (French Endive). Witloof Chickory is used principally as a winter salad. The seed should be sown in the open ground not later than June. The plants form large parsnip shaped roots which are lifted in the fall, trimmed of leaves and stored in soil in a cool place until wanted for forcing. The roots can be forced in any warm cellar or room, requiring about one month to make edible sprouts. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00.

CORN SALAD

One ounce will sow about 18 square feet and six pounds will sow an acre.

112. Broad Leaved (Large Seeded). Delicious salad used during the winter and spring months as a substitute for lettuce, and is also cooked and used like Spinach. Sow in spring in drills 1 foot apart. It will mature in six weeks. For early spring use sow in September and winter over like Spinach. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.



Chantenay Carrot.

TABLE CARROTS

Three Ounces of Seed to 100 Yards;
Four Pounds to the Acre.

Arrange for an ample supply of Carrots, as they are highly nutritious, and if sowings are frequently made it is possible to maintain a supply of roots the year round.

CULTURE. Carrots, to grow to perfection, require a deep, rich, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 4 inches in the row; sow for winter crop in June and July. It is very important to tread the rows firmly after sowing the seed.

177. Early Golden Ball or French Forcing.

A very desirable variety for forcing and also supplying early roots for open ground. The small round roots measure about 1½ inches in diameter, are smooth, tender and of good flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00, postpaid.

87. Danver's Half-Long Orange.

A handsome cylindrical-shaped carrot of good size. It is of rich, dark orange color, grows to a large size, is smooth and the flesh very close in texture, with little core. It is a first-class carrot for all soils, and it is claimed that under good cultivation it will yield the greatest weight per acre with the smallest length of root of any now grown. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

AC61. Chantenay, or Model.

Broad stump roots measure 5 inches long and 3 inches in diameter at shoulder. Roots are smooth, flesh tender and fine grained; color deep orange. A most popular variety in all markets. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts., by mail postpaid.

161. Half Long Stump-Rooted Nantes Strain. One of the most popular sorts. The half-long roots measure 6 inches long by 1½ inches in diameter. Flesh tender and sweet; color rich orange. Pkt. 5c and 10c; oz. 15c; ¼ lb. 25c; lb. 75c.

A87. Half Long Pointed. A well-known strain; productive. Pkt. 5 and 10 cts.; oz. 15c; ¼ lb. 25c; lb. 75c.

AC5. Pride of the Market. This beautiful, medium size, pointed-root carrot is just what gardeners want for an early crop. In color, earliness, size, form and shape it excels all other sorts. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.

C61. Early Rubicon. A half long Orange, stump-rooted Carrot, of a beautiful, deep-red orange color. It is earlier than Danvers, about the same length, but heavier and thicker at the shoulder, making it more productive. It is a wonderfully heavy cropper, producing 3 to 4 tons to the acre under good culture. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

100. Nichol's Long Orange Improved. One of the most desirable either for garden or field culture. It grows to large size, fair specimens average 12 inches in length and 3 inches in diameter at the top. All who have cattle should raise a surplus of this carrot for feeding milch cows during the winter. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

C5. Henderson's Intermediate. One of the best main crop carrots. It is noted for its smoothness of shape, its tenderness of flesh and beauty of color. It is free from any coarse, rank flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

170. Early Scarlet, or Dutch Horn. An excellent table variety, for planting out of doors, with orange red roots about three inches long. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.

A134. Early Sunbeam. Bolgiano's New, 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. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.



Long Orange Carrot.

134. Ox-Heart Selected Stock. Thick carrot, 5 inches long and very blunt at the lower extremity. It grows very rapidly and the roots attain a weight of more than a pound. It is tender, and of a deep red color, and is a variety we can recommend to all market gardeners. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

Scarlet Beauty Carrot. A handsome and prolific Carrot. Rich deep scarlet in color. In length, between Long and Half Long Orange. Very straight roots. Very little foliage for size of roots. Delicious flavor. Heavy yielder. Uniform size. Often 2½ to 3 inches at the top, and 10 to 12 inches long. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.

St. Valery, Long Red. Color, orange-red. Roots large and handsome, intermediate in shape between Danvers and Long Orange. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

Large, White Belgian Carrot. Produces large roots 4 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 the winter; they keep stock in fine condition. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.

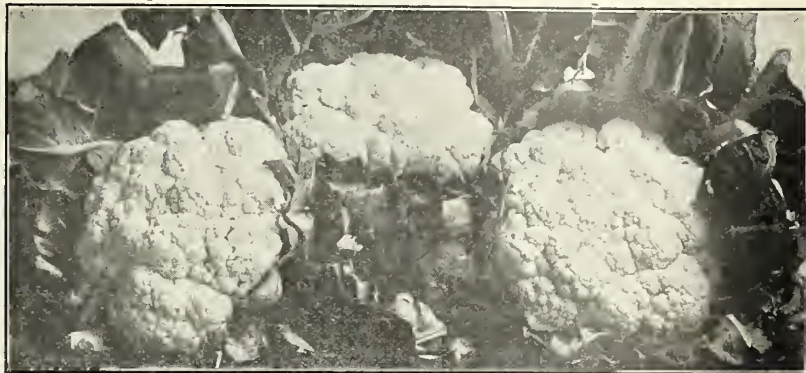
FREE DELIVERY. Packets, Ounces, Quarter-Pounds, or Pounds, of all seeds excepting Beans, Corn, and Peas ordered at list prices, will be sent FREE by Mail or Express.

CAULIFLOWER

One Ounce Will Produce
About 2000 Plants.

Cauliflower, although one of the most delicious vegetables, is but little grown except by professional gardeners because of the erroneous notion that it is so difficult to grow that only the skilled gardeners can produce it. Any one will be reasonably sure of success with this most desirable vegetable if the culture directions given below are carefully followed.

CULTURE. Sow the seed in a hotbed in January or February, and when the plants are large enough transplant three inches apart in boxes or in other hotbeds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, 2½ feet apart each way. Keep them well hoed and bring the earth gradually up to their stems, watering freely in dry weather and especially when they begin to head. Cauliflower succeeds best when planted in frames at the close of winter and brought to maturity before the summer heat sets in. The late varieties mature in the autumn and are sown and managed similar to winter cabbage.



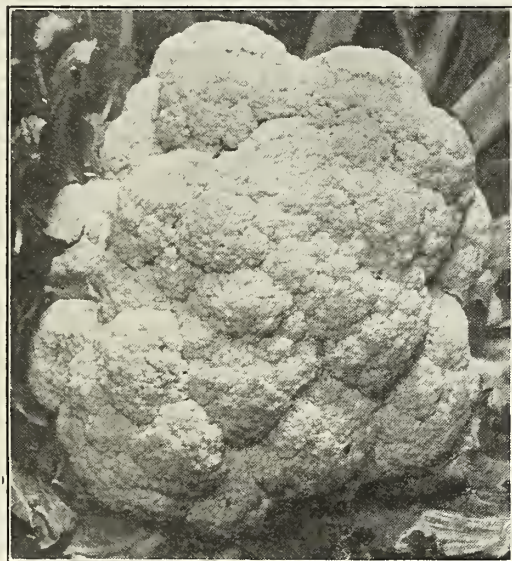
The Twentieth Century Cauliflower.

3. The Twentieth Century. Where other Cauliflower fails, gardeners should try this strain. The heads are all large, and every plant will make a head when the conditions are right. In Long Island, N. Y., this strain has given the best satisfaction. The heads are large, compact and white, weighing more than any other sort. The outside leaves are smaller than any other variety; for this reason it can be planted closer, thereby getting a greater number of heads to the acre. It is the earliest and makes big money for the grower. Pkt. 10 and 15 cts.; ½ oz. \$1.40; oz. \$2.25; ¼ lb. \$8.00.

Extra Early Dwarf Erfurt. A remarkably sure heading early Cauliflower. It is of dwarf habit with short outside leaves similar in most respects to Early Snowball, and nearly as early. The heads when ready for market are medium to large size. The curd is white, exceptionally deep and of finest quality. It will give excellent results either in the home garden or for market use. Pkt. 10 and 15 cts.; ½ oz. \$1.40; oz. \$2.25; ¼ lb. \$8.00.

166. Veitch's Autumn Giant. This is known on the Pacific Coast under the name of California Wonder. It is very late in maturing and heads or curds are not so well formed nor so tight as those of the earlier varieties. Pkt. 10 and 15c; ½ oz. 50c; oz. 75c; ¼ lb. \$2.70; lb. \$10.

33. The Success. Having received many inquiries for a satisfactory variety to produce heads late in the season, we were much pleased when our attention was called to The Success. With the introduction of The Success we feel many gardeners may now prolong their growing season. It forms firm large curds or heads, pure and white in color, and always solid and firm. Pkt. 10 and 15 cts.; ½ oz. \$1.25; oz. \$2.00; ¼ lb. \$7.50.



Early Snowball Cauliflower.

24. Early Snowball. The seed is from our selected imported stock, grown for us by the best grower in Europe. This Cauliflower, the most widely known of them all, may be planted early in the spring or late in the fall. It is of dwarf, compact growth and produces pure-white solid heads of large size and excellent quality. The long pointed leaves protect the curd from the sun. Early Snowball matures in ninety or a hundred days under favorable conditions, and its earliness and large size make it most desirable. We feel sure that if you once try this seed you will have no other. Pkt. 10 and 15 cts.; ½ oz. \$1.25; oz. \$2.00; ¼ lb. \$7.50.

245. Danish Giant or New Dry Weather Cauliflower. Will produce splendid crops in very dry locations. Pkt. 10 and 15 cts.; ½ oz. \$1.25; oz. \$2.00; ¼ lb. \$7.50.

COLLARDS A great many people look upon the lowly collard, or "Georgia Cabbage," as some jokingly refer to it, as something not worth while growing. Now there are thousands of collard patches scattered over the South, and most Southern people like them. The collard is an old-time favorite, adapted to all parts of the South, and as a producer of "greens" for boiling in winter and spring it has no equal. It will pay you to have a collard patch just to give your cows an occasional taste of "green stuff." Sow any time up to September 1st.

C50. Southern, or Georgia. This variety is the old-time favorite. Stands all sorts of adverse conditions without injury. It is very hardy, standing winters as far north as Atlanta. In many places where the soil is too poor to grow cabbage, the collard grows easily and makes a good substitute for cabbage. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c.

CRESS **CULTURE.** Sow thickly in shallow drills every 2 or 3 weeks. It should be cut often, and it will continue to grow. It is useful not only for salad, but for the breakfast table and for garnishing. True Water Cress should be sown in damp soil; or if a stream of water can be utilized they will be much finer. They will also 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 outer margin of a hotbed, inside the frame, where it is always cool.

21. True Water. It thrives when its roots and stems are submerged in water. It is one of the most delicious of small salads. Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00.

215. Wild Garden. Largely used for pork salad; has a delicious pungent taste. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25.

C26. Pepper Grass. The seed should be sown in drills about 16 inches apart on very rich ground, and the plants well cultivated. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

CELERY

One Ounce Will Produce About 3000 Plants, and Sow About 200 Feet of Row.

CULTURE. 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. 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 5 feet and taller sorts 4 feet between rows; plant 6 inches apart in the row. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling" generally done the beginning of September. After the soil has been drawn up with a hoe, it is drawn closer around each plant by hand to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position and the celery is wanted for early use, they should be "banked."

94. French Golden Self-Blanching. (SPECIALTY, see page 4.)

This is the best early celery in cultivation. Since its introduction, in 1884, it has been steadily increasing in sales, until now it is the main early celery raised by market gardeners. The beautiful appearance of the plant, with its close habit, compact growth and straight, vigorous stalks, is faithfully shown in the illustration. The ribs are perfectly solid, crisp, brittle and of delicious flavor. It is self-blanching to a very remarkable degree, for without banking up or any covering whatever, even the outer ribs become a handsome, fresh, yellowish white color. The heart is large and solid and of a beautiful, rich, golden yellow color. Pkt. 5 and 10 cts.; oz. 60 cts.; $\frac{1}{4}$ lb. \$2.25; lb. \$8.00.

Golden Self-Blanching. American grown. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

185. Easy Blanching. (SPECIALTY, see page 4.)

This splendid new variety is dwarf and compact in habit; light-green foliage. It is very easily blanched and might be termed second early, following Golden Self-Blanching. For winter and spring use, it is a splendid keeper. The flavor is first class, while the stalks are pure white, heavy and crisp. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

71. White Plume. While very early and easy to blanch, will not keep long after taken from the trenches. As the stalks become ready for use they take on a pure white, even though not earthed up. The hearts are better if the stalks are slightly earthed up. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.



Sweet Nut Celery.

Giant French. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

23. Large Smooth Prague. A new and quite distinct sort, the roots being very smooth, large, round. Of a very distinctive flavor; roots may be boiled or used in flavoring other dishes. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

A15. Bolgiano's Sweet Nut Celery.

For home gardens and nearby markets Bolgiano's New Celery "Sweet Nut" is the most delicious, sweet, nutty, crisp celery that has ever been offered to the public. It is absolutely solid, a most excellent winter keeper, of vigorous sturdy growth, making fine, large, solid stalks, with a large, full, creamy-yellow heart. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.



Golden Self-Blanching Celery.

29. Hartwell's Perfection. Magnificent, large, golden-yellow heart, of superior quality, excellent winter market sort. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

67. Flavoring Celery. Cannot be used for growing purposes, but is an excellent spice for soups, salads, etc. 2 ozs. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

135. Bolgiano's Golden Heart. This is the old standard sort which has satisfied gardeners these many years. It is crisp, solid, handsome, the most excellent flavor, with a beautiful golden heart. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

C11. The Shumacher. The stalks of this splendid variety grow to an immense size, and are perfectly solid and crisp. It has a firm and beautiful golden heart, and the flavor is first class. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

46. Winter Queen. Beautiful in appearance, of close habit and compact growth, and blanches to an attractive cream white. Ribs perfectly solid, crisp, and of a delicious nutty flavor. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

15. Giant Pascal. The stalks are very large, thick, solid, crisp and a rich nutty flavor, free from any taste of bitterness. Blanches very easily and quickly and retains its freshness a long time after being marketed. The heart is a golden yellow, very full and attractive. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

20. Boston Market. Forms a cluster of heads and should be blanched by earthing up. A popular market garden variety. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

For Economy's Sake
ORDER OUR SPECIAL COLLECTIONS
They are on page 42.

SUGAR, or SWEET CORN

One Quart to 200 Hills; 8 to 10 Quarts to the Acre.



Extra Early Ideal Sweet Corn.

Extra Early Varieties

Extra Early Ideal. (SPECIALTY, see page 4.) The earliest, best, most profitable corn ever introduced. Large ears, sweet, delicious flavor, tender and extremely early. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; gallon, \$1.00; peck, \$1.75; bushel, \$6.00.

Bolgiano's Extra Early Harvester. (SPECIALTY, see page 4.) This is the best Extra Early White Sugar Corn that has ever been placed on the market. It is several days earlier than the "Golden Bantam," sweeter flavor, ears larger and pure white in color. It is a rapid grower, medium in height, large yielder, 3 to 4 ears to the stalk, 6 to 7 inches long. A wonderful corn for early home use. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bushel, \$8.00.

Bolgiano's New "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. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; peck, \$1.75; bushel, \$6.00.

California Golden Country Gentleman Corn. This is a wonderful combination of "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? Don't take chances of forgetting it—send in your order today certain. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.15; bushel, \$7.50.

Golden Bantam. One of the sweetest corns grown. It is a dwarf, medium early variety of exceptionally good quality. In all respects it is a gem—in size of plant, ear and grain. It is particularly well adapted to small gardens on account of its small size; to the more pretentious on account

of its excessive cropping ability on a given area, and to all because of its superb quality and luscious satisfying flavor. Pkt. 10 cts.; pt. 20 cts.; qt. 30 cts.; gallon, \$1.00; peck, \$1.60; bushel, \$5.50.

For mailing see Parcel Post Rates on page 2.

One quart weighs about 2 pounds.

Sweet Corn is undoubtedly one of the most popular vegetables the world over. It is a very simple matter to have a full supply of ears throughout the entire growing season—make sowings every two weeks.

CULTURE. The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May or until ground has become warm; for succession continue planting every two weeks until the middle of July in rich, well-manured ground, in hills 3 feet apart each way, covering about ½ inch and thin out to 3 plants to a hill. The extra early varieties can be planted 18 in. in a row and 2½ feet between rows.

of its excessive cropping ability on a given area, and to all because of its superb quality and luscious satisfying flavor. Pkt. 10 cts.; pt. 20 cts.; qt. 30 cts.; gallon, \$1.00; peck, \$1.60; bushel, \$5.50.

Adams' Extra Early. Largely grown for early market. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; peck, \$1.60; bushel \$5.50. Ears, 75 cts. per dozen.

Second Early Adams' Corn. Ears are all larger and later than Adams' Extra Early. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; peck, \$1.40; bushel, \$4.50. Ears, 75 cts. doz.

Premo. Extra early; very large ears; fine quality. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; gal. 70 cts.; peck \$1.60; bushel, \$5.50.

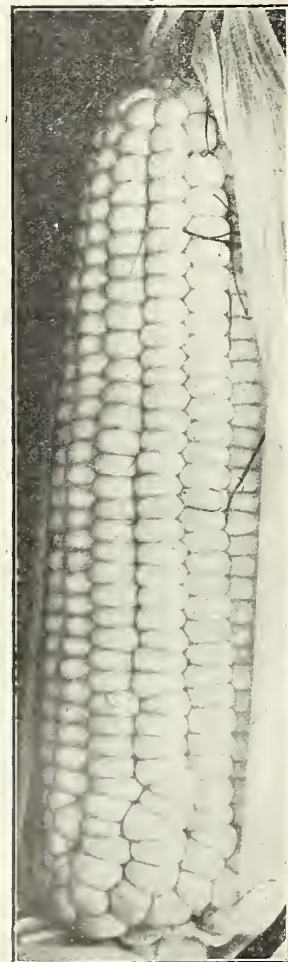
Mammoth White Cory. Stalks grow four feet high, generally bearing two large, finely shaped ears, fit for use in about seventy days. Ears are twelve rowed, 6 to 7 inches long, very symmetrical and handsome. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; 4 qts. 90 cts.; peck, \$1.60; bushel, \$5.50.

Golden Evergreen. A splendid variety to follow Bantam. The ears are larger and better filled. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; gal. \$1.25; peck, \$2.00; bushel, \$7.00.

Howling Mob. This splendid flavored sweet corn grows 4 to 5 feet high, producing two good ears to the stalk, which measures 7 to 9 inches in length. In season this corn ripens about 4 to 6 days later than White Cory. Its unusual name arose from the fact that the Market Gardener who originated this strain had so many people crowded about his stand that it was really a mob calling loudly for his corn. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; peck, \$1.60; bushel, \$5.50.

Extra Early Evergreen. Ripens about 10 days earlier and is equally as good. It is a splendid variety to come in between the early and late sorts, and is destined to become popular. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; gal. 90 cts.; peck, \$1.50; bus. \$5.00. Ears, \$1.00 per dozen.

Early Mammoth Sugar. Sweet, delicate flavor, producing a large ear and a small sized cob, which fills out to the end perfectly. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; gal. 90 cts.; peck, \$1.50; bushel, \$5.00.



Howling Mob.

Save Money by Ordering One of the COMPLETE VEGETABLE GARDEN COLLECTIONS See page 42.

Money for postage must be included with all mail orders for Corn unless shipped by express.

GENERAL AND LATE CROP SUGAR CORN

BOLGIANO'S LUCKY STRIKE SUGAR CORN

We know of nothing that gives us greater pleasure this year than the opportunity of introducing Lucky Strike Sugar Corn to our friends. We know that many will wish to know all about this splendid new variety; will want to know what it is like, and how it got its name.

As you all realize we are always working in vegetables and searching for something new and better. Thus it was that Mr. "B" while searching for a corn of exceptional merit to Market Gardeners came upon this splendid variety so unexpectedly that he named it Lucky Strike.

Lucky Strike matures in about the same season as Stowell's Evergreen. The ear is about as large in diameter, but from one to two inches longer. The grains are large and of such an excellent luscious flavor that it wins immediate approval. The entire ear is covered with heavy shucks of such a beautiful dark green color that this variety keeps a universally fresher appearance than others, which makes it command a higher price and quicker sales at market. We are looking for a heavy sale of Lucky Strike this year, and hope that all of our friends will put in their orders early, as we feel sure that our supply will not last through the season. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; gallon, 90 cts.; peck, \$1.60; bushel, \$5.50.



Bolgiano's Lucky Strike.

Snow White Evergreen. The most valuable sweet corn for main crop. It has the ideal qualities of the Stowell's Evergreen Corn, only it is pure white, making it the most desirable late corn for market and home gardeners. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; gal. 90 cts.; peck, \$1.50; bus. \$5.00.

Shoe Peg, or Ne Plus Ultra. An old standard favorite, of fine flavor, deep grains, and good production. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; gal. \$1; peck, \$1.75; bus. \$6.00.

Money for postage must be included with all mail orders for Corn unless shipped by express.

Late Mammoth. A late sort on account of its immense size, producing the largest ears of any variety. These measure up to 14 inches in length, and are well filled with large, broad, white kernels, which are sweet, tender and delicious. Usually there are 16 to 18 rows to the ear. The stalks are very large, about 8 feet high, and productive. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; 4 qts. 90 cts.; peck, \$1.50; bus. \$5.00. Ears, \$1.00 per doz.

Stowell's Evergreen. This is not only the most celebrated, but the most popular of all the varieties, although not an early sort. It is, without exception, the best for table use of the entire lot, although quite late. Some may observe they have tried it and found it not equal to the ordinary sugar. To such we say you have not had the pure stock, as no variety degenerates so quickly, unless the grower is exceedingly careful. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; gal. 85 cts.; peck, \$1.40; bushel, \$4.50. Ears, \$1.00 per doz.

Country Gentleman. The deep shoe-peg kernels are placed irregularly, but compactly, upon the cob. It is very prolific, generally bearing 3 to 5 ears to the stalk, and matures a little before Stowell's Evergreen, being sweeter and more sugary to the taste even than that well known standard of quality. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; gal. 90 cts.; pk. \$1.50; bus. \$5. Ears, \$1.25 doz.

Hickox Improved. Handsome ears, very white and of very rich flavor. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; bushel, \$5.50.

Black Mexican Sugar. Very sweet and tender when ready for table; grain is black. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; gallon, \$1.25; peck, \$2.00; bushel, \$7.00.

202. Rice Pop Corn for Popping or Seed. A very handsome variety; ears short; kernels long, pointed; very prolific; no variety of pop corn is superior to this for popping. 15 cts. per lb.; if by mail, 20 cts. per lb., postpaid.

ENDIVE

One Ounce Will Sow
150 Feet of Row.

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July. Plant one foot apart each way. When the plant has attained its full size gather up the leaves and tie them by their tips in a conical form. This excludes the light and air from the inner leaves until blanched.

43. Green Curled. Self-blanching. The best in cultivation. Much more beautiful and ornamental than the old sort. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

162. White Curled. As the color of the leaves is a light golden yellow, little or no blanching is required. Very easily grown, and plants may be gathered for use at any time. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25.

C37. Escarole, or Broad-Leaved Batavian. Leaves a pale green; requires very little blanching. More productive than green curled. Forms large heads of broad thick leaves. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.



Green Curled Endive.

CUCUMBER

One Ounce of Seed
to Fifty Hills.

Two Pounds Plant
One Acre.

CULTURE. For early cucumbers sow first of April in a hotbed upon pieces of sod (the grass side down), so that they can be readily transplanted to the open ground in rich soil when danger of frost is over or protect by hand glasses. For early use, if the weather has become settled and warm, plant in hills about four feet apart each way; thin out to four of the strongest plants to each hill after all danger from insects is over; they succeed best in warm, moist, rich, loamy soil; continue planting at intervals for a succession. The cucumbers should be gathered when large enough for use, whether required or not; if left to ripen it destroys the productiveness. For pickles, plant from June until the middle of July.

131. Bolgiano's Early Fortune. (SPECIALTY, see p. 4.) By far the earliest and best cucumber for table, market or shipping purposes. In color, Early Fortune is a rich, attractive, deep green, which is retained during a much longer period of growth than any other variety. Its form is so regular and the size of all the fruits so nearly the same that growers marvel at the purity and trueness of her stalk. The flavor is delicately refreshing, entirely free from bitterness, exceedingly crisp and brittle, making it an ideal slicing cucumber. Pkt. 5 and 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00.

Bolgiano's Crystal Springs Cucumber. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

Bolgiano's Prosperity. Intense, rich, deep green color retained longer than any other cucumber; the flesh sparkling white. The earliest white spine cucumber. Most refreshing and delightful flavor. Uniformly large, symmetrical fruit. Bears no culls. Vines are vigorous, healthy and mildew-proof. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50.

73. Arlington White Spine. Our selected strain of this famous cucumber is by far the best type on this or any other market. We have this season grown only from seed produced from cucumbers that were simply perfect in every respect. Dark, rich green color and holding its color long after other sorts have gone yellow and become unsuited for the market. A crop of our stock of Arlington White Spine is sure to make trade for any market garden, and for home use it surpasses all other kinds. As a shipper it has few equals. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

109. Davis Perfect. Davis Perfect Cucumber resembles a hot-house cucumber so closely that it is difficult for some dealers to tell the difference. Equally good for hot-house or outdoor culture. It is ideal in shape, rich, dark green color, uniform and regular in size. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

186. Klondike. This valuable variety is one of the best for slicing, and will produce cucumbers similar in appearance to the hot-house grown specimen. The color is rich dark green, and the fruits grow to a uniform size, measuring about 7 inches in length and 2 inches thick when in good condition for use. It matures early. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 85 cts.

Henderson's Perfection White Spine. This cucumber is very much the same type as the Early Fortune. Has great quantities of extra fancy dark green fruit. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00.

237. The Wonderful New Lemon Cucumber. A great favorite as a table delicacy. It is an excellent shipper, and pickled as a gherkin it is delicious. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50.



Bolgiano's Early Fortune Cucumber.

86. White Spine Extra Early. An extra-early strain of the popular White Spine. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

A86. Evergreen. Very early and prolific; deep green color. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

156. Long Green. It is vigorous and productive. The mature fruit is almost 12 inches long. The skin is a deep green, and the flesh is solid, crisp and of fine quality. Especially recommended for pickling. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25.

230. Early Green Cluster Cucumber. This is an extra early pickling or frame variety, being the earliest cucumber of practical use. They will produce fruits ten days earlier than the earliest slicing varieties. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.

238. Japanese Climbing. Used as a beautiful vine and also for its fruit. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50.

A230. Early Frame, or Early Short Green. Desirable for producing pickles of medium size and fine quality. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00.

190. Snow's Pick-

ling. An early maturing, very small, dark green cucumber, cylindrical, square ended, and very popular with the growers of small pickles. Meets in all respects the requirements of those who want an ideal bottle pickle. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

107. Jersey Pickle.

Fine green color. Used for pickling almost entirely. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

A190. Pittsburgh Famous Pick-

ling. Bred to order by one of the most expert plant breeders for a concern who uses thousands of acres yearly. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

2. Gherkin, or Small Bur. Grown exclusively for pickling. Always pick when young and tender. Seed slow to germinate, requiring from 10 to 12 days. Pkt. 5 and 10 cts.; oz. 20 cts.; ¼ lb. 45 cts.; lb. \$1.50.



Arlington
White Spine.

Black Beauty
Egg Plant.**EGG PLANT**1 Ounce Egg Plant
Seed Will Produce
About 500 Plants.**CULTURE.**

Egg Plant seed should be sown very early in hotbed; plants being very tender, must be protected from frost but exposed as far as practicable to light and air to harden them. Egg Plant seed will not germinate freely without a strong uniform heat; if they get the least chilled they seldom recover; therefore, repeated sowing is sometimes necessary.

C44. Black Beauty. The earliest and the best of all large-fruited Egg Plants. It is valuable alike to the private planter and the extensive grower for the market. Black Beauty produces fruits fully as large and ready for use ten days to two weeks earlier than the New York Improved Purple. The grand, large fruits are thick, and of attractive form. The skin is a rich lustrous purplish-black—the satin gloss and rich coloring adding greatly to its beauty. The intensely brilliant coloring is uniform over the whole fruit and does not fade or change to a lighter color. Pkt. 5 and 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$4.50.

216. Florida High Bush. Has proved of the greatest value to the Southern truckers and shippers. It is remarkable for its vigorous growth and productivity; very hardy and will stand more cold weather than the New York Improved. The hot sun does not blight the blossoms. It grows from 3 to 4 feet high, erect and sturdy, free from thorns. Fruit is large, oblong in shape and purple; keeps its freshness and condition much longer than any other variety. Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00.

65. Bolgiano's New York Improved Large Purple Thornless. In shape, color and size this Egg Plant is perfection; its rich, glossy, dark purple color, its beautiful form and large size make it most attractive for the markets and for shipping. Pkt. 5 and 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$4.50.

A216. California Tree Egg Plant. Of medium size and extremely good shape, resisting drought and bad weather to a wonderful degree; upright growth, bearing fruit high above the ground. Pkt. 5 and 10 cts.; oz. 50 cts.; ¼ lb. \$1.65; lb. \$6.00.

KALE, or BORECOLE

One Ounce Will Sow 200 Feet of Drill; 1½ Pounds to the Acre.

CULTURE. Kales are more hardy than cabbage, and make excellent greens for winter and spring use, being improved by frost. Sow from May to June and cultivate same as cabbage.

121. Extra Dwarf Green Curled Scotch, or Norfolk. This is one of the best kales for spring sowing in the South for Northern markets. It is hardy and will remain over winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed 18 inches in height. The leaves are of dark green color, beautifully curled and produced in great abundance. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.



Dwarf Curled Norfolk Kale.

76. Imperial Curly Long-Standing. A beautiful curled and crimped sort, of strong, vigorous habit; perfectly hardy, bright green color, and very attractive in appearance. It will stand longer without shooting to seed than any other variety. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

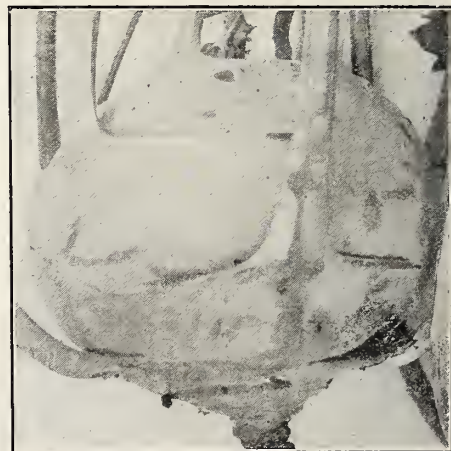
A66. Siberian Curled Kale. The green leaves are very large heavy curled on the edge, a fast grower, extremely hardy. Will stand until late spring without bolting. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 20 cts.; lb. 50 cts.

69. Tall Scotch. Grows about two feet high with abundant dark green very curly leaves. Very hardy. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.00.

66. New American Long Standing Extra Curled Kale. Beautiful green color, perfectly hardy. Will stand the coldest winters. Very tender and can be cut for the market from early spring until late in season. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

KOHL-RABIOne Ounce Sows
300 Feet of Drill

CULTURE. Sow in spring, in rows 18 inches apart, afterward thinning the plants to 8 or 10 ins. If the weather is suitable, the thinning may be planted, but it is considered difficult to transplant. Keep the weeds down, and when the thickened stems above ground are 2 to 3 inches through they are fit to eat, and should be used at once, being tough when old. Cook like turnips.



Early White Vienna Kohl-Rabi.

187. Early White Vienna.

When young and tender, and properly prepared for the table, it is almost equal to the cauliflower. Besides, it is a certain crop, requiring no more care or cultivation than a crop of cabbage. For a fall crop sow in June. Pkt. 5 and 10 cts.; oz. 20 cts.; ¼ lb. 65 cts.; lb. \$2.25.

FOR ECONOMY'S SAKE
Order Our Special Collections
They are on page 42.

LETTUCE—Early Varieties

One Ounce Will Sow 200 Feet of Drill.

Lettuce in certain localities may be produced in a satisfactory way "the year round." As all know, lettuce makes one of our most appetizing and delicious salads. There are many varieties of lettuce, and in order to assist the planter we have carefully classified them, thus making it an easy matter to select the kinds desired.

CULTURE. Sow the seed in hotbeds in February or March, transplant into a sheltering border with a southern exposure. For successive crops sowing may be made in the open ground as early as the spring opens and continuing until July. Always thin out well, or the plants will not be strong. When wanted as a cut salad, sow seed thickly in rows or broadcast.

98. Early May King. Plants are of quick growth, practically all head and extremely handsome. From early spring plantings in the open ground they grow quickly to a diameter of 6 to 7 inches, with the broad, light-green outer leaves folding closely about the round solid head; in cool weather the edges of these outer leaves are lightly tinged with brown. The inner leaves (practically the entire head) are blanched into a rich golden yellow and have a specially fine, rich, buttery flavor. The round solid heads are so firmly folded that they can be shipped to distant markets and arrive in good condition. We recommend repeated plantings of this fine early variety in the spring, and again during August and September for fall use. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

Long Lost Lettuce. Produces large solid compact head. It is a sure header and is very hardy. Will winter even better than the Big Boston, never spots or shows brown in any part of the head. Sweet, crisp and tender. The leading market gardeners say the Long Lost is a profitable Lettuce. Pkt. 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.35; lb. \$5.00.

Millionaire Lettuce. This is a valuable lettuce for the gardeners; will stand much damp cold weather. Quick grower, producing large round compact heads, crisp, tender, and has a delicious rich buttery flavor. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

209. Early Prize-Head. A crisp head sort. Produces a large head of curly leaves with edges heavily shaded with brown. Very popular for summer use. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.



Big Boston Lettuce.

58. Big Boston (Special Stock). (SPECIALTY, see page 6.) Big, compact, tender and crisp, creamy-white heads. Whether grown in the open ground for summer and fall use, or in frames for spring, it invariably gives both grower and user the utmost satisfaction, producing during all seasons, under ordinary favorable conditions, splendid, large, buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender and sweet. Although "Big Boston" is one of the best large-heading mid-summer Lettuces, it is also peculiarly adapted for late fall culture. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

146. Golden Queen. One of the best first extra early head Lettuce for either open ground or frame culture, and a good forcer; medium size, solid, golden yellow heads, crisp and tender. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

219. Earliest Wayahead. Shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. Both in cold frames early in the spring and in the open ground—in spring, summer and early fall months—it has proved to be not only the very earliest and surest heading of all early lettuces ever grown, but also of the very finest quality at all seasons. Wayahead is not only earlier than "May King" and other choice extra early varieties, but the heads are larger and more tightly folded. Outer-leaves are light green, inner leaves nicely blanched to a rich buttery-yellow tint; stands a long time before running to seed. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

198. Bolgiano's Golden Heart. There has always been a demand for a Big Boston Lettuce without the brown tinge. This Lettuce is black seeded Big Boston with less brown tinge. It will stand longer without going to seed and has a fine large heart, light color, and is crisp and tender. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50, by mail postpaid.

Dutch Speckled Butter. Produces firm, small heads of excellent quality. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

Boston Market, or White-Seeded Tennis Ball. While of little or no value for outdoor planting, it is a splendid sort for growing under glass. Small hard heads. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.



Long Lost Lettuce.

LETTUCE—Crisphead Varieties



Iceberg
Lettuce.

92. Bolgiano's Masterpiece Lettuce. (SPECIALTY, see p. 6.)

This wonderful lettuce has been grown and tested by thousands of gardeners and lettuce growers, pronouncing the Masterpiece to be the best late spring, summer and early fall lettuce they had ever grown. Sweet, tender and crisp. No bitterness, never spots or turns dark in any part. Just one big head of good solid eating lettuce. Pkt. 5 and 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.35; lb. \$5.00.

A191. Brittle Ice. Large, brittle, mild flavored, crisp heading variety. It makes heads 6 to 8 inches in diameter. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

225. New York, or Wonderful. The plants are extra large and produce heads of immense size with the leaves closely folded; inner portion blanches easily, and leaves are always crisp and tender. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 65 cts.; lb. \$2.00.

A225. Los Angeles. For many years the Eastern gardeners were confident the Los Angeles lettuce was nothing more than the Iceberg, but they could never grow the same large solid head today. Most of the lettuce growers know the value of the Los Angeles. Heads are large, crisp and tender. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

C10. Hanson Improved. Is uniformly sure heading; grows to a large size, and the heads blanch easily and are always solid; leaves crisp, mild and tender. One of the best to grow for the summer markets. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

C54. Bolgiano's New Wonder. This new lettuce has solid round heads between 6 and 7 inches in diameter. It is hardy and very early or quick in maturing. The outer leaves are tinged with brown, but not to the extent that Big Boston is. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

191. Iceberg. This is adapted for sowing for either spring or summer use, and no matter the season the leaves are always tender. The Iceberg lettuce has become most popular in family gardens. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

Cabbage, or Butter Head Varieties

60. Bolgiano's Black Seed Summer. A perfect heading outdoor lettuce, especially during our dry, hot summer, because it is long standing and always tender and pleasant to the taste. It does equally well for forcing under glass in hot beds, cold frames, greenhouses and for outdoor cultivation. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

Farmer's Pride. We recommend this Lettuce, feeling that it will give the utmost satisfaction. It forms a large, solid head, slow to seed and early in forming. Its large golden heart with crumpled leaves of bright green makes it pleasing to the eye. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

195. Improved Salamander. Especially desirable for late spring sowing. Medium sized, tender heads. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

C39. Big Head. Produces exceedingly large heads of the finest quality for summer use. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

A98. Summer King. It produces immense heads, often 15 and 16 inches across, and heavy in weight. The interior is beautifully blanched, creamy-white, crisp, tender, and delicious, being absolutely free from any trace of bitterness. It is a very large, robust growing variety, rooting deeply, resisting hot dry weather, very slow to seed, and a sure header under trying conditions. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

102. Bolgiano's White Loaf. Gilt edge stock for careful growers. The most experienced truckers pronounce our White Loaf Lettuce the best they ever grew. Lettuce in frames and outdoor is a most important item with our large truckers. To suit their purpose a Lettuce must form a reliable head, be crisp and with pleasant flavor. These qualities they find in our White Loaf, which is used in large quantities for fall and spring sowing, and makes a paying crop. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

11. Mammoth Black Seed Butter. In a trial of several hundred Lettuces we were impressed with this kind for summer use. It makes a large, light green head; the leaves are slightly crumpled like our White Leaf. It withstands the summer heat. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.



Black
Seed
Summer.

C4. California Cream Butter. A fine variety for growing in the South for shipping North during the winter. The beautiful large heads blanch to an attractive white color; the outer foliage is dark green marked with small brown spots. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

176. Deacon. One of the best to withstand hot weather. Produces fine large heads of delicious flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

LETTUCE—Cabbage Head Varieties (Continued)

C30. Bolgiano's White Seed Summer. Splendid hard heading Lettuce that will stand the heat and make at the same time a large head with a golden heart, free from a bitter taste. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

132. Hubbard Market. One of the very best Lettuce for planting in the fall to stand over winter, either in cold frames or outside. Makes a large, solid head, with outside leaves a delicate green, and inside head a fine light color of superior quality. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

Loosehead, Cutting Varieties

227. Grand Rapids. This does not form heads, but makes large compact bunches of light leaves with fringed edges. Its delicious quality and handsome appearance make it most popular in winter markets of many Western cities. It is useful also for outdoor planting during spring and fall. Our stock is the best it is possible to produce. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

C38. Early Curled Simpson, or Silesia. A standard old favorite. Produces early clusters of crisp golden leaves of fine quality. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

174. Black-Seeded Simpson. Recommended both for home and market gardens. The golden yellow curly leaves are crisp, tender and mild. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.



Grand Rapids Lettuce.

1. Bolgiano's Oak Leaf. This is very desirable for summer use, withstanding extreme heat much better than many other sorts. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

LETTUCE, COS, or CELERY



Cos Lettuce.

(ROMAINE)

Cos Lettuce, or Romaine, as it is frequently called on some markets, is not so generally grown as it should be in the United States.

In the South, Cos Lettuce succeeds best during the early spring months, or late in the fall.

172. Eclipse, or Express. Very early. The plants are of stiff, erect, compact growth, and attain height of about 6 inches. The leaves fold so neatly and tightly as to make tying unnecessary. The head blanches to an almost pure white, and the leaves are always mild in flavor. Pkt.

5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

C23. Trianon (Paris Self-Folding White). Of rather tall growth and produces large conical shaped heads. The long leaves blanch an almost snowy white, and are usually eaten like celery, hence it is sometimes called Celery Lettuce. Pkt. 5 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

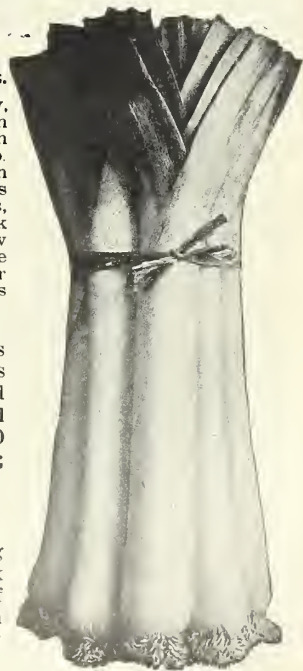
LEEK

One ounce to sow a Drill of 100 feet.

CULTURE. The Leek is very hardy, of easy culture, and succeeds best in a light soil. Sow early in April in drills 1 foot apart and 1 inch deep. When the plants are 6 to 8 ins. high transplant in a deep, rich soil in rows 12 ins. apart and 6 ins. in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, and the young plants transplanted in the spring.

50. Extra Large Leek. It is the best. This mammoth leek is not to be compared with the old kinds. It grows much larger and is very handsome. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

Broad London, or Large American Flag. A very strong growing variety with large thick stems of fine sweet flavor. One of the most popular varieties with large planters. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 70 cts.; lb. \$2.25.



Broad London, or American Flag Leek.

Save Money by Ordering One of the
COMPLETE
VEGETABLE GARDEN COLLECTIONS
See page 42.

MUSKMELON, or CANTALOUPE

One Ounce Will Plant 50 Hills;
2 or 3 Pounds in Hill per Acre.

CULTURE. Melons thrive best in a rich, light soil. Plant early in May, when the ground has become warm and dry, in hills six feet apart each way for muskmelons, eight feet for watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seed; after all danger of the bugs is over, thin out to three plants per hill. When about one foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Give plenty of water and feed liquid manure occasionally. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.



Sweet Air Cantaloupes.

Green Flesh Varieties

41. Sweet Air. (SPECIALTY, see page 4.) A splendid Melon for all purposes. Be sure to read our full description on page 4. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$1.50.

A41. Jr. Rocky Ford. Two weeks earlier, a little larger and twice as productive as the Rocky Ford, one of the best rust and blight resisters. Vigorous grower, vines keep green and produce big crops of fine market melons. Its netting is close and deep, sweet flavor, thick green flesh with small seed cavities, make a very fine shipping melon. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.50.

C32. Knight. It is not liable to blight, considerably earlier in maturing and nearly, if not quite, as large as the Sweet Air. The flavor is equal to the best on the market. The melons are firmly netted, uniform in size, and the thick green flesh is most delicious in flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25, by mail postpaid.

A48. Eden Gem. A medium-sized melon, nearly round in shape, very heavily netted and very slightly ribbed. The flesh is extremely thick, the seed cavity very small. It is medium early and very prolific. The vine is vigorous and will resist blight. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

39. Rocky Ford, or Netted Gem. One of the best-known cantaloupes in the world. When this melon was first placed on the market it made a name and a place for itself. Its fine flavor, bright green, very deep meaty flesh, make it a popular variety. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

48. Pollock's Netted Rock, or Money-Maker. Growers in Rocky Ford have been trying to get a RUST-PROOF and BLIGHT-PROOF MELON. It is distinct in its markings, being almost entirely covered with netting, slightly larger than the Rocky Ford; very delicious in the spicy sweet cantaloupe flavor. Nearly rust-proof and blight-proof. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

197. Bottomley. Slightly smaller than Sweet Air, growing in about same season; evenly netted, oblong, thick flesh, excellent flavor. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

81. Bolgiano's Baltimore Nutmeg. Our seed this season has been grown from the old original stock seed. The Baltimore Nutmeg is a large green-flesh variety, sweet as sugar. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

233. Watter's Improved. One of the earliest, it is the most valuable sort to plant where first in the market is of great importance. Light green flesh. Sweet and tender. The heavy netting makes it a successful melon for both gardens and shippers. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

C27. Jenny Lind. Small-fruited green-fleshed variety of finest flavor. Early and productive. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

AC32. Maryland The vines are of a strong, healthy growth, branch freely, setting a large number of fruits close to the hill. Regular in size and form, and very closely netted. Flesh bright green, luscious in flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

224. Extra Early Hackensack. Thick green flesh, is of fine flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

C49. Honey Dew Melon. Has a peculiar sweet pleasant taste that makes one wish his capacity was unlimited. It must be dead ripe before being prepared for the table. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

Salmon Flesh Varieties

A246. Bolgiano's Unsurpassed. (SPECIALTY, see p. 4.) Enormous producer, best shipper, solid netted. Orange-colored meat, tender, delicious, and sweet flavor. Fairly melts in your mouth. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.50.

180. Golden Sugar. It is a pleasure for us to offer again this salmon flesh melon which has given such universal satisfaction to those who have grown it. This sweet, deep-fleshed melon has a flavor that invites all who taste, while its regularity of size and tough rind recommend it to shippers. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

99. Burrell Gem. Another desirable salmon-fleshed variety. Melons about same size as preceding, but they are more oval in shape, and are well ribbed. The flesh is thick and of delicious flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

77. Paul Rose. Slightly oval in shape with deep orange flesh. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.

54. "Tip Top." Sweet, juicy, finest flavored, firm (but not hard) fleshed. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

228. Banana Cantaloupe. Deep golden flesh, exquisite flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

244. Extra Early Osage Gem. Delicious sweet flavor; tender; extremely prolific. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

246. 10-25 Cantaloupe. A re-selection of the Pollock Salmon Tint, No. 25 Strain, which in the last few years has become very popular among market gardeners. Orange flesh, tender, sweet flavor, without strings or toughness; excellent shipper, good seller. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

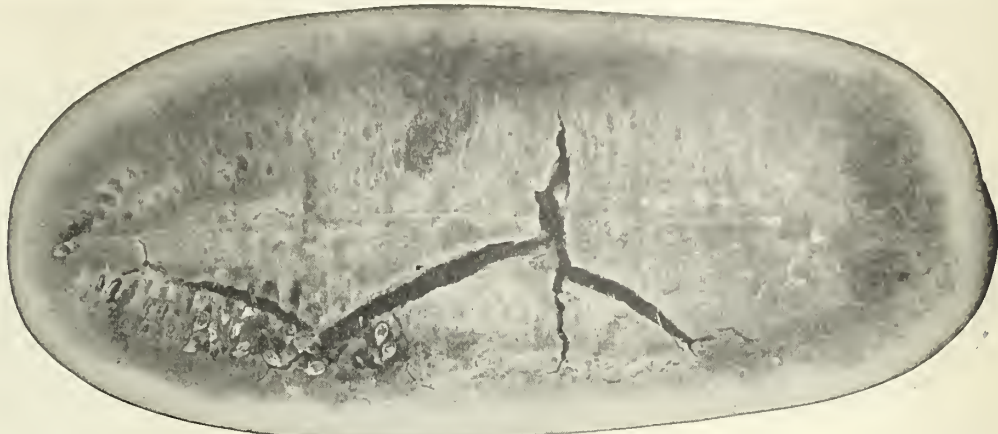
WATERMELON

Four to Five Pounds to an Acre;
One Ounce for Thirty Hills.

CULTURE. Same as for Cantaloupes on Page 25.

In the planning of your garden be sure and include a few hills of Watermelon. These do not require any great effort to produce a satisfactory crop. See cultural directions on page 25 for Cantaloupes.

There is nothing more delicious on a red-hot summer day than a well-chilled Watermelon.



General Pershing Watermelon.

A181. General Pershing Watermelon. (SPECIALTY, see p. 6.) The finest melon ever introduced. The sparkling red flesh is as sweet as honey. No hard center and stringless. Flesh firm and compact. Rind tough; will stand shipping from Florida to Canada in perfect condition. Vigorous grower. Vines keep green and produce enormous crop of first-grade melons weighing 35 to 51 pounds each. Pkt. 5 and 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00.

64. Tom Watson. This old favorite is an extra long melon of attractive appearance, uniform in shape and quality; the luscious crimson flesh is "as sweet as honey," melting and of superb flavor. The average melon will weigh 35 to 40 pounds and measure 28 inches long and about 12 inches in diameter. As a shipping melon, it has held first place and is also quite popular for home use. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

181. Irish Grey. The rare combination of tempting sweet flavor and a tough rind make this melon one of such superior merit that it well deserves the popularity that it has been receiving among growers for shipping and home use. One feels a little disappointed at the first sight of the light green rind, but the view and taste of the delicious interior makes fast friends. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

A64. Bolgiano's Indian Chief. Is entirely distinct from all other varieties. It is a large, oblong, dark green melon; the rind is thin, but tough, which makes it a first-class shipping melon. Flesh bright red; delicious sweet flavor; produces big crops, all select size. Our demand for seed each year increases. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

144. Improved Florida Favorite (White Seeded). Early. Fine quality; medium size; flesh deep red. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

C48. Kleckley Sweet, or Monte Cristo. A fine melon for home growing and table use. Vines are strong, vigorous and the fruits grow to large size, 18 to 20 inches long and 12 inches in diameter. Skin is a rich, dark green; flesh bright scarlet, ripening close to the rind, which is but half an inch thick, so that shipping it long distances is not practicable. Crisp, sugary, melting and entirely free from stringiness. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.

150. Triumph. It is a cross between Duke Jones and Kolb's Gem. Has the handsome appearance and dark green color of the former and the shipping qualities of the Gem; medium season, very prolific, deliciously sweet and of enormous size. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50c.

179. Halbert Honey. A very sweet, long, dark green variety. Fruits average 18 to 20 inches long, has a thin rind and deep red meat of delightfully delicious flavor; pulp entirely free from stringiness; seed white. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 60 cts.

231. Excell, the New Watermelon. (SPECIALTY, see page 6.) A long green melon, with visible stripes. Handsome in appearance and far surpasses the Tom Watson both as a shipper and for the table. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

63. Round Light Icing. Round; pink flesh of fine quality. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

70. Jordan's Gray Monarch. Large melons; crimson flesh; late. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25c; lb. 60c.

197. Ice Cream, or Peerless. Very early; red flesh. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 40 cts.

88. Kolb Gem. Large; good shipper; bright red flesh; intermediate. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20c; lb. 50c.

C14. Georgia Rattlesnake. Oblong, dark and striped; bright red flesh; late. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

220. Preserving Citron. Medium size, uniformly round, used only for preserves or pickles. Color dark green, distinctly striped and marbled with light green. Flesh white and solid, but not at all suitable for eating raw. Seed red. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

MUSHROOM SPAWN

Mushrooms may be grown in cellars, under benches or greenhouses or in sheds, wherever the temperature of 50 degrees can be kept up through the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh horse manure, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed the required size. Three or four feet wide, 8 inches deep and any length desired are the proper proportions for a bed, but these may be varied. Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of the spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees make holes in the bed about a foot apart each way, into which put pieces of the spawn 2 or 3 inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to the depth of 2 inches and cover with 3 or 4 inches of hay, straw or litter. Examine the bed often to see that it does not get dry. Take special care, however, when water is given that it be at a temperature of about 100 degrees.

American Spawn. In bricks. Per brick, 25 cts.; 10 bricks, \$2.25; per 100 bricks, \$20.00.

If requested, with each one dollar order for Mushroom bricks, we will send a book on Culture. Books alone, 10c.

FOR ECONOMY'S SAKE
Order Our Special Collections
They are on page 42.

One Ounce Will Sow
100 Feet of Drill.

ONION

Six Pounds
to the Acre.



White Silver
Skin Onions.

in April, in strong land, well manured, and thinning them out to 3 to 4 inches apart in drills. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground. By sowing onion seed in frames in February and March and transplanting in April onions of immense size can be obtained. For this purpose Prize-Taker succeeds best.

CULTURE. For sets sow the seed early as possible in the spring, very thickly in drills. As soon as the tops die off in summer remove them to a dry, airy place, and early in the following spring re-plant by placing the sets in shallow drills, 12 inches apart, and about 4 inches apart in the drills. The onions obtained by that process are of a large size early in the season. May also be grown to full size during the first season by sowing thinly in drills 1 foot apart and about 1/4 inch deep in March or early

85. White Silver Skin. This famous onion retains its great popularity. Its delicate and mild flavor, its shapely form and size, and its pure white color make it a most desirable variety for the table, for the market and for shipping. Onion sets are extensively grown from this sort, and from these sets full-size onions are grown as early as June and July. The onion sets and large onions are used for pickling purposes because of their clean, silvery white color. Pkt. 5 and 10 cts.; oz. 20 cts.; 1/4 lb. 65 cts.; lb. \$2.25.

C13. Australian Brown. It is of medium size and of good quality, very early, rather flattened in shape, brown in color, and wonderfully hard and solid. It begins to form a bulb at an early period of its growth, when only a few inches high, and quickly reaches maturity. Its leading and most valuable feature, aside from its appearance and quality, is its long-keeping quality. It will literally keep for a year or more. Pkt. 5 and 10 cts.; oz. 15 cts.; 1/4 lb. 45 cts.; lb. \$1.50.

173. Yellow Globe Danvers. A popular variety of fine flavor and a splendid producer. Pkt. 5 and 10 cts.; oz. 15 cts.; 1/4 lb. 45 cts.; lb. \$1.50.

C40. Southport Yellow Globe. Some gardeners claim the Eastern-grown seed produces a more solid onion than the western-grown. Pkt. 5 and 10 cts.; oz. 15 cts.; 1/4 lb. 50 cts.; lb. \$1.75.

36. Danver's Fine Yellow. Color brownish - yellow; bulbs quite round and of good size. This is one of the varieties grown for sets, thousands of bushels of which are annually shipped from this market to different parts of the United States. They are more hardy than the whites, and keep better through the winter. Pkt. 5 and 10 cts.; oz. 15 cts.; 1/4 lb. 45 cts.; lb. \$1.50.

C63. Mammoth Prize-Taker. This onion is seen on fruit stands in the fall and is the largest and handsomest onion in cultivation, and can be grown full size from seed. It keeps well, has white flesh, and mild, delicate flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; 1/4 lb. 50 cts.; lb. \$1.75.

C45. Large Red Wethersfield. Produces beautiful thick flat-shaped, rich, purplish-crimson colored solid bulbs. It always commands a good price in the market. It is a good keeper and of excellent quality. Pkt. 5 and 10 cts.; oz. 20 cts.; 1/4 lb. 60 cts.; lb. \$2.00.

C64. Southport White Globe. Of all our American varieties of market onions, this generally commands the highest price. Of true globe form, the onions are 2 to 2 1/2 inches in diameter, with a thin, delicate skin of purest paper whiteness. The flesh is crisp, fine grained, snowy white in color and very mild flavor. The bulbs should be stored in a

cool, dark loft or shed to dry as soon as they are ripe enough to harvest. Pkt. 5 and 10 cts.; oz. 20 cts.; 1/4 lb. 65 cts.; lb. \$2.25.

A85. White Portugal. Fine color; mild flavor; pure white. Fine for onion sets and pickles; will grow to large size if sown thinly and kept worked. Pkt. 5 and 10 cts.; oz. 20 cts.; 1/4 lb. 65 cts.; lb. \$2.25.

243. Yellow Bermuda Onion Teneriffe. It is oval in shape, white, very early, mild flavor, and will produce full grown onions from seed the same season, in the Southern States. Seed grown in early fall will produce large onions for the market in early spring. Pkt. 5 and 10 cts.; oz. 20 cts.; 1/4 lb. 60 cts.; lb. \$2.50.

242. Crystal Wax-Onion Teneriffe. The very best onion produced in Teneriffe. Pure crystal white, extra early, mild flavor and will demand the highest market prices. Pkt. 5 and 10 cts.; oz. 25 cts.; 1/4 lb. 85 cts.; lb. \$3.50.

241. Red Bermuda Onion Teneriffe. Shape and size similar to white, differing only in color. A most desirable sort to grow. Pkt. 5 and 10 cts.; oz. 20 cts.; 1/4 lb. 60 cts.; lb. \$2.50.

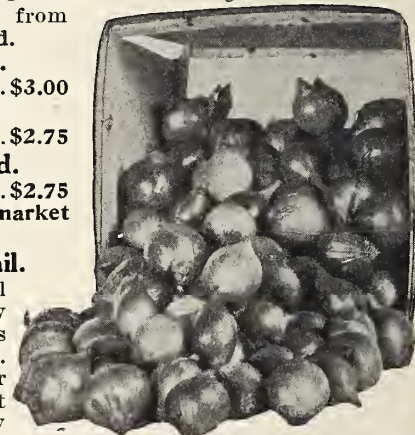
ONION SETS

For years we have made Onion Sets one of our specialties, and this season our stock is larger and finer than ever. We are prepared to offer Onion Sets in any quantity, from one bushel to a carload.

- White Silver Skin.**
 - Per bushel \$3.00
 - Yellow Danvers.**
 - Per bushel \$2.75
 - Red Wethersfield.**
 - Per bushel \$2.75
- Prices subject to market changes.

Onion Sets by Mail.

We will send by mail postpaid either Yellow or White Onion Sets at 15 cts. per 1/2 lb. (about one pint), or 25 cts. per lb. (about one quart), safely packed.



Onion Sets.

MUSTARD

One Ounce of Seed Will Sow 50 Feet of Drill.

Mustard is one of the best greens, and a supply may easily be obtained throughout the entire season if succession sowings are made. Try Mustard cooked like Spinach. It is very easily grown and will thrive in any part of the garden. For late spring use sow in February, March or April; for fall use sow in August and September. Sow the seed in rows 8 to 10 inches apart. One ounce will sow about 100 feet of drill; about 5 lbs. is required for an acre if sown broadcast.

C6. Southern Giant Curled. A curly leaf variety; produces large leaves; makes a very fine salad; flavor is all that can be desired. Plant in fall for early spring salad. A popular variety. Pkt. 5 and 10 cts.; oz. 15 cts.; 1/4 lb. 20 cts.; lb. 60 cts.

C9. Chinese. Differs from the preceding in that the large, broad leaves are smooth and flat. The plants produce a large quantity of leaves which are delicious when cooked and served like Spinach. Pkt. 5 and 10 cts.; oz. 15 cts.; 1/4 lb. 20 cts.; lb. 60 cts.

Ostrich Plume Mustard. The plants are of vigorous growth; dark green leaves curve outward like a fine ostrich plume. Fine flower, one of the best for early salad. Pkt. 5 and 10 cts.; oz. 15 cts.; 1/4 lb. 25 cts.; lb. 75 cts.

One Oz. Will Sow
30 Feet of Drill.

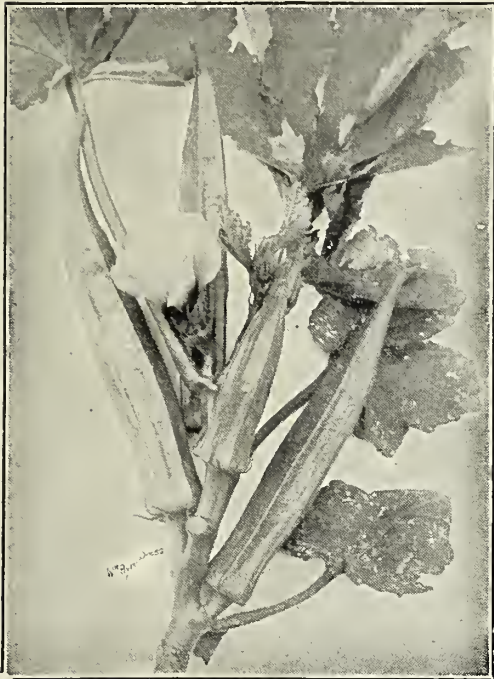
GREEN OKRA

Ten Pounds
to the Acre.

CULTURE. This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow seed thickly in rich ground about the middle of May, or when ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 ins. apart in drills.

154. Dwarf Green Prolific.

The pods impart fine flavor and consistency to soups and stews, besides being very palatable when stewed and served like a dish of Asparagus. Its pods can be



Improved Long Green Okra.

easily dried for winter. So delicious is the flavor that when once used it will be grown every year in Northern as in Southern gardens. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 20 cts.; lb. 50 cts.

C28. Improved Long Green. A very desirable sort for market gardeners; of medium height; very handsome; bears long pods, which remain tender a long time and are free from hard ridges. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 20 cts.; lb. 50 cts.

236. White Velvet. A popular new variety with white pods. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 20 cts.; lb. 60 cts.

AC28. Perkin's Mammoth Long-Podded. 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. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 20 cts.; lb. 60 cts.



Ostrich Plume Mustard.

One Ounce Will Sow
100 Feet of Drill.

PARSLEY

Six Pounds
to the Acre.

CULTURE. Succeeds best in a mellow, rich soil. Sow thickly in April in rows 1 ft. apart and ½ inch deep; thin out the plants to stand 6 ins. apart in the rows. The seed is slow of germination, taking from 3 to 4 weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker soak the seed a few hours in warm water or sprout in damp earth and sow when it swells or bursts. For winter use protect in a frame or light cellar, or lift some of the plants and reset in six-inch flower pots or small boxes and place in kitchen window.

106. Market Gardener's Best Triple-Curled. The plant is of a very robust and free growth, and it is improved by severe cutting. The leaves are very large and beautifully curled, and of a very dark green. It will stand the heat, drought and cold better than many other varieties. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

C33. Emerald, or Dwarf Extra Curled. Leaves are tender, beautifully curled; handsome, bright green color; very pretty; makes long stems. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 60 cts.

A106. Green Mountain.

Hardy, immensely productive, deep velvet green. The leaves are densely curled and borne in abundance. Is exceedingly easy to grow, and with very little care any one can have the finest parsley in cultivation. If you have but a few square feet of garden, you can easily raise enough parsley to supply your table. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

218. Plain, or Single.

Leaves flat, deeply cut, but not curled, and very dark green. Plant very hardy. One of the most popular varieties for Southern culture. A good producer of excellent quality garnish. Pkt. 5c and 10c; oz. 15c; ¼ lb. 25c; lb. 60c.



One Ounce Will Sow
200 Feet of Drill.

PARSNIP

For an Acre.
Five to Six Pounds

CULTURE. Sow as early in the spring as weather will permit in drills 15 inches apart in rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding as well as for table use.



Hollow Hub Parsnip.

83. Hollow Crown Sugar Parsnip, or Hollow Hub.

The best and handsomest parsnip. Half long, wedge-shaped, hollow crowned, and very broad at the shoulders, easily taken out of the ground, and producing more tons to the acre than the longer and thin varieties. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25.

Guernsey. A greatly improved strain. Hollow crown, very smooth. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25.

PEAS

One and One-Half Bushels
to the Acre.

One Quart Will Plant
100 Feet of Drill.

CULTURE. Peas mature earliest in light, rich soil. For general crop use a rich, deep loam or inclining to clay is best. When grown in garden sow in double rows 6 to 8 inches apart; the rows 2 to 4 feet apart. Commence sowing the extra early varieties as early as the ground can be worked in February or March; transplant for a succession every two weeks until June, then discontinue until the middle of August, when a good crop may be secured by sowing extra early and early sorts for fall use. They should be kept clean and earthed up twice during the growth. The wrinkled varieties are not as hardy as the small, round sort, and if planted early should have a dry soil or they are liable to rot in the ground. They are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited for small gardens. For mailing see Parcel Post Rates, page 2. One quart weighs about 2 pounds.

Extra Early Dwarf Varieties

Early Bird. (SPECIALTY, see page 5.) Bolgiano's New Early Large Pod Pea. A very early, hardy,

large podded, 2 to 2½-foot pea. Can be pulled as early as Pilot with pods double the size. A robust grower, heavy yielding, 9 to 10 peas in a pod. Can be sown with safety as soon as the ground can be worked. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.50.

Laxtonian. This handsome new wrinkled pea is the largest podded of the dwarf varieties on our list. The beautiful dark green pods are similar to Gradus in shape and splendid quality; are very nearly as large in size and mature a little earlier. The vines are vigorous, productive, averaging 15 to 18 inches high, foliage dark green; pods about 4 inches in length. Seed light green, large, wrinkled, flattened, irregular in shape. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.85; bushel, \$10.50.

Little Marvel. Vines of dwarf even growth, averaging 15 inches in height. Heavily set with fine pods and frequently borne in pairs. Ready for table fully as early as American Wonder; vines are larger and produce a much heavier crop. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.85; bushel, \$10.50.

Bolgiano's 100% Profit Peas. Only grows 1 foot high, but quickly produces an abundance of immense beautiful deep green pods, filled with large delicious peas. "100% Profit" Peas are much earlier, dwarfer, more prolific, deeper green color, and more delicious in flavor than either the Thomas Laxton or the Gradus Pea. Will make a lot of money quickly for the market gardener and shippers to Northern markets. As a pea for the home garden it is beyond description. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.85; bushel, \$10.50.

Nott's Excelsior. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.75; bushel, \$10.00.

FOR ECONOMY'S SAKE
Order Our Special Collections
They are on page 42.

Premium Gem. This variety is nearly as early as the American Wonder, and the vine is decidedly larger, growing from 12 to 16 inches, and bearing an immense crop of peas which are larger and invariably filled with peas of best quality. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.60; bushel, \$9.50.

American Wonder. This variety stands unrivaled in point of productiveness, flavor and quality, and is without exception the earliest wrinkled pea in cultivation. It is of dwarf and robust habit, growing from 10 to 15 inches high, and produces a profusion of good-sized and well-filled pods of finest flavor. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.60; bushel, \$9.50.

McLean's Little Gem. Very early, prolific, delicious flavor. Height 1¼ feet. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.75; bushel, \$10.00.

Extra Early Varieties

Early Springtime Peas. (SPECIALTY, see p. 5.) Introduced by us four years ago.

It is long podded with large peas, fine quality, abundant cropper. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.00.

Bolgiano's Extra Early Triumph. The earliest of all; uniform and productive. The success of our Extra Early Triumph Peas has been surprising. Large truckers have found it most satisfactory. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$8.50.

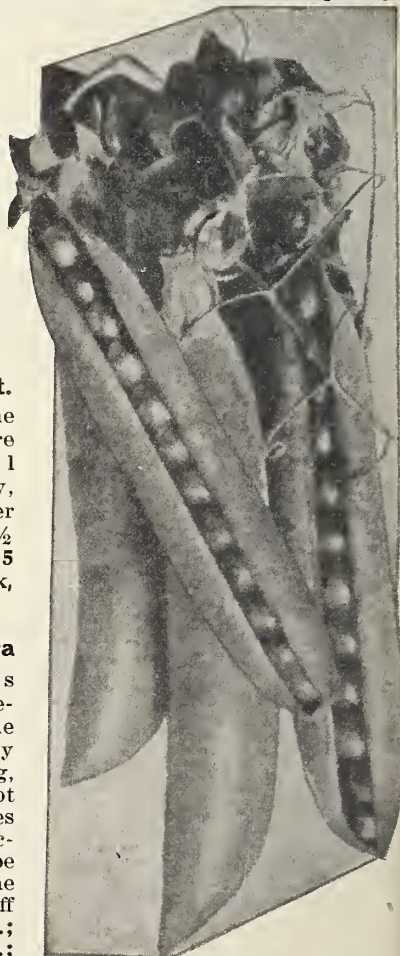
Extra Early Alaska. The earliest of all smooth green peas, having the best color when shelled and the best quality when cooked. The dark green color of the pods make it extremely desirable, as it can be carried long distances without losing its color, which quality, combined with its earliness and uniformity of ripening, make it one of the best early peas for market gardeners. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; pk. \$2.25; bushel, \$8.00.

Prolific Early Market.

Not quite so early as the Pedigree, but much more productive. Beautiful large pods, fine quality, one of the best peas ever introduced. Height 2½ feet. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bushel, \$8.00.

Wonderful Extra

Early. This pea has proven itself to be a decided acquisition to the list of peas. It is as early as the Alaska; bears long, well-filled pods. While not a wrinkled pea, it takes somewhat of the character of these. It can be planted as early as the Alaska — vines grow stiff and upright. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.60; bushel, \$9.



Laxtonian Peas.

Money for postage must be included with all mail orders for Peas unless shipped by express.

PEAS—Extra Early Varieties

Extremely Early Long-Podded Alaska. An entirely new, vigorous, handsome, long-podded, delicious flavored Alaska pea. Bound to become extremely popular, for it has all the good qualities of our Famous Extra Early Alaska Pea, and in addition it has a well-filled long pod, which will fill the basket quickly, and while it is not a distinctly sugar pea, yet it has a much sweeter flavor than the Alaska. It is abundant yielder. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; 4 qts. \$1.40; peck, \$2.60; bushel, \$9.50.

Pilot Peas. As early as the best selected, small and smooth seeded extra early varieties. The pods and peas are nearly as large as those of the Gradus and are produced three days earlier. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.85; bushel, \$10.50.

Extra Early Gradus or Prosperity Peas. The very best extra early wrinkled pea ever introduced. It produces pods equal in size to the well-known Telephone. Quality and productiveness equal to that well-known variety. The vines are of vigorous, robust growth about 2½ feet high, thick stems and luxuriant foliage; it bears large, handsome pods with immense luscious peas, remaining sweet and tender a long time after they are fit to pick. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gallon, \$1.50; peck, \$2.85; bushel, \$10.50.

Extra Early Thomas Laxton. An extra early wrinkled marrow of excellent quality, and a valuable addition to the very early varieties. It is three feet high and somewhat more vigorous in habit than Prosperity. The pods are medium to large, blunt-ended and filled to the tip with large peas of true, rich "marrow" flavor. Its strong vine and heavy cropping character make it very suitable for an early crop in the private garden. It may be used to great advantage as an immediate successor to Gradus. If sown together, Thomas Laxton will be in full production just as the crop of Gradus is diminishing. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gallon, \$1.50; peck, \$2.85; bushel, \$10.50.

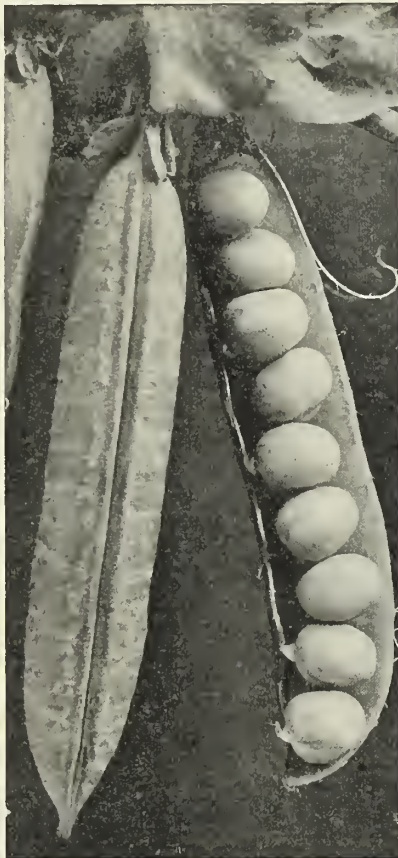
First and Best. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bushel, \$8.00.

Ameer. Fine podded Extra Early; prolific. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.60; bushel, \$9.00.

Bountiful. Bears an abundance of beautiful green pods, crowded with delicious peas. Extremely early. Height 2½ feet. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Early Morning Star. Very early; fine crop. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bushel, \$8.50.

Pedigree Extra Early. Select of First and Best. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; pk. \$2.25; bus. \$8.50.



Long Podded Alaska Peas.

Second Early or General Crop

Bolgiano's New Victory Pea. (SPECIALTY, see p. 5.)

When we first obtained this remarkable pea we had only a few vines with which to start, and we saw at once it was the pea market gardeners are longing for. The vines are deep dark green in color, very luxuriant in appearance. Pods 5½ to 6 inches long, filled with beautiful deep dark green peas of large size and most delicious flavor. The pods retain their deep dark green color long after picking. Its heartiness and fine delicious flavor will make it a favorite with the home gardeners. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.50.

Telephone. A wrinkled variety of very robust habit and a great bearer. A single vine produces from 8 to 10 unusually long, well-filled pods of largest size, containing 10 to 11 peas. It is very productive, of fine flavor and an excellent table variety. Height about 4 feet. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gal. \$1.60; pk. \$3.00; bus. \$11.

Cracker Jack Pea. A wonderful yielder with robust, hardy vines that withstand the summer heat long after other varieties are dried up. It has an abundance of large dark green pods. Ready for the market just as Wonder Worker is over. As a good heat resister it is the pea that market gardeners have been looking for, and is truly a "Cracker Jack." Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.00.

Horsford's Market-Garden. Very prolific. Pt. 25 cts.; qt. 40 cts.; peck, \$2.35; bushel, \$8.50.

Champion of England. A well-known standard. Pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Alderman. Tall, vigorously productive. Pt. 25 cts.; qt. 45 cts.; peck, \$3.00; bushel, \$11.00.

Duke of Albany. One of the largest podded peas; very productive. Pt. 25 cts.; qt. 45 cts.; pk. \$2.85; bus. \$10.50.

Juno (Dwarf Champion). Late; large pods; prolific. Pt. 25 cts.; qt. 45 cts.; peck, \$2.40; bushel, \$9.50.

Each of the five varieties above, 10 cts. per pkt.

Improved Stratagem. The pods are of immense size and uniformly filled with very large, dark green peas of the finest quality. All the good qualities of the old Stratagem are highly developed, and it is superior to the stock now generally sold as Stratagem. Vine medium height, but very stocky, with very broad, light green leaves and bearing an abundance of large, handsome pods. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.75; bushel, \$10.00.

Wonder Worker (Bolgiano's Earliest Wrinkled Pea).

The most delicious pea you have ever eaten. Six weeks from planting, this wonderful large wrinkled pea can be marketed. In earliness, great size and excellent flavor it is unequalled. The vines grow 2½ feet high, and are very hardy, resisting pests and cold weather. It bears an abundance of large, even, deep green pods. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$3.00; bushel, \$11.00.

Everbearing. A long time in bearing. Peas large, pods long; 1½ feet high. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.75; bushel, \$10.00.

PEAS—Edible-Podded or Sugar

Melting Sugar. Grows to height of 5 feet; bears a profusion of large, broad pods, which are so brittle they snap without any string. Should be used in much the same way as a wax bean. Pods when cooked are very sweet and tender. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gallon, \$1.50; peck, \$2.75.

Money for postage must be included with all mail orders for Peas unless shipped by express.

PEPPER

One Ounce Will Produce
About 1,500 Plants.

CULTURE. Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild sweet varieties, like Sweet Mountain, Bull Nose and Ruby King, are used for Mangoes, while the small-fruited sorts are best for sauces. Sow in hotbeds in March or April or sheltered border in May; when the season is favorable transplant in rows 2 feet apart and 18 ins. in the row, in good, rich, mellow ground.

34. Ruby King.

An improved American variety, reaching the largest size, often 4 to 6 ins. in length and 3½ to 4 ins. thick, yet retaining the symmetrical shape of the smaller size. Very bright colored and the flesh is sweet and mild-flavored.

Ruby
King.

Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.00; lb. \$3.50.

14. Chinese Giant. This monstrous fruiting variety averages 12 to 15 inches in circumference and, notwithstanding its immense size, it is very early and prolific. The stocky, well-branched plants, about 2 feet high, carry so many peppers that in places they seem bunched together. The flesh is thick, tender, mild, sweet and unexcelled when sliced or for stuffing for "mangoes." When ripe the surface is of a brilliant, varnished scarlet. Pkt. 5 and 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$4.50.

25. Bell, or Eull Nose. Produces a very large-sized pepper, which is highly esteemed for pickling. Flesh is sometimes quite hot in flavor. Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. \$3.00.

"Scarlet Mammoth" Pepper. The largest, earliest maturing and most productive, very large, sweet Pepper. The plant is vigorous and upright, growing larger than that of the Chinese Giant and produces much more fruit. The fruits ripen earlier than any of the very large sorts on the market, and average heavier, as the flesh is unusually thick. Color deep crimson when matured; flavor very mild. Pkt. 5 and 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$4.50.

4. Long Red Cayenne. A long red variety, very hot, and is generally used for seasoning soups. Pkt. 5 and 10 cts.; oz. 30 cts.; ¼ lb. 85 cts.; lb. \$3.00.

12. Sweet Mountain. Fruit sweet and very large, often 6 inches or more in length by 2 inches in diameter; very smooth. Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.00; lb. \$3.50.

17. Red Chili. They are pointed like the Cayenne, but not so long nor so thick, and are exceedingly pungent when ripe. Requires a long, warm season. The plants should be started early in a hotbed. Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.00; lb. \$3.50.

35. Royal King. An improved Ruby King, four lobed, bright color, mild and sweet. This variety, to our minds, far surpasses any recent types on the market. Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.00; lb. \$3.50.

183. Pimento. Undoubtedly the thickest fleshed of all peppers. The peppers are of just the right size, measuring about 3½ inches long by 2¼ inches across the stem, being decidedly conical in shape, and are of a rich bright scarlet color. The meat or flesh is tender and sweet. Pkt. 5 and 10 cts.; oz. 30 cts.; ¼ lb. 85 cts.; lb. \$3.00.

Hills, Eight
Feet Apart.

PUMPKIN

Two Pounds
to the Acre.

CULTURE. May be planted middle of spring, among the Indian corn or in the field or garden, in hills 8 to 10 feet apart each way, four seeds in a hill. In other respects they are cultivated in the same manner as melons and cucumbers. Avoid planting them near other varieties.

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. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

126. Large Sweet Cheese. A most popular variety; fruit flattened; skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick and tender. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

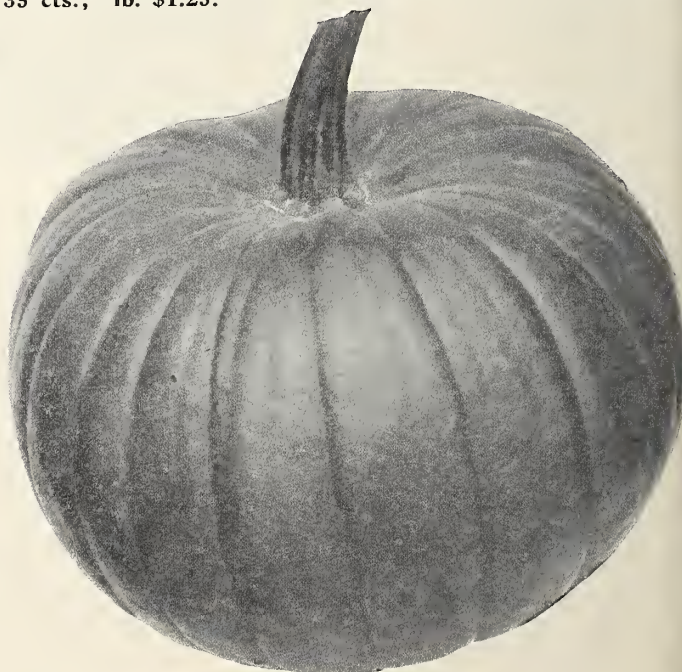
C36. Sweet Potato. The finest variety for table use. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

158. Connecticut Field, or Large Yellow. The common field variety. Excellent for feeding. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

Kentucky Large Field. Flat, fine for pumpkin pies, winter, etc. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60c.

75. Yellow Winter Crookneck. Fruits are about 2 ft. long, with solid, meaty, curvy neck. Seed located in bulb-like end; color solid yellow. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25.

C20. Green Striped Cushaw. Fruits very large, with crooked neck. Color creamy white, irregularly striped or traced with green. Flesh light yellow, very thick, rather coarse but sweet. This sort is very productive and popular in some sections. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25.



Small Sugar Pumpkin.

C59. Small Sugar. A very handsome little pumpkin with deep orange-colored skin and flesh of usually fine, sugary flavor; fine-grained, very productive, and keeps well. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

MAINE SEED POTATOES

WRITE FOR SPECIAL PRICES

The HOULTON (MAINE) SEED POTATOES are universally acknowledged to be the best; grown in the cold North, where Nature conspires against all but the strongest, we get our best seed. For earliness and productiveness we are convinced that Maine-grown seed are the best, and, in the long run, cheapest. Why not take the same care in selecting your seed potatoes as you would your cabbage? Our stocks have been grown for seed purposes, and are carefully selected for yield and purity. Get our prices before you buy. Several have told us that seed gotten from our house yields from 20% to 25% more than seed saved by themselves.

If shipments are requested during severe cold weather, the tubers travel solely at purchaser's risk.

Trust Buster (Bolgiano's new extra early seed potato). The great success of this new potato is assured from the wonderful reports we have received the last few years. It is not only early, but it is a heavy producer of potatoes of the very finest texture and quality. These potatoes are uniform in size, color, and fine flavor. They are quickly prepared for cooking, as the skin peels readily and they cook dry and mealy.

Irish Cobbler. The most popular of the early varieties. Of handsome cream white color and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly, and is a good keeper.

Houlton Early Rose. This is a popular potato; very early; fine quality, and very productive.

XX Early, or Early Ohio. This is a potato that comes to us very highly recommended—one of the finest, practically free from blight; rose color; productive.

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.

"Prosperity" (the best second early and main crop potato). Yields great crops of even, fine, smooth, large potatoes, even under the most unfavorable circumstances, and can be relied upon to bring in good money. The flesh is as white as snow, and cooks dry and mealy. The eyes are even with the surface, the skin white, with rich, yellowish-creamy cast, and considerably ruffled or netted.

Green Mountain, or State of Maine. The best main crop potato now on the market; fine yielder; fine flavor; fine appearance. Free from blight and rot. Keeps well, and is always ready for the table.

Spalding. Earliest Rose White in the world; good cropper; fine appearance.

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

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

Early Round Six Weeks. Ready for table in six weeks.

Ensign Bagley, or White Rose. An excellent cropper, smooth, not susceptible to disease.

Plucky Baltimore. Snowy white, about the size and shape of the Houlton Early Rose. They are enormously productive, yielding as much as 250 to 350 bushels per acre of most attractive, marketable potatoes.



Trust Buster Potatoes.

Gray's Mortgage Lifter. It is an early variety, pure white, large handsome size, distinctive in shape, being long, well filled and tapering at both ends. Eyes are strong and well set, not too deeply, however. It certainly is a beauty.

McCormick. Should be planted in July and early in August. It is one of the heaviest yielders.

SWEET POTATO ROOTS

CULTURE. Don't wait for a rain or a "season" to set out sweet potato plants. Harrow your ground well before laying it off, then throw up the ridges higher than you want them, and if the soil is very dry allow 2 to 3 days for the moisture to rise; then knock off the top of the ridge just ahead of planting; make a mud batter with water and clay loam, or, better, with the addition of fresh cow dung, about as thick as cream; dip the plants, in hands of about 20, into this, so that a large quantity of the mud clings to them.

Big Stem Sweet Potatoes. They are of fine size, and the yield has astonished our most critical trade. They make only a very few, and in some cases no small roots. The quality is first-class.

Jersey Sweet Potatoes. Are too well known to require any description. We get these from reliable growers in New Jersey.

Sweet Potato Plants. Rooted slips ready in May. The young plants should be set in May and June.

WRITE FOR SPECIAL PRICES

6 Ounces of Seed will
Plant 100 - Yard Row.

RADISH

Eight to Twelve
Lbs. to the Acre.

Radishes are one of the most popular spring and summer vegetables, and it is easy by successive sowings to have a generous supply throughout the entire season.

We have divided the varieties into four classes, and call attention especially to the long-rooted sorts which remain in condition a long time before becoming pithy.

Suggest that you try the White Chinese Winter, sowing the seed the same time as recommended for turnips.



Scarlet Globe Radish.

Extra Early Round Varieties

79. Bolgiano's No. 2 Scarlet Globe Radish. Is the very best in every way. It is handsome in form and color, beautiful oval and rich scarlet. The amount of its foliage is small, compared with other varieties, and small for the size of the radish. The peculiar merit of this variety as a forcing radish is that it will bear the heat requisite for forcing without becoming pithy or spongy. The flesh is tender, juicy and mild. It is equally as good for open garden as for forcing, and therefore it commends itself equally to the amateur and market gardener. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

37. Vick's Scarlet Globe. A forcing radish. Small foliage; quick in growth; fine color and remains solid under all conditions. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

188. Model White Box. An early variety, very popular with market gardeners. Radishes grow 1 and $1\frac{1}{2}$ inches in diameter, with pure paper-white skin; crisp, mild flesh. Largely planted in the field for the earliest market crop. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

A79. "Strawberry" Radish. A delicious, crisp, brilliant red radish. The very earliest, often ready for market in less than three weeks. It is a perfect globe shape, and so uniform that all the radishes look like they have been made in the same mold. If you have a home garden or if you grow for market, nothing will please you more or give you quicker returns for your efforts than this beautiful radish. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

CULTURE.

Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make quick and tender growth. Sow for very early use in hotbeds during the winter and early spring, or later on in sheltered borders in well-manured, deeply-dug and finely-raked soil. If not well stimulated into a rapid growth they become fibrous and tough. Sow in drills 10 inches apart and thin to 2 inches in the rows. Sow at intervals of 2 or 3 weeks until September for a succession. Sow winter varieties in July and August. Like the turnips, they make the best growth in the autumn, and must be taken out before severe frost and stored a way in a cool cellar in sand or in a pit where they will keep tender and crisp all the winter. Before using put in cold water, which adds to their freshness.

91. Scarlet Turnip White-Tip Radish. Nature almost exhausted itself in making this beautiful radish to ornament the private table and embellish the market stall. It has been brought to our market two weeks after planting, and always is a very early crop for frames and for open ground culture. Some gardeners use it in 100-pound lots. It is annually grown more and more, and in demand everywhere. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.



Scarlet Turnip White Tip Radish.

193. Crimson Giant.

This new radish is an entirely new type and differs radically from all the varieties hitherto in cultivation, in so far as its roots attain more than double the size of those of other turnip varieties, without getting pithy or hollow. This giant radish develops roots of 6 to 7 inches in circumference and over an ounce in weight, their pure white flesh remaining firm and crisp and of the mildest flavor, but notwithstanding the extraordinary size and weight of the roots. The seed should be sown very thinly to permit full development of the roots. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

A91. Rosy Gem. Everybody wants this pretty, crisp, tasty little French radish, so showy with its brilliant cardinal red, contrasted with its immaculate white. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

Bolgiano's Round Scarlet Globe Radish. Rich scarlet color, faultless shape, matures in 20 days. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

10. Scarlet Olive-Shaped. This radish, olive shaped, has a distinct, bright-scarlet color. The whole crop maturing at one time makes it very desirable. It is among the best shippers. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

C47. French Breakfast. Elongated olive-shaped roots; color bright carmine with base of root and top root clear white. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

Early Long Varieties

74. Bolgiano's Early Long Red Glass. Quick growth, small top, bright color. The best forcing radish. This brilliant, uniform radish is not so large as the Long Scarlet Radish, but is similar in form and holds its size without losing its nice proportion. Market gardeners find it satisfies the market demands, and sells better than many other long radishes. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 75 cts.

95. Long Bright Scarlet, or Cardinal. Extra early, the roots being fit for use about 25 days after sowing; very bright color; quite unique; being the most fiery scarlet in any kind of radish. It is very slightly tipped with white, the flesh is crisp and tender. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

RADISH

Early Long Varieties



White Icicle Radish.

137. White Icicle. (See illustration.) A long radish, transparent white, small top, allowing close planting, and are very crisp and brittle. The Radishes remain in good condition for a long time while growing, allowing continuous use from one planting. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

123. Improved Early Long Scarlet Short Top. This improved strain of the Long Scarlet Radish is regarded by our most extensive gardeners to be the finest stock grown; for earliness, brilliancy of color and shortness of top, it cannot be surpassed, and it is the most profitable one to grow for an early crop. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

59. Cincinnati Market. This fine strain of the Long Scarlet Short-Top Radish has been selected for thirty years. The tops are so small that the radishes may stand touching each other in the rows. They grow perfectly straight and smooth and from 6 to 7 inches in length; and the flesh crisp and brittle and of delightfully pungent flavor. Equally as good for the open ground. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

104. White Vienna, or Lady Finger. A fine long white variety. The flavor is mild and sweet. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

Summer and Autumn Varieties

These summer radishes attain a larger size and remain in good condition for a longer length of time than do any of the earlier round and long varieties.

118. White Strasburg.

Of handsome oblong shape, tapering beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender and of a delightful, pungent taste. It can be pulled five weeks from time of sowing the seed, yet it will continue to grow without losing its fine quality, and remains in a tender condition longer than any other summer sort. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.



White Strasburg Radish.

113. Chartier. Long, red radish with a white tip. Beautiful for bunching. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

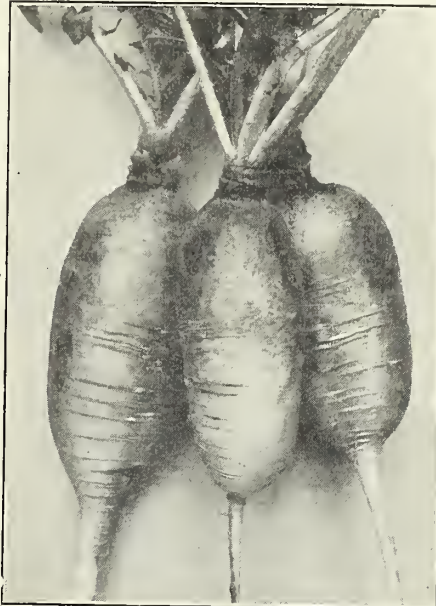
Summer and Autumn Varieties

114. Golden Globe Summer. Of globular form and yellow color. A splendid addition to the radish family. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

Winter Varieties

The seed should not be sown until about July 1st, and if the rows are kept well cultivated the roots continue to make growth until early in the fall.

78. White Chinese, or California Mammoth. As solid



China Rose Radish.

and juicy as an apple, pure white flesh and delicious flavor—a very choice variety. Should be sown in June and July, and is ready for use when 3 ins. long, and continues to grow until it is 6 ins. long. A first-class winter radish and always attracts favorable comment at the market stall. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

196. Round Black Spanish. Roots are round, sometimes top-shaped. Good keeper. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

C29. Long Black Spanish. One of the latest and hardest radishes. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

157. China Rose, or Scarlet China. One of the most popular fall and winter sorts. Roots about 6 inches long. Skin smooth and of a bright rose color. Flesh very firm and crisp. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

RHUBARB

One Ounce of Seed Produces
500 Plants.

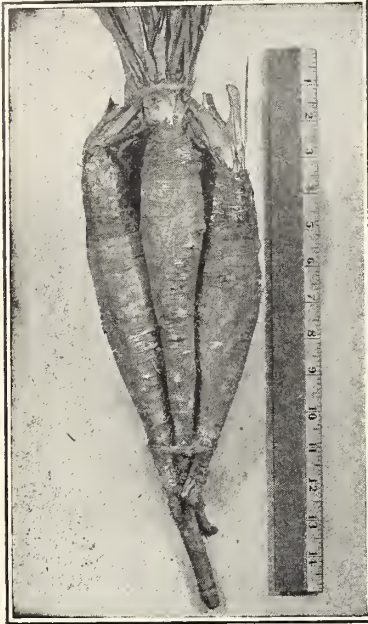
C42. Victoria. Very familiarly known as the Pie Plant. The foot stalk is the portion that is used and is the first vegetable of the season from the garden; cultivated to a great extent and is indispensable wherever it is known. Sow the seed early in the spring in rows 1 foot apart on rich ground; the second year after planting they can be removed in autumn to the permanent spot allotted to them; plant the roots 2 feet apart each way in ground that is well enriched, at least 2 feet deep. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00. Roots, \$1.00 per dozen—add 25 cts. per dozen if sent by mail; \$7.00 per 100. Express collect.



Rhubarb.

SALSIFY, or OYSTER PLANT

One Ounce for 50 Feet of Drill; 10 Pounds to an Acre.



Salsify or Vegetable Oyster.

10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$1.75.

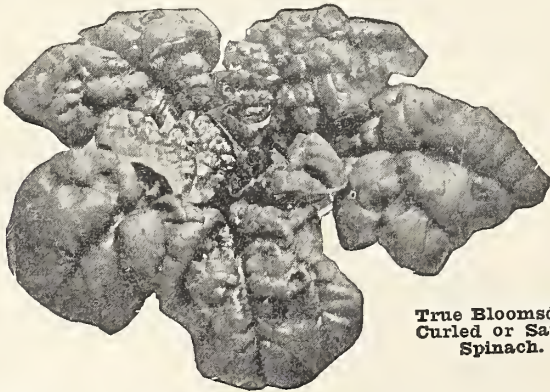
Bolgiano's Great Giant. By far the largest, smoothest, most tender salsify ever sold to the trucker. Its delicious flavor and attractive appearance bring the buyers and holds their trade. It easily outsells every other salsify, and outyields all other varieties. Truckers who have tried the "Great Giant" say it is ideal. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$1.75.

15 to 20 Lbs. in
Drills an Acre.

SPINACH

Two Ounces for
100 Feet of Drill.

CULTURE. This is an important market gardener's crop, of easy culture. For spring and summer use sow either broadcast or in drills 1 foot apart and 1 inch deep as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves.



True Bloomsdale
Curled or Savoy
Spinach.

Bolgiano's Selected Bloomsdale Savoy. A mammoth seeded selection that possesses a vitality and vigor of growth and far outyields any other variety. After many years of tireless effort at breeding we are pleased to be able to offer a limited quantity of this improvement on the old standby. So we would advise your early orders, for when our stock gives out, you will have to wait until our new crop is harvested. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 40 cts.

SPINACH

Curled Long Season. A spinach that is curled like the old standard sort, the Bloomsdale Savoy Spinach, yet much more vigorous in growth, large and very handsome. It stands the hot summer heat, and yet has tender leaves. It is positively the best spinach to be grown in the spring and summer. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 15 cts.; lb. 35c.

True Bloomsdale Curled Savoy. Its growth is rapid and leaf is properly curled, which gives it a very attractive appearance. It is the favorite with the largest growers. Pkt. 5 and 10 cts.; $\frac{1}{4}$ lb. 15 cts.; lb. 30 cts.

Improved Curled Long-Standing. The foliage is heavy, the broad, dark green leaves are of the finest quality. It is in prime condition from two weeks to three weeks after other varieties of spinach have run to seed. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 15 cts.; lb. 30 cts.

Monstrous, or Viroflay. A valuable variety has large, round, thick leaves. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 15 cts.; lb. 35 cts.

New Victoria Spinach. The foliage is heavy, the broad dark green leaves are of the very finest quality. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 15 cts.; lb. 30 cts.

Spring Spinach.

The most valuable for spring sowing. Its long-standing quality makes it the best for that purpose. The foliage is very attractive heavy dark green, curled leaves, of the true Savoy appearance. It will stand from 2 to 3 weeks after other varieties of spinach have shot to seed. It can be planted all spring and summer with surety of making a crop. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 15 cts.; lb. 35 cts.



New Zealand Spinach.

C51. New Zealand (Tetragonia expansa). This is very different in character of growth, and when started early in the spring the plants will resist hot weather and produce right up until hard freezing weather sets in an abundance of thick, fleshy succulent leaves. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

TOBACCO

Choice Selected Seed

6. CONNECTICUT SEED LEAF. Well-known standard variety. Pkt. 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

184. HAVANA. Grown from imported seed. Pkt. 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

169. IMPROVED WHITE BURLEY. A most popular variety. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

182. PENNSYLVANIA SEED LEAF. The variety which is so largely planted in Lancaster County, Pennsylvania. Pkt. 5 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.10; lb. \$4.00.

To the Acre: 2 to 3 lbs., Large Seeded kinds. Bush kinds, 3 to 4 lbs.

SQUASH

1 oz. Bush Varieties for 40 Hills. Large Seeded Varieties, 1 oz. 15 Hills.

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.

There are two kinds of squashes—one for summer use for cooking in the tender green state, and the other for storing for winter use.

Owing to the high cost of meat, one should arrange for a bountiful supply of both the Summer and Winter varieties, as the former may be fried and served like egg-plant and the latter are very palatable when stewed and served alone or made into pies.



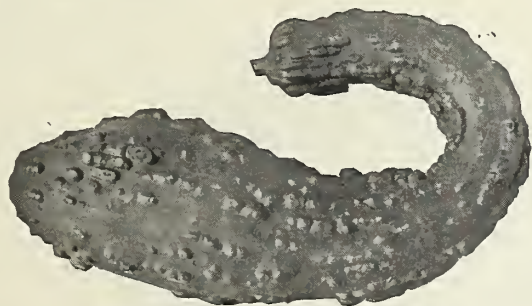
Farr's Benning White Bush.

82. Farr's Benning White Bush. It is with great satisfaction that we can continue to offer this unrivaled Squash. For the past twenty-five years this stock has furnished the earliest squash to come on our market. In productiveness also it excells other varieties, being an exceptionally heavy cropper. The color is a beautiful green tinted white possessed by no other variety. The flavor is delicious, having few small seeds and is an excellent cooker. The strain which we offer is that originated by Mr. N. E. Farr and has been grown under our own supervision so as to constantly maintain and improve the quality. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50.

208. Bolgiano's Extra Early Dawn. It is earlier than the majority of the other stocks of White Bush Squash, and commands the first Fancy Prices of the earliest market. It is very productive, and the clear white color is entirely free from any green cast. Fruits are solid and heavy, with small seed cavity, making excellent shipper. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

A111. New Extra Early Jersey White Bush. An extra early strain of the White Bush. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

247. Golden Custard, or Yellow Bush Mammoth. A very early, flat, scalloped variety of largest size; skin a deep orange; flesh pale yellow and well flavored. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.



Early Yellow Summer Crookneck.

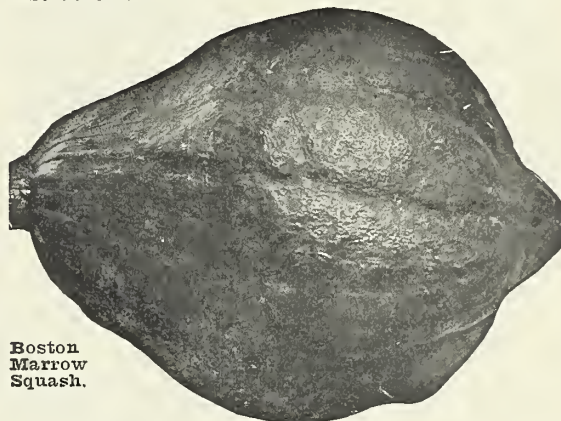
159. Early Yellow Summer Crookneck. A desirable table sort, very early and productive—fruits when matured small crooknecked and covered with warty excrescences. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

111. Early White Bush Scalloped, or Patty Pan. This is the earliest; grown almost exclusively for the first crop. The rind is hard texture, which makes it suitable for shipping and it is exclusively grown in the South for that purpose. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

O16. Italian Vegetable Marrow. Fine grained flesh of excellent flavor. Fruits large, oblong shaped, dark green at first, but as they mature become marbled with yellow and lighter green stripes. The young fruits may be fried in oil. Fine grained, tender and of excellent flavor. Pkt. 5 and 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00, postpaid.

Winter Squash

40. Early Prolific Orange Marrow. A comparatively new fall or winter variety. It is shaped somewhat like the Boston Marrow, but it is a decided improvement on it, being much earlier and more productive. These characteristics will commend this variety to market gardeners while its brilliant orange-red color and fine keeping and cooking qualities make it popular with the customer. The rind is very hard, but thin, and the flesh deep, fine grained, and of delicate quality. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 80 cts.



Boston Marrow Squash.

203. Fordhook. This may be grown for Summer or Winter use. It is of strong, vigorous growth and extremely productive. The fruits measure 8 to 10 inches long, have ridged smooth thin brownish-yellow skin; flesh is thick and of a light yellow color. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

239. Chicago Warty Hubbard. A superior strain of mammoth size with skin heavily warted. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

152. Hubbard. A superior variety and one of the best winter keepers; flesh bright orange-yellow, fine grained, very dry, sweet and rich flavored. Bakes very dry, equally as dry as the Sweet Potato. Our stock is the very best, and we don't hesitate to recommend it to the most critical planter. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

75. Winter Crookneck. Flesh red, fine flavor, largely grown for winter use. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

96. Boston Marrow. A splendid winter squash of good keeping qualities. Flesh bright orange, fine grain, and unsurpassed. It is oval-shaped, and thin skin of bright orange color. For pies it is equal to the best pumpkins. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 80 cts.

We Prepay Postage
on All Tomato Seed.

TOMATO

6 to 8 Ozs. to an Acre;
1 Ounce to 1,500 Plants.

Tomatoes represent another important member of the vegetable family. Every garden should have at least one dozen plants, and more if space will allow, as any surplus fruit may easily be canned. Do not overlook the small-fruited sorts—these make delicious tomato butter.

CULTURE. The seed may be started in hotbed in March, or sufficient plants for family use can be grown in pots or boxes indoors with very little trouble. Be particular to give plants the benefit of fresh air and sun whenever judicious, for the purpose of hardening them, and cover with mats when necessary to prevent them from frosting. The two extremes of heat and cold are equally injurious. It is customary with the best gardeners to remove the plants from hotbeds to the cold frames, allowing a distance of several inches between the plants. In May select and prepare the soil and set the plants 3 feet each way. Hoe and draw earth to the stems. When the plants crowd, the fruit will be small. Have the soil very rich. For general crop sow from the middle of April or during May, in the open air, selecting good soil in a location much exposed to the sun and sheltered by a hill or woods on the north.



The Capitol Tomato.

Red Tomatoes

AC7. Bolgiano's Capitol Tomato. (SPECIALTY, see page 3.) The finest

introduction since John Baer. Early, heavy producer of deep red perfect fruit. Pkt. 25 cts.; $\frac{1}{2}$ oz. \$1.15; oz. \$2.00; $\frac{1}{4}$ lb. \$6.50; lb. \$20.00.

194. Bolgiano's "Glory" Tomato. (SPECIALTY, see page 3.) Outyields

and outsells any Tomato on the market. The yield of "Glory" Tomato is marvelous. 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. Pkt. 10 and 15 cts.; oz. 90 cts.; $\frac{1}{4}$ lb. \$2.75; lb. \$10.00.

155. "Bonny Best" Early. For ten years it has been selected for earliness, solidity, smoothness and evenness of ripening up to stem. 15 days earlier than the Beauty Tomato, and nearly as early as the Earliana. Vigorous grower; bright red color, enormously productive, with a vigorous growth of foliage which protects the fruit from being scalded by the direct sun. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

C12. I. X. L. Bolgiano's Extremely Early Tomato. Early, largest, most prolific. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

The Bolgiano
Tomato.



26. The Bolgiano Tomato. (SPECIALTY, see page 3.)

The most wonderful yielder ever known, two weeks earlier than the Earliana. First fruit as good as the prime of the season. A solid mass of red, meaty flesh. Skin tough, flesh tender and sweet. Stands long-distance shipping perfectly. Pkt. 25 cts.; $\frac{1}{2}$ oz. \$1.25; oz. \$2.25; $\frac{1}{4}$ lb. \$5; lb. \$15.

C7. Crimson Cropper. One of the earliest tomatoes ever produced, and added to this is an exceptionally heavy cropper. Thus the grower cannot only command the high prices of an early market, but has a large crop to sell at attractive figures. This tomato is deep red in color and has a solid mass of meaty flesh containing no watery seed cavities and no green cores. The tough skin, together with its long keeping qualities, help make it a splendid shipper. In the field it is not likely to be ever affected by sun scald, for the fruits are well protected by heavy foliage. This we believe to be one of the most promising varieties we have ever introduced. Pkt. 10 and 25 cts.; oz. 90 cts.; $\frac{1}{4}$ lb. \$2.75; lb. \$10.00.

212. John Baer Tomato. (SPECIALTY, see page 3.)

"John Baer" Tomato produces perfect, solid, high crown, beautiful brilliant red shipping Tomatoes in thirty days from strong plants grown in veneer bands or from potted plants if the roots are undisturbed when set out. Pkt. 5 and 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.

John Baer
Tomato.



138. Spark's Earliana.

This is a most desirable early, large, smooth tomato. Perfect as to shape, color and quality. It is beautiful red and ripens thoroughly, even to the stem end. Almost seedless and very solid. The plants bear the fruit in large clusters and continue in bearing for a long time. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.

Bolgiano's
Red Cross
Rust Resistant
Tomato.

TOMATO



Red Tomatoes

168. Red Cross Blight Resistant. (SPECIALTY, see page 3.) Its chief advantage is that the vines are resistant to both rust and wilt to a remarkable degree. It has very strong, healthy vines. Thus it becomes a more prolific bearer than other varieties, and the rich scarlet fruit continue to be borne throughout a longer season. Its beautifully shaped fruit and regularity of size particularly recommend it for the most particular market trade, while its thick, juicy meat and small sparsely seeded cavities will please the most particular appetite. As a variety for both home and commercial use, we feel it has no peer. It is medium in its season. Pkt. 10 cts.; oz. 60 cts.; $\frac{1}{4}$ lb. \$2.25; lb. \$7.50.

61. Stone. This variety is very large and of a bright scarlet color; very smooth, ripening evenly to the stem without a crack, exceedingly solid; is an excellent shipper; quality very best; fine for canning; a good keeper; without hard core; not subject to rot; its vines and foliage rank and robust. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

72. Bolgiano's "Greater Baltimore." (SPECIALTY, see page 3.) This tomato is the greatest success in growing tomatoes in late years. It is better than the "Stone" ever was. It has double the yield of many of the best cropping tomatoes you have ever grown. Smooth, well formed and deep from stem to blossom. Very heavy, due to its extreme firmness and great meatiness. Ripens evenly to the very stem; free from ridges and cracks. Fruit is large and grows in clusters. Vine sturdy in growth. Brilliant red color; the handsomest fruit possible to get. It matures as a main crop tomato, and continues to bear through the season. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

Prosperity. The Wonder among new early tomatoes. An extremely early tomato, a brilliant red, an enormous yielder. Grown and developed from single plant, selections covering a period of five years, filled full of strong, sturdy, healthy, new blood. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

Trophy. Very large, solid, extra selected; free from roughness of the old strains. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

217. Chalk's Early Jewel. One of the best early varieties with vigorous vines producing many deep scarlet, smooth fruits of large size and excellent quality. They ripen early and the pickings continue through a long season. One of the best second early sorts, and on account of its large size, splendid quality and productiveness, very satisfactory for the home garden. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

A194. My Maryland. A wonderful "Double Yielding" Tomato, entirely distinct. Never before has there been a vegetable so remarkable. It is simply startling in its immense productiveness. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

C17. Livingston's Favorite. As the name implies, this variety has long been a favorite with canners and the home trade. Favorite is one of the best shaped, large, bright red tomatoes. The fruit ripens evenly, is always smooth and holds its size to the end of the season. Flesh is of good flavor and very solid. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

AC12. King of the Earlies Tomato. Large and productive; very early. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

A61. Livingston's Paragon. Bright red, round; very productive. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

8. Matchless. Flesh very solid, deep red color; uniform size. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.



Greater Baltimore Tomato.

Great Falls, S. C., April 25, 1921.

F. W. BOLGIANO & CO.,
Washington, D. C.

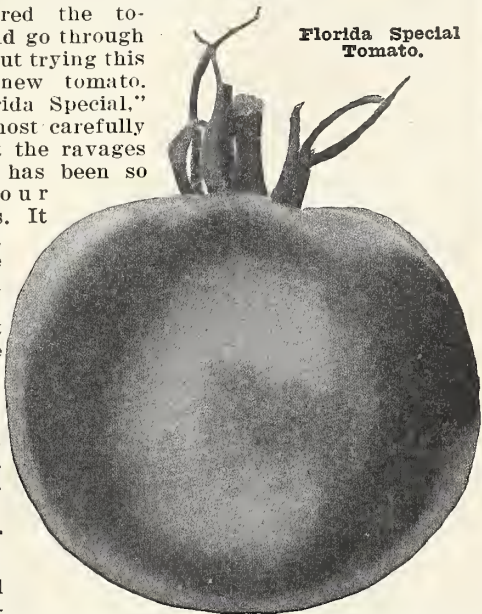
Gentlemen,—Please send me two large packages of your Red Cross Tomato Seed. I sure do like your Red Cross Tomato. I think it is the finest of all.

Yours respectfully, MRS. R. E. BOWERS.

TOMATO

Red Tomatoes

A217. Bolgiano's "Florida Special" Tomato. Not a single grower of Tomatoes in Florida or in any locality where blight has injured the tomato crops, should go through this season without trying this most excellent new tomato. We call it "Florida Special." for it has been most carefully bred up to resist the ravages of blight which has been so discouraging to our Florida customers. It is red in color, large in size, fine flavored, firm and meaty, very prolific, and about as early as the Earliana and a most excellent shipper. Pkt. 5 and 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.



Florida Special
Tomato.

Kelly Red, or Wade Tomato.

This splendid Red Tomato originated in Anne Arundel County, Md., and through its superior qualities it has become the tomato most largely used in that section. It is large, meaty, and an abundant yielder, and withstands unfavorable conditions remarkably well. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

141. Bolgiano's Best, The Great B. B. It has every good quality pertaining to the Tomato, and avoids all faults of other sorts. One of the smoothest, most solid, heaviest and most handsome tomatoes grown. The B. B. is as solid as an apple, has no core, and the flavor is excellent. It weighs more pounds per bushel than other sorts, which proves its solidity; it has a beautiful red color; the fruits are quite large. Used successfully for early and late crops. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

136. New Century Tomato. The size, yield and productiveness of this tomato is beyond question a mark that has few equals in tomatoes. It will carry for two weeks without harming its red beauty or cracking. It maintains its wonderful size during the entire season. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

222. Red Rock. One of the standard varieties of average to late season. It is one of the best croppers, producing many fruit of even size. It is remarkably smooth and has a splendid texture. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

Pink Tomatoes

44. June Pink Tomato. The pleasing color, with its splendid large size and firmness, is all that can be expected. We get our seed each season from the originator, knowing as we do that he who introduced it will take best care to see that his seed is as nearly perfect as possible. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

28. Livingston's Globe. We can hardly speak too well for this tomato; introduced in Ohio, it has gradually increased in demand until now it is one of the leaders. Large, purplish-pink, solid; comes immediately after the earliest sorts. Enormously productive. Pkt. 5 and 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.35; lb. \$5.00.

47. Bolgiano's Grand. Few introductions of late years have taken as well as this **Grand New Tomato.** It has become a standard main crop tomato. The large, smooth, pink fruit makes it the finest tomato that has come to the Washington market the past three seasons. We are sure that wherever it has once been used it will be used again. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

90. Bolgiano's Prize-Taker. Its beautiful, glossy purplish-pink color, combined with its large size, smoothness, solidity, weight and productiveness, make it the most profitable tomato grown by the market grower. It can be picked before it is ripe, and will ripen finely, making it one of the best shippers. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

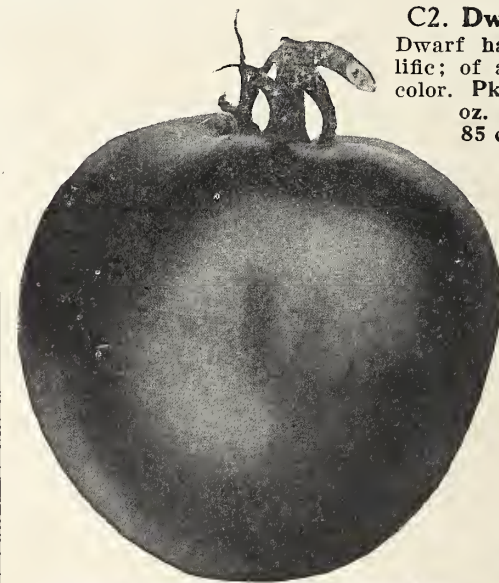
52. Livingston's Beauty. Fine, large, purplish pink. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

C24. Ponderosa. Largest tomato that grows; a decidedly family favorite; less acid than others. Pkt. 5 and 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

C22. Trucker's Favorite. A very large, purple tomato, free from crack or rot. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

151. Acme. Very early; good size; purple in color; good bearer. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

C2. Dwarf Champion. Dwarf habit, early, prolific; of a pink-purplish color. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.



Improved Livingston's Globe Tomato.

New Splendid.

A good second early tomato. While not quite as early as the June Pink, yet it has good character and is productive. The fruit is large and continues to bear well for a long time. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1; lb. \$3.50.

Yellow Tomatoes

27. Golden Queen. Large, solid, bright yellow; favorite with home gardeners; delicious flavor. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

C3. Pear-Shaped Yellow. Bright yellow, used for preserves. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

C35. Plum-Shaped Yellow. Bright yellow, used for preserves. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

207. Red Cherry. Little fruits; bright red. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00.

1 Oz. for 200 Feet Drill.

TURNIPS

2 Lbs. for the Acre.

CULTURE. They do best in highly enriched, light, sandy or gravelly soils. Commence sowing the earliest varieties in April in drills from 12 to 15 inches apart, and thin out early to 6 or 9 inches in rows. For a succession sow at intervals of a fortnight until the last week in July, from then until the end of August sowing may be made for the fall and main crop. Turnips may be preserved until spring by cutting off the tops about 1 inch from the bulb, storing in the cellar or cold shed during the winter, covering the roots with dry sand. They should be harvested before the severe frost sets in, for, though comparatively hardy, few will survive the winters of the Northern States in the open ground.

110. Purple Top White Globe. Our stock is the perfection of Turnips. It has small tops, but large, well-formed, handsome roots. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

199. Early Red, or Purple Top Strap-Leaf. A well-known standard, popular, early sort. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

C41. Early White Flat Dutch. Very popular for spring sowing; fine for market. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

84. Extra Early Milan Purple Top. Tops are very small, strap-leaf, and grow erect. Roots are small and flat; skin purple to pure white below. Flesh is clear white. It's a beauty. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

C18. Extra Early White Milan. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

62. White Egg. Is very handsome; pure white; excellent for early or late. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 20 cts.; lb. 60 cts.

C16. Golden Ball, or Orange Jelly. One of the sweetest flesh yellow Turnips yet introduced; not of large size, but firm, hard, and of excellent flavor; good keeper and superior table variety; of bright golden orange color. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

119. Yellow, or Amber Globe. Vigorous grower; fine keeper. A very desirable variety, attaining large size. The roots are rather oval-shaped, flesh orange-yellow. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

139. Yellow Aberdeen. Fine for table or cattle. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

C19. Long Cow Horn, or White French. A heavy cropper, best for stockmen. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

A234. Large White Norfolk. It is allowed to stand out during the winter in the South. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.

C15. Seven Top. Very hardy; grown for leaves, which are used for salads. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

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 grown. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 55 cts.

234. Pomeranian White Globe. Good either for table or stock; very productive. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

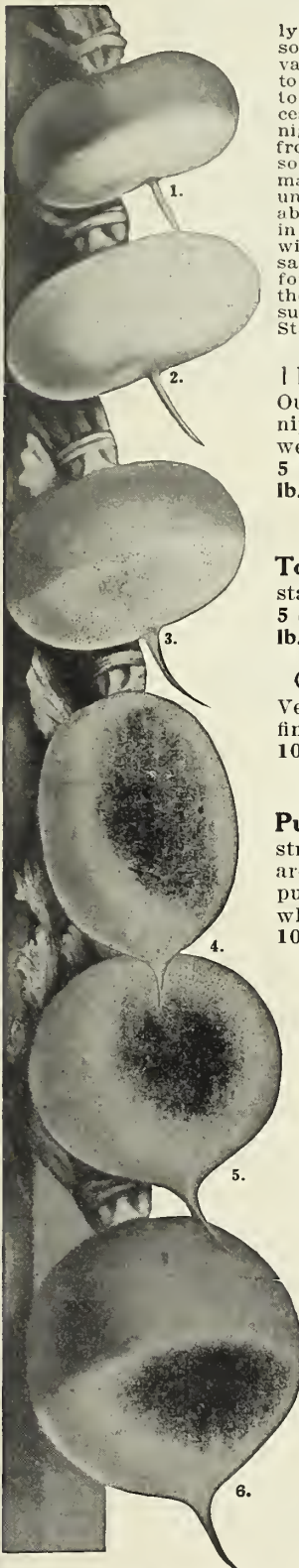
Ruta Baga, Long Island Special. This selection produces little or almost no neck at all, making it an ideal for the trucker. Excellent variety for table use. Flesh golden; very sweet, not the least bit stringy or tough. Far superior to any of the other varieties, and much nicer than the Swede Turnip. Solid and crisp until spring. Never gets pethy. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

148. Improved Purple Top Yellow Ruta-Baga. Finely bred strain. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

HERBS

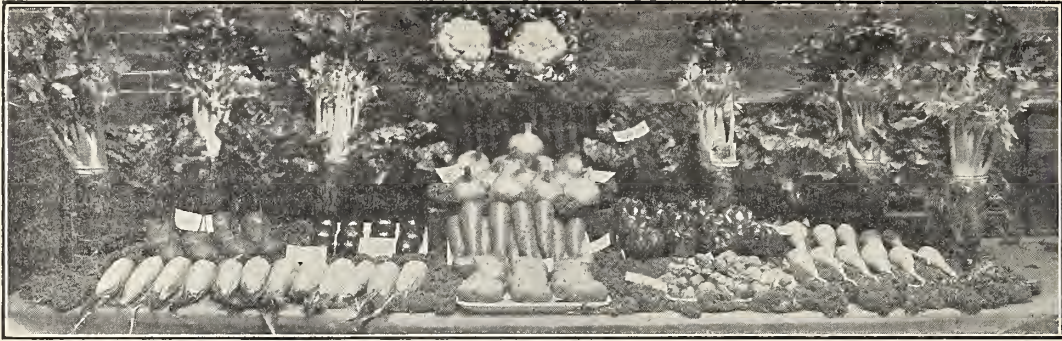
All gardens should have some space devoted to the more important Pot Herbs. A few varieties are grown solely for the seed produced, which is used for flavoring cakes, bread, confectionery, etc. The young stems and leaves of the plants used for flavoring may be gathered in the green state, or in the fall the entire plant may be pulled up and carefully placed in a dry room, and thus assure a winter's supply.

	Pkt.	Oz.	¼ lb.	Lb.
163. ANISE. Seeds used for flavor.	5c & 10c	15c	40c	1.50
5. BASIL SWEET. Culinary herb used for flavoring soups, etc.	5c & 10c	30c	85c	3.00
164. CARAWAY. Cultivated for its seeds	5c & 10c	15c	40c	1.50
16. CATNIP. Leaves are used for seasoning	5c & 10c	30c	85c	3.00
165. CORIANDER. Seeds are used for flavoring	5c & 10c	15c	40c	1.50
13. DILL. Mammoth. For sowing. Seeds used for flavoring vinegar	5c & 10c	15c	40c	1.50
16. FENNEL FLORENCE. Grown for the enlarged leaf stalks	5c & 10c	25c	85c	3.00
16. FENNEL SWEET. Leaves used in sauces	5c & 10c	25c	85c	3.00
30. LAVENDER. True. For oil and distilled water	5c & 10c	50c	1.35	5.00
9. MARJORAM. Sweet. Is used for seasoning	5c & 10c	50c	1.35	5.00
31. SAGE. Broad-leaf. A culinary herb; also used in medicine	5c & 10c	50c	1.35	5.00
19. SUMMER SAVORY	5c & 10c	25c	85c	3.00
18. THYME. Broad-leaved English. Is used as a seasoning	5c & 10c	50c	1.35	5.00



1. Early Milan Purple Top.
 2. Early White Flat Dutch.
 3. Purple Top Strap Leaf.
 4. White Egg.
 5. Golden Ball.
 6. Purple Top White Globe.

Grown
in the
Suburban
Garden
from
Bolgiano's
Seed



Grown
in the
Suburban
Garden
from
Bolgiano's
Seed

Bolgiano's Small Back Yard Garden Collection

It is surprising to know the large quantity of vegetables you can grow in your back yard. Spend your spare moments growing your own delicious vegetables. They are better than money can buy.

1 oz. Bolgiano's Superb Beet	.....15c
1 pkt. Danver Half Long Carrot	.....10c
1 pkt. Swiss Chard White Ribbed	.....10c
1 pkt. Big Boston Lettuce	.....10c
1 pkt. Scarlet Globe Radish	.....10c
1 pkt. Green Mountain Parsley	.....10c
1 pkt. New Spring Spinach	.....10c
1 pkt. Early Milan Turnip	.....10c
1 pkt. Capitol Tomato	.....10c
1 pkt. Southport White Globe Onion	.....10c
1/2 pt. Bolgiano's Stringless Bean	.....20c

\$1.25

Eleven different varieties cost buying separately \$1.25. We will mail this collection to your address for \$1.00, postpaid.

Bolgiano's Suburban Garden Collection

If you have a suburban home, a garden will profit you, always supplying plenty of fine fresh vegetables. Nothing will add to health more than working each day in your own garden—takes all the business cares away and rests the mind. Say, it is real manual exercise. It is a treat to have a garden.

1 pt. Bolgiano's Stringless Bean	.....30c
1 pt. Bolgiano's New Wax Bean	.....25c
1 pt. Bolgiano's Emerald Isle Pole Lima	.....35c
1 oz. Bolgiano's Superb Beet	.....15c
1 oz. Detroit Dark Red Beet	.....15c
1/2 pt. Bolgiano's Extra Early Harvester Corn	.....15c
1/2 pt. Stowell Evergreen Corn	.....15c
1 pkt. Early Scarlet Horn Carrot	.....10c
1 pkt. Danver Half Long Carrot	.....10c
1 pkt. All Head Early Cabbage	.....10c
1 pkt. Late Flat Dutch Cabbage	.....10c
1 oz. Swiss Chard White Ribbed	.....15c
1 pkt. Brussels Sprouts Paris Market	.....10c
1 pkt. Cauliflower Snowball	.....10c
1 pkt. Easy Blanching Celery	.....10c
1 pkt. Early Fortune Cucumber	.....10c
1 pkt. Snow Pickling Cucumber	.....10c
1 pkt. Kohl-Rabi White Vienna	.....10c
1 pkt. Long Standing Kale	.....10c
1 pkt. Endive White Curled	.....10c
1 pkt. Big Boston Lettuce	.....10c
1 pkt. Bolgiano's Masterpiece Lettuce	.....15c
1 pkt. Prize Taker Onion	.....10c
1 pkt. Southport White Globe Onion	.....10c
1 pkt. Mustard Ostrich Plume	.....10c
1 pkt. Parsley Green Mountain	.....10c
1 pkt. Ruby King Pepper	.....10c
1 pt. Bolgiano's Early Springtime Peas	.....30c
1 pt. Bolgiano's Early Bird Peas	.....35c
1 pt. American Wonder Peas	.....30c
1 oz. Scarlet Globe Radish	.....10c
1 oz. White Icicle Radish	.....10c
1 oz. Spinach New Spring	.....10c
1 pkt. Salsify Sandwich Island	.....10c
1 pkt. Farr's Benning Squash	.....10c
1 pkt. Capitol Tomato	.....25c
1 pkt. Red Cross Rust Resistant Tomato	.....10c
1 pkt. Early Milan Turnip	.....10c
1 pkt. Purple Top White Globe Turnip	.....10c

\$5.60

This is an ideal collection—39 varieties—plenty of seed to plant all during the season. We will mail this collection for \$5.00, postpaid. You save 10% ordering this way.

Bolgiano's Country Garden Collection

Many Country Gardens fail to grow the quantity and quality of vegetables they should, due often times to inferior seed.

We offer you in this collection all selected stocks that should please the most critical grower both in quality and yield.

1 qt. Bolgiano's Stringless Green Beans	.....35c
1 qt. Bolgiano's New Wax Beans	.....40c
1 qt. Bolgiano's Enormous Bush Lima	.....60c
1 qt. Bolgiano's Emerald Isle Pole Lima	.....50c
1 pt. Kentucky Wonder Pole Beans	.....30c
1 oz. Swiss Chard Lucullus	.....15c
1 oz. Brussels Sprouts Perfection	.....25c
1 oz. Bolgiano's Superb Beet	.....15c
1 oz. Crosby Egyptian Beet	.....15c
1 oz. Detroit Dark Red Beet	.....15c
1 oz. New Early Cabbage	.....25c
1 oz. Late Flat Dutch Cabbage	.....25c
1 pkt. Snowball Cauliflower	.....25c
1 pkt. Ox-Heart Carrot	.....10c
1 pkt. Danver Half Long Orange Carrot	.....10c
1 pkt. French Golden Self-Blanching Celery	.....10c
1 pkt. Easy Blanching Celery	.....10c
1 pt. Bolgiano's Extra Early Harvester Corn	.....25c
1 pt. Stowell's Evergreen Corn	.....20c
1 oz. Early Fortune Cucumber	.....15c
1 oz. Snow's Pickling Cucumber	.....15c
1 pkt. Black Beauty Egg Plant	.....10c
1 pkt. Endive White Curled	.....10c
1 pkt. Kale Long Standing	.....10c
1 oz. Big Boston Lettuce	.....15c
1 oz. Bolgiano's Masterpiece Lettuce	.....50c
1 oz. Bolgiano's Sweet Air Cantaloupe	.....25c
1 pkt. Kleckley Sweet Watermelon	.....10c
1 pkt. General Pershing Watermelon	.....10c
1 oz. Prizetaker Onion	.....20c
1 oz. White Silver Skin Onion	.....25c
1 oz. Hollow Crown Parsnip	.....15c
1 pkt. Parsley Green Mountain	.....10c
1 pkt. Sweet Mountain Peppers	.....10c
1 qt. Bolgiano's Early Springtime Peas	.....50c
1 qt. Bolgiano's Early Bird Peas	.....60c
1 qt. American Wonder Peas	.....50c
1 oz. Connecticut Pumpkin	.....15c
1 oz. Bolgiano's Scarlet Globe Radish	.....15c
1 oz. White Icicle Radish	.....15c
1 pkt. Salsify Sandwich Island	.....10c
1/4 lb. Spinach Early Spring	.....15c
1 oz. Farr's Benning Squash	.....15c
1 oz. Boston Marrow Squash	.....15c
1 oz. Capitol Tomato	.....\$1.75
1 oz. Red Cross Rust Resistant Tomato	.....70c
1 oz. Extra Early Milan Turnip	.....15c
1 oz. Purple Top White Globe Turnip	.....10c

This wonderful collection of 48 different varieties produces continuous supply of good things all during the season—buying separately would cost you \$12.05. We will mail it to your address for \$10.00. You are really buying at wholesale prices in this way, delivered.

Inoculate this Seed with FARMOGERM

FIELD SEEDS

Inoculate this Seed with FARMOGERM

WRITE FOR SPECIAL PRICES



Bolgiano's Capitol Grass and Clover Seed.

Medium Red, or June (*Trifolium pratense*). 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 grass and Timothy, 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. Sow in Spring or Fall, and if no other Grasses are used, at the rate of 8 to 12 pounds per acre; more is required on old, stiff soils than on new and lighter ones.

Mammoth, or Sapling (*Trifolium pratense perenne*). 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.

Alsike, or Hybrid (*Trifolium hybridum*). Alsike Clover grows thicker and is finer in growth than Red Clover, making better hay and probably more and better grazing. It is also harder, 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. Sow 8 pounds to the acre.

Alfalfa, or Lucerne (*Medicago sativa*). Requires deep, rich, well-drained soil. The tap root descends often to a depth of 10 to 15 feet in loose soil. It is, consequently, capable of resisting great droughts. It should be sown alone (about same time as oats are sown in this section) in thoroughly prepared, deeply plowed soil, at the rate of 20 to 25 pounds to the acre. It may also be sown as late as August and up to the middle of September in more southerly localities. The crop should be cut when the plant is coming into bloom. In suitable soil it is perennial, and several crops may be cut every year. Height, 1 to 3 feet.

Crimson, or Scarlet (*Trifolium incarnatum*). 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.

White Clover (*Trifolium repens*). Some White Clover is usually included in Lawn Grass Mixtures. It makes an excellent turf that stands constant trampling. It is of dwarf habit, spreads rapidly and is very hardy. It is valuable in permanent pastures, being sweet and nutritious. Sow in Spring. In mixtures, 1 or 2 pounds; if alone, 8 or 10 pounds to the acre. 5 lbs. 60 cts. per lb.; 10 lbs. 55 cts.

White Sweet Clover (*Melilotus alba*). Valuable sort for soiling, ensilage and bees. Grows from 3 to 5 feet high; sown in rich soil, may be cut three times; lasts for years if cut before flowering. Ten pounds to the acre.

Timothy (*Phleum pratense*). The most valuable of all the grasses for hay, especially in the North. Thrives best on moist, loamy soils of medium tenacity. It should be cut just when the blossom falls. Sow early in the spring or fall, at the rate of 12 pounds per acre, 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 bushel Meadow Fescue. Together these will produce most excellent hay, also nutritious and abundant pasture in good loamy clay or low ground soils.

Red Top (*Agrostis vulgaris*). In Pennsylvania and States farther south this is known as Herd's Grass, a name applied in New England and New York to Timothy. It is a good, permanent grass, standing our climate well, and makes a good pasture when grazed close. Is valuable for low, wet meadows, producing a large return in good hay. When sown alone, use about 12 pounds of the fancy seed per acre. Sow in spring or fall.

Orchard Grass (*Dactylis glomerata*). Desirable on account of its quick growth and valuable aftermath. It is ready for grazing in spring two weeks sooner than most grasses, and when fed off is again ready for grazing in a week, and will continue green when other grasses are withered by dry weather. It is palatable and nutritious and stock eat it greedily when green. A tendency to grow in tufts unfits it for lawns. It does better if sown with clover, and as it ripens at the same time, the mixed hay is of the best quality. If sown alone, about 28 pounds are required per acre; if sown with clover, half that quantity. Perennial and will last for years.

Kentucky Blue Grass (*Poa pratensis*). 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. 5 lbs. 35 cts. per lb.; 10 lbs. 33 cts. per lb.; bus. \$4.45.

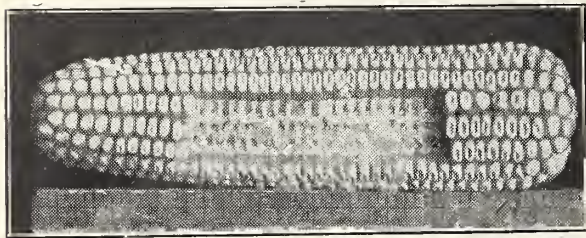
Tennessee Cultivated Golden Millet. This variety is extensively used throughout the United States, as they find it more nutritious in value for feeding. It is grown at the same time and at the same rate per acre as the common Millet. Growers once using the Tennessee Cultivated Millet will never plant any other kind. Grows more vigorous, gives a much larger yield of hay.

Perennial Rye Grass (*Lolium perenne*). A very valuable variety for permanent pasture. Succeeds well on almost any soil, but is particularly adapted to moderately moist or irrigated lands. Sow 30 to 40 pounds per acre in spring. 5 lbs. 15 cts. per lb.; 10 lbs. 12 cts. per lb.

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. When seeded in rows 18 to 20 inches apart, drill 4 to 6 pounds. When sown, 16 to 24 pounds per acre.

FIELD SEEDS—Continued

WRITE FOR SPECIAL PRICES



Bolgiano's Prosperity Yellow Corn.

YELLOW CORN

Bolgiano's Prosperity Corn.

If you really want to grow a bumper crop of beautiful Yellow Dent Corn this year, just take our advice and plant Bolgiano's "Prosperity" Corn. The fine, large, stately ears are 12 to 14 inches long, 8 to 11 inches in circumference and have from 20 to 24 uniform rows of long, large kernels, well developed over tip and butt. It is a luxuriant grower, from 12 to 15 feet high, and if planted during the first half of May, will mature before the 20th of September. For more than a score of years "Prosperity Corn" has been under the most watchful breeding and selection. **Peck, 75 cts.; bushel, \$2.50.**

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, so there is scarcely any room between the rows. Reid's Yellow Dent has been awarded more prizes at Corn shows than any other variety except "Prosperity." The ears average 8 to 10 inches long. **Matures 90 to 100 days. Pk. 60c; bus. \$2.00.**

Improved Leaming Corn.

Its extreme earliness and fine quality have made it very popular with the farmers, and especially with those in the localities where the seasons are short. It produces from 65 to 90 bushels to the acre, in accordance with the quality of the soil. The ears and grains are of medium size. **Pk. 60 cts.; bus. \$2.00.**

Mammoth Golden Beauty Corn.

Has the largest ears of any 100-day corn. It outyields many other corns. The increased yields repay the seeds many times over. Growers should make sure of getting the largest yield and most handsome grain to meet competition and secure the highest prices. Ears usually average from 9 to 12 inches long and from 20 to 30 rows on the cob, some of the stalks bearing from 2 to 3 ears. **Peck, 60 cts.; bushel, \$2.00.**

WHITE CORN

Boone County White (Pedigreed Stock).

A pure white corn on a white cob. Very deep grain, not overly wide. Rows generally 20, sometimes 22 to 24. A perfect shape. That is the striking thing about it—big, long ears, beautiful shape, perfect butts and tips, and deep grains. We believe this to be the best all-around White Corn in existence. It is a heavy yielder; has small cob and produces good-sized fodder, free from barren stalks. **Matures in 110 days. Peck, 60 cts.; bushel, \$2.00.**

"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. It yields splendid crops on light soils, and is undoubtedly the best and most productive White Field Corn for the South. **Peck, 60 cts.; bushel, \$2.00.**

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. **Peck, 60 cts.; bushel, \$2.00.**

Choice White Dent.

Long narrow grain; large fodder; very prolific; large ears, small cob. The stalks grow 7 to 8 feet high and set the ears about 3½ to 4 feet from the ground. **Peck, 60 cts.; bushel, \$2.00.**

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. **10 lbs., 10 cts. per lb.; 20 lbs., 9 cts. per lb.; 50 lbs., 8 cts. per lb.**

White Kaffir Corn.

Makes nutritious food for stock and poultry. Kaffir Corn in the last few years has been generally sown with Cow Peas, broadcast, at the rate of a peck of Kaffir Corn to a bushel of Cow Peas per acre. **10 lbs., 10 cts. per lb.; 20 lbs., 9 cts. per lb.; 50 lbs., 8 cts. per lb.**

COW PEAS, SOJA BEANS AND FORAGE CROPS

The Soil Improvers—Make Poor Land Rich—A Splendid Hay Crop

Whippoorwill Cow Peas.

An early variety; grows upright, vigorous, and the crop is easy to harvest. We sell more of this variety than any other, and consider it the best for general purposes.

Black Cow Peas.

Seed medium sized and Black. Vines trailing. Seed matures early.

Clay Peas.

Seeds medium sized and cream colored. Vines grow tall and erect. Seed matures medium late.

Shinney Pea.

Very popular, seed large, mottled white and red, early maturing, erect vines.

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.

Black Eye.

Vines erect. Seeds medium sized and white; matures medium late.

Canada Field Peas.

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.

Mammoth Yellow Soja.

The largest growing and most popular Soja Bean for forage purposes, although a little later in maturing than other varieties.

Tar-Heel or Mammoth Black Soja.

Slightly earlier than Mammoth Yellow and produces about same amount of forage.

Mammoth Brown Soja.

Matures slightly earlier than Mammoth Yellow and produces about one-third more forage.

Wilson Black Soja.

Very small seed, matures in about ninety days, can be grown in the Northern States where an early variety is desired.

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. 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. Not only does it produce an enormous amount of very valuable feed, but it at the same time restores to the soil a great amount of fertility, which is so much needed. 50 to 60 pounds of seed required to the acre.

Spring Vetches or Tares.

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. Sow alone 70 to 90 pounds per acre, and with Oats 60 pounds of Vetch and 40 pounds of Oats.

Dwarf Essex Rape.

It is an annual, bearing a close resemblance in leaf and stalk to the Kale, 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 six weeks from the time of sowing.

Dear Mr. "B":—

I have just received my clover seed and am very much pleased with them. All who have seen them are very much pleased.

Sincerely yours,

W. W. MUIR.

Hague, Va., February 23, 1922.

PRICES SUBJECT TO MARKET CHANGES



Five Cents a Paper.

Tested and Reliable.

Postage Paid.

We are in position to offer to our trade Flower Seeds that have few equals and no superiors. Our selections have been made from the best American growers. The preparation of the soil is of vast importance with Flower Seeds, and provided there has been care taken in these respects we feel assured that our seed will give entire satisfaction. Much care must be used in sowing fine Flower Seed; so many times they are buried instead of planted. Most Flower Seeds do best if sown in boxes and transplanted. Care should always be taken not to plant too deep, and at the same time see that the soil may come in contact with the seed. It is well to cover the soil with moss or new grass to keep the soil moist and in condition until the germination of the seed is assured, then remove the covering with care, and not during the sunny part of the day, but in the afternoon, so as not to sunburn the tender young growth.

AMERICAN ASTERS

- Annuals.** Attain full growth, flower and die in one year.
 - Biennials.** Grow from seed one year, bloom and die the next, though some varieties bloom the first season when sown early.
 - Perennials.** Last for several years, blooming annually after the first season, though some varieties will bloom the first season if sown early.
- A**—Signifies Annual. **B**—Biennial. **P**—Perennial.

ASTERS (A) are one of the most popular annuals and do well everywhere. Seed may either be planted early indoors or later in the open border. We suggest that you include some of the named varieties in your order.



Featherbloom Asters.

BOLGIANO'S FEATHERBLOOM ASTERS

- 192. **FEATHERBLOOM WHITE.** White flowers with petals resembling those of a Chrysanthemum. Pkt. 5 cts.; ¼ oz. 35 cts.; oz. \$1.25.
- 145. **FEATHERBLOOM PINK.** Beautiful shell pink. Pkt. 5 cts.; ¼ oz. 35 cts.; oz. \$1.25.
- 116. **FEATHERBLOOM LAVENDER.** A beautiful pure lavender, fine form and size. Pkt. 5 cts.; ¼ oz. 35 cts.; oz. \$1.25.

- 32. **FEATHERBLOOM AZURE BLUE.** A fine shade of lavender blue. Pkt. 5 cts.; ¼ oz. 35 cts.; oz. \$1.25.
- 140. **FEATHERBLOOM PURPLE.** Very rich in color. Pkt. 5 cts.; ¼ oz. 35 cts.; oz. \$1.25.
- 138. **FEATHERBLOOM MIXED.** A mixture of many colors. Pkt. 5 cts.; ¼ oz. 30 cts.; oz. \$1.00.

SEMPLÉ'S BRANCHING ASTERS

- 164. **WHITE BRANCHING.** Produces large, handsome double flowers on long stems. Pkt. 5 cts.; ¼ oz. 30 cts.; oz. \$1.00.



Semple's Branching Asters.

- 125. **PINK BRANCHING or MARY SEMPLÉ.** Large double flowers of a beautiful shell-pink color. Pkt. 5 cts.; ¼ oz. 30 cts.; oz. \$1.00.
- 142. **CRIMSON BRANCHING.** A bright showy crimson. Pkt. 5 cts.; ¼ oz. 30 cts.; oz. \$1.00.
- 161. **LAVENDER BRANCHING.** Light lavender, large, double flowers. Pkt. 5 cts.; ¼ oz. 30 cts.; oz. \$1.00.
- 122. **AZURE BLUE BRANCHING.** True lavender approaching azure blue. Pkt. 5 cts.; ¼ lb. 30 cts.; oz. \$1.00.
- 139. **PURPLE BRANCHING.** Double purple flowers. Pkt. 5 cts.; ¼ oz. 30 cts.; oz. \$1.00.
- 99. **BRANCHING MIXED.** A mixture containing all colors; flowers produced on very long stems. Pkt. 5 cts.; ¼ oz. 25 cts.; oz. 75 cts.
- 137. **QUEEN OF THE MARKET ASTERS, MIXED.** The earliest aster, producing a profusion of fine blooms. Pkt. 5 cts.; ¼ oz. 25 cts.; oz. 75 cts.

28. **AGERATUM, MEXICAN MIXED.** A. Lavender-blue and pure white brush-like flowers borne in great profusion. Attains height of about two feet. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

30. **ALYSSUM, LITTLE GEM.** A. Dwarf spreading plants about four inches high and covered with a mass of white bloom. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 40 cts.



Sweet Alyssum.

23. **BALLOON VINE.** See page 51.

163. **BACHELOR'S BUTTON (Centaurea Cyanus).** A. These are the old "Lady Slipper," but vastly improved as to doubleness of the beautiful flowers. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

BALSAM APPLE.
See page 50.

35. **CALENDULA DOUBLE MIXED.** A. Does well in cool locations. Should be planted either singly or in masses. Plants grow 12 inches high, branch freely and flowers throughout the season. A fine mixture of yellow and orange shades. Pkt. 5 cts.; oz. 15 cts.



Balsam, Double Camellia-Flowered.

194. **CALLIOPSIS MIXED.** A. Most desirable for cutting. This mixture contains many varieties. Pkt. 5 cts.; $\frac{1}{2}$ oz. 20 cts.; oz. 30 cts.

45. **CAMPANULA, SINGLE MIXED CANTERBURY BELLS.** P. Of most attractive growth, and the second year produce abundantly the beautiful bell-flowers in many colors. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.

19. **AMARANTHUS, TRICOLOR or JOSEPH'S COAT.** A. A brilliant colored plant attaining a height of about thirty inches. Pkt. 5 cts.; $\frac{1}{2}$ oz. 25 cts.; oz. 40 cts.

42. **ANTIRRHINUM, HALF DWARF MIXED.** A. Plants grow about two feet high and produce on long spikes flowers of large sizes and most attractive in coloring. Easily grown; fine for cutting. Pkt. 5 cts.; $\frac{1}{4}$ oz. 25 cts.; oz. 75 cts.

CANARY BIRD VINE. See page 50.

17. **CANDYTUFF.** A splendid mixture of all colors. Pkt. 5 cts.; $\frac{1}{2}$ oz. 15 cts.; oz. 25 cts.

141. **CANDYTUFF, GIANT HYACINTH FLOWERED WHITE.** A. Large, elongated head with pure florets. Desirable for cutting. Pkt. 5 cts.; $\frac{1}{2}$ oz. 20 cts.

189. **CANNA MIXED.** P. A perennial plant if roots are lifted in the fall and carefully stored during the winter. Start the seed very early. Pkt. 5 cts.; oz. 25 cts.

13. **CARNATION, MARGUERITE MIXED.** P. Although a perennial, this should be treated as an annual, as from seed sown in the early spring the planter will have plants producing flowers toward the latter part of the summer. Pkt. 5 cts.; $\frac{1}{4}$ oz. 35 cts.; oz. \$1.25.

44. **CHRYSANTHEMUM, ANNUAL VARIETIES MIXED.** A. They are not to be confused with the large late flowering varieties grown by florists. Easily grown from seed, and the plants flower freely until killed by frost. Many colors mixed. Pkt. 5 cts.; oz. 25 cts.

124. **CINERARIA, FINE MIXED.** P. It is exclusively a house plant and succeeds best if the seed is sown during the summer. Pkt. 10 cts.

144. **CLARKIA MIXED.** A. Contains the choicest varieties of this easily grown annual. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

CLEMATIS. See p. 50.

38. **COCKSCOMB DWARF MIXED.** A. Showy dwarf growing plants bearing large velvety combs. If the combs are cut before frost they may be dried and used for winter decoration. Pkt. 5 cts.; $\frac{1}{4}$ oz. 25 cts.; oz. 90 cts.



Early Flowering Cosmos.

COSMOS, EARLY FLOWERING

The longer blooming period given by their starting to bloom four to six weeks earlier is making this class of cosmos very popular. Height four to six feet.

190. **GIANT PINK.** Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 50 cts.

187. **GIANT RED.** Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 50 cts.

184. **GIANT WHITE.** Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 50 cts.

1. **GIANT MIXED.** Pkt. 5 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00.

103. **COSMOS, FINEST MIXED.** A. If seed is sown during the spring it will produce tall growing plants, which will flower freely from September to November. Pkt. 5 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.

10. **COSMOS, DOUBLE MIXED.** One of the finest introductions of late years. A true cosmos with a beautiful double crested center. Pkt. 10 cts.; $\frac{1}{4}$ oz. 65 cts.

113. **COLUMBINE MIXED (Aquilegia).** P. If seed is sown during the summer the plants will come into bloom the following year. A fine assortment of colors. Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 60 cts.

COBEA SCANDENS. See page 50.



Columbine.

146. **CORE-OPSIS GRANDIFLORA**. P. During the summer bears profusely golden-yellow flowers which are very useful for cutting. Pkt. 5 cts.; ½ oz. 25 cts.; oz. 40 cts.

36. **CYCLAMEN, PERSICUM MIXED**. P. A free-flowering plant for growing in the house. Seed should be sown early in the spring. The orchid-like blooms range in color from white to crimson. Pkt. 10 cts.; ¼ oz. \$3.50.

CYPRESS VINES. See p. 51.

101. **DAHLIA, CHOICE DOUBLE MIXED**. P. These grow very easily from seed, and flower freely the first season, and the roots may be kept over from year to year. Pkt. 5 cts.; ¼ oz. 50 cts.; oz. \$1.50.

22. **DAHLIA, CACTUS MIXED**. A. A fine collection of varieties of the popular quilled dahlia varieties. Pkt. 10 cts.; ¼ oz. 75 cts.; oz. \$2.25.

162. **DAISY, DOUBLE MIXED (Bellis Perennis)**. P. The hardy plants thrive best in cool shady places. The attractive small double flowers appear very early in the summer. Pkt. 5 cts.; ¼ oz. 65 cts.

100. **DELPHINIUM, HARDY LARKSPUR**. P. Brilliant blue with white eye, blooming in June. Pkt. 5 cts.; ¼ oz. 25 cts.

22. **DIANTHUS or ANNUAL PINKS MIXED**. A. The plants grow one foot high and flower profusely during the entire summer and fall months. The blooms are most desirable for cutting. Pkt. 5 cts.; ¼ oz. 20 cts.; oz. 60 cts.

121. **DIANTHUS PLUMARIUS**. P. (Pheasant's Eye Pink). The original clove pink, of great beauty. Pkt. 5 cts.; ¼ oz. 35 cts.; oz. \$1.25.



California Poppy.

158. **ESCHSCHOLTZIA (California Poppy) MIXED**. A. Plants of low spreading growth with cut feathery foliage and flowering during the entire summer. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 25 cts.

117. **FEVERFEW (Matricaria eximia fl. pl.)**. A. The plants attain a height of eight inches; dark cut leaf foliage; the pure white flowers are borne on long stems. Fine for cutting. Pkt. 5 cts.; ¼ oz. 30 cts.; oz. \$1.00.

5. **FORGET-ME-NOTS (Myosotis Alpestris)**. P. Neat little plants with beautiful star-like blue flowers. It succeeds best in a moist, shady location. Pkt. 5 cts.; ¼ oz. 25 cts.; oz. 85 cts.

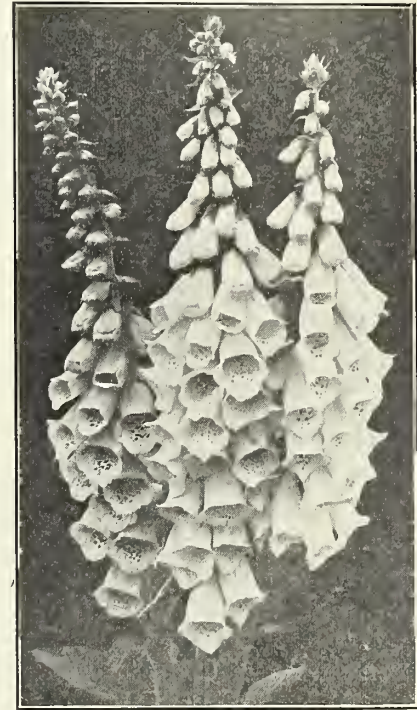
8. **FOUR O'CLOCK (Marvel of Peru) MIXED**. A. The plants grow 2½ feet high and are practically covered with the varied colored flowers about four o'clock in the afternoon. Pkt. 5 cts.; oz. 25 cts.; ¼ lb. 75 cts.

2. **FOXGLOVE MIXED (Digitalis)**. P. The plants grow three feet high and bear long spikes of thimble-shaped flowers of various colors. If planted in well-drained soil will thrive nicely. Pkt. 5 cts.; ¼ oz. 25 cts.; oz. 75 cts.

40. **GAILLARDIA, ANNUAL VARIETIES MIXED (Blanket Flowers)**. A. Glorious annual plants bearing gorgeous-colored flowers. Does exceedingly well in hot, dry weather. Excellent for cutting. Pkt. 5 cts.; ¼ oz. 20 cts.; oz. 65 cts.

120. **GAILLARDIA GRANDIFLORA**. P. These perennial hybrids are worthy of a place in all hardy borders. The beautiful single flowers are red in the center with clear yellow markings on outer edges of petals. Pkt. 5 cts.; ¼ oz. 20 cts.; oz. 50 cts.

7. **GERANIUM ZONALE MIXED**. P. Although a perennial, it is usually treated as annual when grown from seed unless the plants are taken indoors for the winter. Grows readily from seed planted indoors. Pkt. 10 cts.



Fox Glove.

166. **GILIA MIXED**. A. Suitable plants for beds or rockeries. Free blooming and succeeds well in any location. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 35 cts.

9. **GODETIA MIXED**. A. Does best in cool locations. The plants bear freely attractively shaped flowers, rich and varied in colors. Pkt. 5 cts.; ¼ oz. 20 cts.; oz. 50 cts.

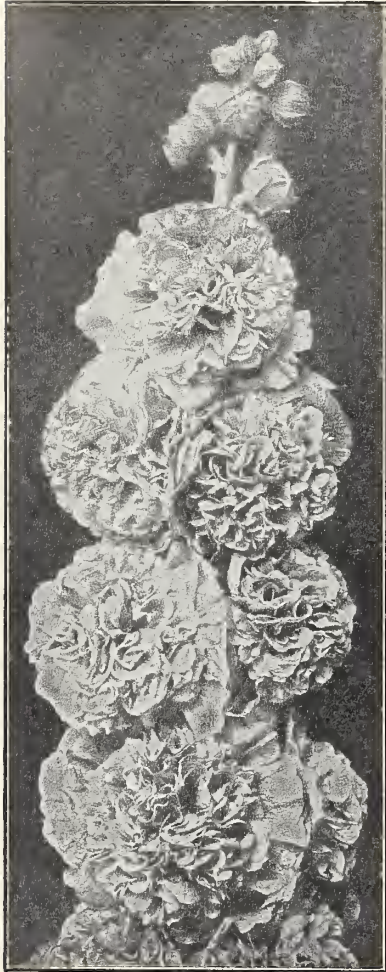
GOURDS. See page 51.

155. **HELICHRYSUM MIXED (Straw Flowers)**. A. This is really a double purpose flower. The plants during the late summer are most attractive with their beautiful double flowers which if picked before fully opened make fine dried blooms for winter decorations. All colors mixed. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 50 cts.

147. **HELIOTROPE, CHOICE MIXED**. P. Rather tender and will not stand cold weather. Start seed indoors and do not set plants out-of-doors until all danger from frost is past. The flowers have a delightfully fragrant perfume. Pkt. 10 cts.; ¼ oz. 85 cts.; oz. \$3.00.

HYACINTH BEAN. See page 50.

119. **HIBISCUS MIXED (Mallow)**. P. Of late the Mallows have become very popular, and are worthy of a place in all beds of perennials. The plants attain a height of from 4 to 6 feet and produce profusely the handsomest flowers from June until fall. Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 75 cts.



Double Hollyhock.

41. **LARKSPUR, ANNUAL VARIETIES MIXED**, A. Very quick-growing and free-flowering. The varied colored flowers are produced on erect spikes. Will thrive anywhere. Pkt. 5 cts.; $\frac{1}{4}$ oz. 10 cts.; oz. 25 cts.

123. **LOBELIA MIXED**. A. Especially desirable for edging flower beds, also for planting in hanging baskets, vases, etc., and in pots for house plants during the winter. The dwarf compact plants grow six inches high and are covered with beautiful star-like flowers. Pkt. 5 cts.; $\frac{1}{4}$ oz. 75 cts.; oz. \$2.50.

143. **LUPINUS MIXED**. A. Very easily grown. The plant is about 12 inches high, and from this develops a long flower spike filled with small flowers. Excellent for cutting. Pkt. 5 cts.; oz. 20 cts.

196. **MIGNONETTE MACHET**. Valued most highly on account of its delightful fragrance. Thrives best during cool weather, and we recommend that a second sowing be made in August to furnish a supply of the flower heads during the fall. Pkt. 5 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.

MOON FLOWER. See page 51.

114. **NIGELLA ("Love In a Mist")**. An unusual and attractive flower. Will stand hot weather and drought. Pkt. 5 cts.; oz. 25 cts.

29. **HOLLYHOCK, CHOICE DOUBLE MIXED**. B. These are best treated as biennials. One of the most showy of all hardy garden plants. The majestic plants produce magnificent long spikes bearing beautiful double flowers which measure 3 to 4 inches across. Pkt. 10 cts.; $\frac{1}{4}$ oz. 35 cts.; oz. \$1.15.

170. **JOB'S TEARS**. A. Curious ornamental grass with broad, corn-like leaves and lustrous slate colored seeds. Pkt. 5 cts.; $\frac{1}{4}$ oz. 10 cts.; oz. 25 cts.

173. **KOCHIA TRICHOPHYLLA**. A. (Summer Cypress). A quick growing foliage or hedge plant very symmetrical in form and having innumerable tiny flowers in the fall when the bush takes on a red tinge. Pkt. 5 cts.; oz. 20 cts.

175. **LANTANA MIXED**. P. If to be treated as an annual start plants early indoors so as to insure a fine display of bloom during the summer. It makes a splendid house plant. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

Nasturtiums

DWARF NASTURTIUMS

A. There is nothing more gorgeous than this easily grown annual. Allow at least 15 ins. between the individual plants so as they will have ample space in which to reach perfect development.

NAMED SORTS

Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

Beauty. Giant Flowering Bronze.

Chameleon. Giant Flowering Variegated.

Crimson. Velvety Crimson.

Cloth of Gold. Yellow Foliage. Scarlet Flowers.

King of Tom Thumbs. Scarlet Flowers, Dark Green Foliage.

King Theodore. Crimson Maroon, Dark Foliage.

Pearl, or Moonlight. Creamy White.

Spotted King. Golden Yellow, Spotted Garnet.

\$40. **Mixed**. Pkt. 5 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25 postpaid.

TALL NASTURTIUMS

A. These are at their best when planted on a steep slope and allowed to run down without any training. The plants are of strong, vigorous growth and the running shoots may be trained on ordinary fences or on wire netting. Have the plants stand 8 inches apart.

Named Sorts: Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

Butterfly. Lemon Yellow, lower petals blotched with Terra Cotta Red.

Crimson. Velvety Crimson.

King Theodore. Crimson Maroon, Dark Foliage.

Pearl, or Moonlight. Creamy White.

Spit Fire. Brilliant Scarlet Flowers; Profuse Bloomer.

Sun Light. Large Golden Yellow.

Rudolph Virchow. Handsome Rose Pink.

\$51. **Tall or Climbing Mixed**. Pkt. 5 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

MORNING GLORY, TALL AND JAPANESE. See p. 50.

12. **MORNING GLORY, DWARF MIXED**. A. (*Convolvulus Minor*). Dwarf growing plants bearing profusely the brightly colored funnel-shaped flowers. Pkt. 5 cts.; oz. 20 cts.

FOR ECONOMY'S SAKE
Order Our Special Collections

FlowersPage 51
VegetablesPage 42



Nasturtium.

182. MARI-GOLD AFRICAN LEMON BALL. A. Very large double flowers of a clear canary yellow. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 60 cts.



Lemon Ball Marigold.

118. MARI-GOLD, AFRICAN ORANGE BALL. A. Tall growing bush with smooth regular orange yellow flowers. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 60 cts.

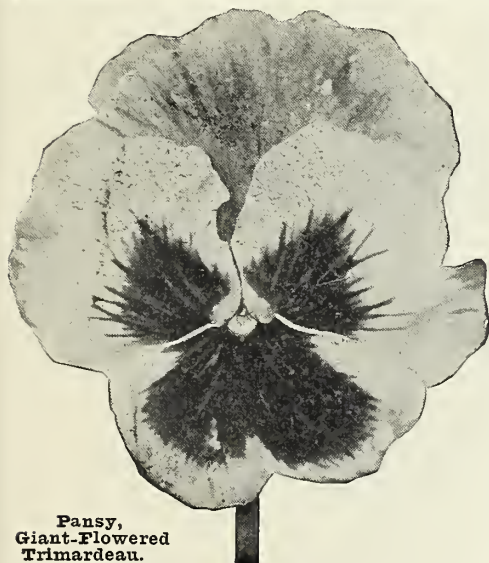
46. MARIGOLD, TALL AFRICAN DOUBLE MIXED. A. The tall growing plants are 2½ feet high, and produce freely largely double orange and yellow flowers measuring about 3 inches across. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 40 cts.

174. MARIGOLD, DWARF FRENCH DOUBLE MIXED. A. The bushes attain a height of 12 to 15 inches. The brilliant orange and yellow flowers blend nicely with the dark green, finely-cut fern-like foliage. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 45 cts.

126. OXALIS MIXED. P. Small plants; foliage clover-like; flowers small and very bright in colors. It is better to treat it as an annual. Pkt. 5 cts.

127. STEELE'S MASTODON PANSIES. Finest of all pansies are included in this special Florist Mixture. Pkt. 10 and 25 cts.; ¼ oz. \$1.75; oz. \$5.00.

96. PANSY, GIANT-FLOWERING TRIMARDEAU MIXED. P. This is made up of a selection of the finest and largest flowering varieties, and much attention has been paid color combinations used. Pkt. 5 and 10 cts.; oz. \$3.00.



Pansy, Giant-Flowered Trimardeau.

31. PETUNIA, GIANT-FLOWERED MIXED. A. Sow seed in boxes inside and be careful not to throw away the very small plants, as they usually produce the largest flowers. This mixture contains the brightest colors. Pkt. 5 and 10 cts.

150. PETUNIA, BEDDING VARIETIES MIXED. A.

As a bedding or border plant nothing surpasses these beautiful bright colored Petunias. Seed may be sown either inside in boxes or outdoors in the beds where the plants are to bloom. Pkt. 5 cts.; ½ oz. 40c; oz. 75c.

195. PHLOX DRUMMONDII, FINEST MIXED. A.

Very attractive free-flowering plants. Sow seed in open ground as soon as danger from frost is past. Plants bloom freely the entire season. Pkt. 5 cts.; ½ oz. 60 cts.; oz. \$2.00.



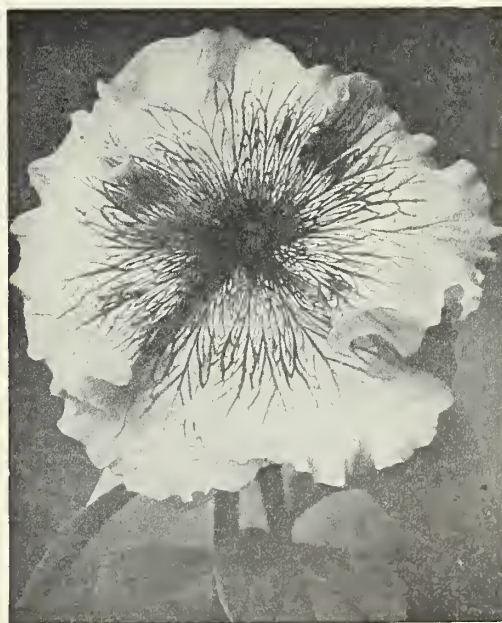
Phlox Drummondii, Finest Mixed.

149. POPPY, THE SHIRLEY MIXED. A.

The large flowers are brilliantly colored and always attract much attention. Pkt. 5 cts.; ¼ oz. 10 cts.; oz. 25 cts.

ORIENTAL POPPY. Flowers of gorgeous brilliancy. Colors from soft rose to dazzling scarlet and richest maroon purple. Pkt. 5 cts.; ¼ oz. 60 cts.; oz. \$2.00.

115. PRIMULA SINENSIS MIXED. A. (Chinese Primrose.) Treat as a greenhouse annual. These make splendid winter-blooming pot plants. A fine mixture of many colors. Pkt. 5 and 10 cts.



Petunia, Giant Flowered.

3. PORTULACA, SINGLE MIXED. A.

Fine assortment of many brilliant colors. Sow seed where plants are to bloom. Pkt. 5 cts.; ¼ oz. 20 cts.; oz. 75 cts.

167. PYRETHRUM GOLDEN FEATHER. P.

A very useful hardy perennial. Most desirable for edging or bordering beds filled with other plants. Pkt. 5 cts.; ¼ oz. 25 cts.; oz. 85 cts.

18. RICINUS, CHOICE MIXED (The Castor Oil Bean). A. Very ornamental in growth. Recommended on lawns and for massing, or for center of beds. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 65 cts.; lb. \$2.00.

SCARLET RUNNER BEAN. See page 51.

SALVIA, or SCARLET SAGE

Salvia, Bonfire.

148. BONFIRE.
A. A fine variety, 3 ft. high; forms a dense compact bush; is a heavy bloomer, having brilliant scarlet flowers. Pkt. 10 cts.; ¼ oz. \$1.00.

24. SPLENDENS.
A. Handsome, bushy plants which produce hundreds of spikes of brilliant scarlet flowers during the early fall months. Seed should be sown early indoors; set plants in beds as soon as danger from frost is past. Pkt. 5 and 10 cts.; ¼ oz. 60 cts.; oz. \$2.00.

160. SALPIGLOSIS. A.

An exceedingly beautiful, showy flower, of purple, red, yellow, buff and blue, all delicately veined. Pkt. 5 cts.; ¼ oz. 35 cts.; oz. \$1.00.

165. SENSITIVE PLANT (Mimosa Pudica). P. In the gardens this should be treated as an annual. A unique plant, the leaves of which close and droop even if only slightly touched with the hand. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 50 cts.

193. SCABIOSA MIXED (Sweet Scabious). A. The growing plants are not only highly ornamental, but produce freely on long stems beautifully formed flowers of many colors. Sow seed as soon as trees are starting in leaf. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 45 cts.

16. STOCKS, DWARF TEN WEEKS MIXED. A. Highly recommended as a cut flower. Sow seed in hotbed or boxes and transplant into rich soil. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. \$1.50.

154. SWEET ROCKET MIXED (Hesperis matronalis). P. Plants attain a height of 2 ft. and produce panicles of white and lavender flowers. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 35 cts.

98. SWEET WILLIAM, BRIGHT SCARLET. P. Pure scarlet in color, single flowers. Pkt. 5 cts.; oz. 35 cts.; ¼ lb. \$1.00.

100. SUNFLOWER, DOUBLE CHRYSANTHEMUM-FLOWERED. A.

Positively the finest sunflower in cultivation. Plants grow 7 feet high. Flowers always perfectly double and of brightest golden yellow. Pkt. 5 cts.; oz. 30 cts.



Salpiglosis.



Sweet William.

37. VERBENA, EXTRA FINE MIXED. P. Best treated as an annual. It grows readily from seed. The flower trusses are most attractive and the colorings are beautiful. Pkt. 5 cts.; ¼ oz. 45 cts.; oz. \$1.50.

ZINNIA

GIANT-FLOWERED. A. Few flowers grown from seed give the general satisfaction that Zinnias give. For brilliancy and variety of colors, there is nothing that surpasses our strain. The popularity of this flower is constantly increasing. It is frequently called "Youth and Old Age," because of its constant blooming.

106. CRIMSON. Pkt. 5 and 10 cts.; oz. \$1.00.

107. FLESH PINK. Pkt. 5 and 10 cts.; oz. \$1.00.

108. SULPHUR YELLOW. Pkt. 5 and 10 cts.; oz. \$1.00.

109. WHITE. Pkt. 5 and 10 cts.; oz. \$1.00.

110. MIXED. Pkt. 5 and 10 cts.; oz. 75 cts.; ¼ lb. \$2.50; lb. \$8.00.

StimUplant
Makes a
Wonder Garden

See page 77.



Bolgiano's Cactus Zinnias.

CACTUS ZINNIAS

Among flowers these are coming to be the most popular and are decidedly the foremost advance among flowers ever developed. Your garden will not be complete without them. Pkt. 10 cts.; ¼ oz. 45 cts.; oz. \$1.50.

20. SWEET WILLIAM, DOUBLE AND SINGLE MIXED. P. An old time hardy garden favorite, and so easily grown that it should have a place in all gardens. Pkt. 5 cts.; oz. 50 cts.

THUNBERGIA.
See page 51.

168. WALL FLOWER. B. An attractive flower, very popular in Europe, having long spikes of many colors. Pkt. 5 cts.; ¼ oz. 25 cts.; oz. 75 cts.

ANNUAL CLIMBING VINES



Morning Glory.

These hardy annual climbers are very easy to grow, and it is remarkable how quickly the vines attain a great height. Any of the varieties are suitable for covering unsightly fences, etc.

23. BALLOON VINE, or "LOVE-IN-A-PUFF." A. An attractive climber of quick growth and bears profusely inflated seed capsules. Pkt. 5 cts.; $\frac{1}{4}$ oz. 10 cts.; oz. 25 cts.

43. BALSAM APPLE (Momordica Balsamina). A. A rapid growing vine producing

apple-shaped fruits. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

157. CANARY BIRD VINE. A. (Tropaeolum Canariensis.) A very attractive climber, producing freely fringed yellow flowers. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 35 cts.

4. COBOEA SCANDENS. A. A rapid grower with fine foliage. Beautiful violet-colored bell-shaped flowers. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

159. CLEMATIS. P. A quickly growing vine with deliciously fragrant flowers of pure white, blooming in September. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

21. CYPRESS VINE MIXED. A. Finely cut fern-like foliage from which protrudes hundreds of star-like flowers. Of very quick growth. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 45c.

48. GOURDS, ORNAMENTAL MIXED. A. Easily grown and the many odd and curious fruits are always a source of delight to both young and old. Pkt. 5 cts.; $\frac{1}{4}$ oz. 10 cts.; oz. 25 cts.

34. HYACINTH BEAN. A. A fine climber with clusters of purple or white flowers followed by ornamental seed pods. Pkt. 5 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.

39. MOONFLOWER. A. So called because it has the characteristic of opening its flowers during the late afternoon and evening. The large pure white flowers contrast beautifully with the heavy dense foliage. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

180. MORNING GLORY, IMPERIAL JAPANESE MIXED. The flowers are extra large in size and of many colors. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.

26. MORNING GLORIES MIXED. A. These are easily the most popular of all our annual climbers. Simply scatter the seed where you wish the plants to grow. Pkt. 5 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.

NASTURTIUM, TALL VARIETIES AND MIXED. See page 47.

150. SCARLET RUNNER BEAN. A. A quick-growing vine bearing large sprays of bright scarlet pea-like flowers. When fully ripened the dry beans are bright scarlet, heavily blotched with purple. Pkt. 5 cts.; $\frac{1}{4}$ lb. 15 cts.; lb. 40 cts.

143. THUNBERGIA MIXED (Black-Eyed Susan). A. Neat foliage. Vines are of rapid growth and produce freely white, yellow and orange flowers, each with a black eye. Pkt. 5 cts.; $\frac{1}{4}$ oz. 30 cts.; oz. \$1.00.

Eight Charming Spencer Sweet Peas for 25 Cts.

Sweet Peas are each season becoming more and more popular. Sow seed as early in the spring as the soil can be made ready, and bear in mind the fact that the more blooms you cut the more the vines will produce. In this collection we include the best in the different color classifications.

George Herbert. Bright carmine.
King Edward Spencer. Fine scarlet.
Dainty Spencer. White with pink edge.
Illuminator. Beautiful salmon pink.

Florence Nightingale. Soft lavender.
Constance Hinton. Best white.
Margaret Atlee. Attractive cream pink.
Superb Mixed Spencers. Many colors.

EIGHT SPENCER SWEET PEAS FOR 25 CTS.

Eight Beautiful Flowers for 25 Cts.

Nothing adds more charm to the home surroundings and, although we all realize the necessity of increasing the supply of food, yet no one should begrudge giving a small space in the garden to these brightly-colored annual flowers. All the following varieties are easily grown and are constant bloomers.

Alyssum, Little Gem.
Antirrhinum, Half-Dwarf Mixed (Snapdragons).
Aster, Bolgiano's Special Mixture.
Eschscholtzia, Mixed (California Poppy).

Four o'Clock (Marvel of Peru).
Marigold, African Double Mixed.
Larkspur, Mixed.
Petunia, Bedding Varieties Mixed.

ACCHILE. Rose to white. 50 cts.
COURNNE DE OR. Yellowish white. 50 cts.
ENDULUS SUPERBA. Violet rose. 60 cts.
FELIX CROUSE. Brilliant red. 75 cts.
FLORAL TREASURE. Blush white. 75 cts.
LOUISE VAN HOUTTE. Rich rose red. 50 cts.
MONS JULES ELIE. Large light pink; fragrant. 80 cts.
MONSIEUR KRELAGE. Cerese pink; extra fine and fragrant. 90 cts.

NE PLUS ULTRA. Violet rose; fragrant; very fine. \$1.
QUEEN VICTORIA. White flecked with red. 50 cts.
VENUS. Shell pink, extra large ball-shaped blooms. \$1.
ZOE CALLOT. Rose fragrant. 70 cts.
UNNAMED VARIETIES. Very fine strains are included among these roots, but are sold at the cheaper price because they are mixed. 40 cts. each.

Peonies

SWEET PEAS



Margaret Atlee Sweet Peas.

Sweet Peas have been frequently referred to as the poor man's Orchid solely because of the abundance of blooms, the colors which may be likened to those found in the rarest Orchids.

America for years has been looked upon as headquarters for seed of this beautiful climbing annual, and with the result that there is now in cultivation hundreds of named varieties.

We are fortunate in having close acquaintance with all the noted producers of Sweet Pea seed. So we have gone over the long list of varieties repeatedly and now offer under color classification what we consider the best of their respective classes.

CULTURE. Sweet Peas should be sown in drills as early as possible in spring in rich, friable soil. Prepare the bed thoroughly, digging in a quantity of well-rotted manure, if it can be done, making a furrow 1 to 6 inches deep. In this sow the seed and cover 2 inches deep. As soon as the plants begin to show through fill in the furrow. This will secure a deep planting without the bad effects of deep covering of the seed at first, and so enable the plant to bloom continuously through the heat of summer. As fast as the flowers come into full bloom they should be cut off, for if the pods are allowed to form the plants will stop blooming. In the selection and growing of our Sweet Peas we have obtained the services of one of the leading expert Sweet Pea growers in the world, who has made the growing, propagation and developing of grand, new, elegant varieties of Sweet Peas one of the highest aims of life. We, therefore, commend our extra-superior varieties to you with the assurance that if you plant them you will have, without exception, the finest collection of colors and varieties of Sweet Peas of any one in your locality.



Illuminator Sweet Peas.

Spencer, or Orchid-Flowering Sweet Peas

WHITE

	Pkt.	Oz.	¼ lb.	Lb.
57. King White.....	10c	25c	85c	3.00
95. Constance Hinton.....	10c	25c	85c	3.00

CREAM or YELLOW

39. Clara Curtis.....	10c	25c	85c	3.00
105. Primrose.....	10c	25c	85c	3.00

CREAM PINK

(Delicate Pink on Cream Ground)

53. Margaret Atlee.....	10c	25c	85c	3.00
60. Mrs. Routzahn.....	10c	25c	85c	3.00

LIGHT PINK

49. Elfreda Pearson.....	10c	25c	85c	3.00
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DEEP PINK

191. Countess Spencer.....	10c	25c	85c	3.00
63. Hercules.....	10c	25c	85c	3.00

SALMON PINK

91. Doris Usher.....	10c	25c	85c	3.00
66. Illuminator.....	10c	25c	85c	3.00

ROSE

80. George Herbert.....	10c	25c	85c	3.00
62. Rosabelle.....	10c	25c	85c	3.00

CRIMSON or SCARLET

86. King Edward Spencer.....	10c	25c	85c	3.00
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ORANGE

93. Fiery Cross.....	15c	40c	1.25	4.00
68. Helen Grosvenor.....	10c	25c	85c	3.00
64. Thomas Stevenson.....	10c	25c	85c	3.00

SALMON

	Pkt.	Oz.	¼ lb.	Lb.
54. Barbara.....	10c	25c	85c	3.00
183. Sterling Stent.....	10c	25c	85c	3.00

LAVENDER

83. Florence Nightingale.....	10c	25c	85c	3.00
61. Tennant Spencer.....	10c	25c	85c	3.00

BLUE

71. Margaret Madison.....	10c	25c	85c	3.00
56. Wedgewood.....	10c	25c	85c	3.00
178. Royal Purple.....	10c	25c	85c	3.00

MAROON

94. Nubian.....	10c	25c	85c	3.00
92. King Manuel.....	10c	25c	85c	3.00

BI-COLOR

(Pink and White)

69. Blanche Ferry Spencer.....	10c	25c	85c	3.00
186. Mrs. Cuthbertson.....	10c	25c	85c	3.00

PICOTTE EDGED

172. Dainty Spencer, white, edge pink.....	10c	25c	85c	3.00
88. Mrs. Townsend, white, edge pink.....	10c	25c	85c	3.00
87. Mrs. C. W. Breadmore, cream, edged pink.....	10c	25c	85c	3.00

STRIPED or VARIEGATED

177. Senator Spencer.....	10c	25c	85c	3.00
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50. SUPERB MIXED SPENCERS.

This mixture not only contains all the above, but also a host of other varieties, all blended together in just the right proportion. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

DAHLIAS

We wish to call particular attention to the number of splendid new varieties we are offering to our customers this year. It is always our desire to furnish the best, and we feel that we are justly proud of what we are listing below.

The Dahlia is of the easiest possible culture. Plant in good soil in full sunlight, and keep the ground well worked or mulched, and you will be repaid by showers of bloom.

One Each of All Dahlias Listed, \$8.00.



Queen Mary.

FIVE NEW GIANT DAHLIAS

For size, coloring, form and vigor of growth, these varieties are in a class by themselves.

The five for \$2.25.

QUEEN MARY. A grand decorative that has proven its worth as the best deep pink for all purposes. The size is large to very large, full high center, even up to November, when killed by frost. Color clear silvery cerise pink. The plant is a strong healthy vigorous upright branching grower, producing the giant flowers freely on long stiff stems. 35 cts. each; 6 for \$2.00.

GOLDEN WEST CACTUS. This is a California variety that is in a class by itself, in its color—that rich golden, bronzy yellow, with the scarlet shading at the base of the petals and the center. It is a wonderful grower, strong and sturdy, with heavy, clean, healthy leaves, and branching habit, producing the large flowers freely on long stiff stems. 50 cts. each; 6 for \$2.75.

FLAMINGO. This is the genuine Flamingo and red as it should be. Besides being a brilliant red, it is of immense size with long twisted and curled petals, giving it a most uniquely irregular form. 75 cts. each; 6 for \$4.00.

MINA BURGLE. This new introduction is one of the finest varieties to date—a champion variety, producing flowers of gigantic size and remarkable beauty; the best in existence. Color, a glowing and most brilliant scarlet. The flowers are of perfect Decorative type, and are borne upon long, wiry stems well above the foliage. Attracts universal attention. 40 cts. each; 6 for \$2.25.

MRS. C. H. BRECK. One of the most effective varieties for all purposes. Color soft yellow, suffused and tipped carmine, bright and effective. The plant is a strong vigorous grower of dwarf branching habit and an early, profuse and continuous bloomer. The flowers are large and borne on stiff erect stems. Is a hybrid decorative. 50c each; 6 for \$2.75.

NEW PEONY-FLOWERED DAHLIAS

The Four for \$1.25.

HORTULANUS BUDE. Gorgeous Holland Peony-flowered Dahlia. A bright deep red; of splendid habit. One of the most reliable. 25 cts. each; 6 for \$1.35.

JOHN GREEN. Yellow, tipped red, irregular formed petals; early, extremely profuse bloomer. 30c each; 6 for \$1.65.

QUEEN ELIZABETH. This new Peony Dahlia is the highest type yet produced in the class. The color is a beautiful rosy mauve. The large flowers are facing, on very long (2½ to 4 feet) stems, slender, yet stiff, holding the flowers erect. The plant is a very clean, strong grower and free bloomer, every shoot produces a flower. It is a variety that just will bloom. A flower that should be in every collection. 40 cts. each; 6 for \$2.25.

F. R. AUSTIN. One of the most striking and valuable Peony Dahlias in existence. The beautifully colored flowers are of large size, averaging 6 to 8 inches across. Color, the outer petals are very long, creamy yellow, suffused, banded and shaded rich crimson; the inner petals are yellow at base tinting lighter, and suffused pink and crimson. The plant is a strong vigorous grower, an extremely early and free bloomer, and continues to bloom the entire season, making it most valuable for garden and exhibition. 50 cts. each; 6 for \$2.75.

SUPERB CACTUS DAHLIAS

One each of Seven Cactus Dahlias Listed, \$1.50.

COUNTESS OF LONSDALE. A peculiar but pleasing blend of salmon-pink and amber; flowers freely under all conditions. 30 cts. each; 6 for \$1.75.

COMRADE. A very pleasing variety of dwarf branching habit, producing the clear salmon-pink flowers freely on stiff stems well above the foliage. 20 cts. each; 6 for \$1.10.

LIBELLE. Another grand variety of medium size, a profuse bloomer. Color a beautiful aster purple; very effective. 20 cts. each; 6 for \$1.10.

GOLDEN GATE. Large hybrid cactus, of a rich deep golden yellow, suffused and shaded amber.

Plant is a very vigorous grower, producing giant flowers on very long stiff but graceful stems. 35c. each; 6 for \$2.00.

J. H. JACKSON. Finest black dahlia in existence. Color deep, blackest maroon. Gigantic size. 25c each; 6 for \$1.35.

MARJORIE CASTLETON. The best standard pink Cactus Dahlia. It is much softer than most pinks, and is an early continuous bloomer. The color is soft rose pink, tinting lighter toward the center. It is a very rapid grower with stiff stems, and keeps well after cutting. 20 cts. each; 6 for \$1.10.

QUEEN OF HEARTS. A beautiful white with yellow at the base of the petals, making it a most lovely and effective flower. 20 cts. each; 6 for \$1.10.

FIVE SUPERB DOUBLE SHOW DAHLIAS

One each of Five Show Dahlias Listed for \$1.00.

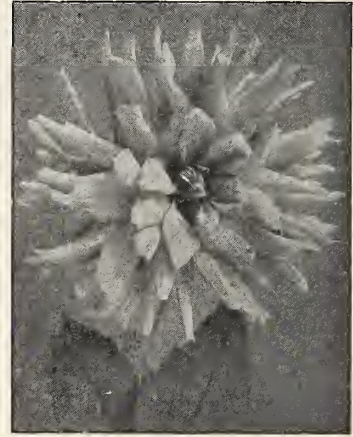
A. D. LIVONI. Beautiful clear pink; of perfect form. 25 cts. each; 6 for \$1.35.

QUEEN VICTORIA. Rich golden yellow, quilled petals. A strong grower and a profuse bloomer. 20 cts. each; 6 for \$1.10.

TANSBORO. Crimson shaded maroon, white suffused crimson at base of petals, early and profuse. 20 cts. each; 6 for \$1.10.

STRADELLA. Beautiful deep purple-crimson. Exceptionally free flowering. Stems long and wiry. One of the finest to date. 20 cts. each; 6 for \$1.10.

WHITE SWAN. Pure white, the standard commercial Ball Dahlia. A strong grower and free bloomer. 20 cts. each; 6 for \$1.10.



Countess of Lonsdale.

TWELVE CHOICEST DECORATIVE DAHLIAS

One each of Twelve Decorative Dahlias Listed for \$2.75;
Any Six for \$1.50.



BREAK O' DAY. A new giant dahlia that should be in every collection. Of immense size and irregular formation. A delicate clear sulphur yellow, tinting to sulphur white at 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 long erect stems. 30 cts. each; 6 for \$1.75.

CUBAN GIANT. An immense, full-double, quilled Dahlia, 6 to 7 ins. in diameter. Color dark, glowing crimson. 25 cts. each; 6 for \$1.35.

GRAND DUKE ALEXIS. Very large flower with quilled petals. Color white, lightly edged lavender pink. Strong grower and free bloomer. One of the best. 40 cts. each; 6 for \$2.25.

HORTULANUS WITTE. Very large, pure white; with good stems. One of the best. 30 cts. each; 6 for \$1.75.

JACK ROSE. Brilliant crimson red, similar to the popular "Jack" Rose. 15 cts. each; 6 for 75 cts.

L. KRAMER PEACOCK. The ideal white decorative, for garden or cutting. The flowers are large, of perfect form, pure white and of great substance, keeping a long time after being cut. The plant is a strong vigorous grower, of dwarf branching habit, and a profuse bloomer. 35 cts. each; 6 for \$2.00.

LYNDHURST. One of the best bright scarlets; invaluable for cutting; large, perfectly full center; long stems. 20 cts. each; 6 for \$1.10.

MINNIE McCULLOUGH. One of the most indispensable decorative varieties. Entirely distinct on account of the gold and red combination that is seen in autumn leaves. It shows up especially fine under artificial light. 20 cts. each; 6 for \$1.10.

PINK JACK ROSE. A pink sport of Jack Rose; a very free bloomer and fine for bedding. 20 cts. each; 6 for \$1.

PROFESSOR MANSFIELD. A giant decorative of most unique coloring; a pleasing combination of yellow, red and white. 20 cts. each; 6 for \$1.10.

SOUVENIR DE GUSTAVE DOAZON. A pure scarlet decorative variety of mammoth proportions; will produce flowers 6 to 9 inches across. 25 cts. each; 6 for \$1.35.

SYLVIA. Deep pink, tinting to light pink at the center; large perfectly formed flowers produced perfectly on long stiff stems. It is a strong vigorous producer of selected stock. Indispensable where a quantity of flowers are wanted. 20 cts. each; 6 for \$1.10.

MIXED DAHLIAS

A splendid mixture of many fine varieties. 15 cts. each; 2 for 25 cts.; 12 for \$1.25.

Cannas

These wonderful bedding plants give uniformly good results in all sections of the country. They succeed in any sunny position, in any kind of soil, but will repay liberal treatment. For best results spade the beds 2 feet deep, and incorporate in the soil a liberal amount of well-decayed manure of any kind. Water well at all times. The best effect is given by planting large masses of one color, setting the plants 18 inches apart.

ROBIN HOOD

In this splendid new canna we introduce to our friends the finest pure scarlet canna that has ever been developed. Its blooms are immense size and more beautiful in form than any we have seen. The foliage is bright green, very heavy and remarkably strong in growth. 4 to 5 feet high. 35c each; \$3.50 per doz., postpaid.



Yellow King Humbert Canna.

THE PRESIDENT. This is described best when said to combine all the good qualities of Fire Bird with none of its faults. Blooms are pure crimson and foliage deep green. Height, 4 to 5 feet. 20 cts. each; \$2.00 per doz., postpaid.

KING HUMBERT. The most popular of cannas. Gigantic orange scarlet trusses with red markings. Foliage deep coppery bronze. 5 feet tall. 10 cts. each; \$1.00 per doz., postpaid.

YELLOW KING HUMBERT, or QUEEN HELEN. A yellow counterpart of the popular King Humbert. Flowers brilliant yellow dotted with red. Foliage green. 5 to 6 feet tall. 10 cts. each; \$1.00 per doz., postpaid.

ROSEA GIGANTEA. Large trusses of soft rose to carmine-pink flowers. Blue-green foliage. Height 3 1/2 feet. 10 cts. each; \$1.00 per doz., postpaid.

EUREKA. Largest of pure white cannas. A free bloomer. 4 to 5 feet tall. 10 cts. each; \$1.00 per doz., postpaid.

LOUISIANA. Strong, vigorous; vivid scarlet flowers, the largest and finest of their color. 7 feet tall. 8 cts. each; 2 for 15 cts.; 75 cts. per doz., postpaid.

ALLEMANIA. Enormous flowers; broad golden border, scarlet and dark red. 5 to 6 feet tall. 8 cts. each; 2 for 15 cts.; 75 cts. per doz., postpaid.

WYOMING. Orange flowers with lighter colored border. Foliage purplish bronze. 10 cts. each; 2 for 15 cts.; 75 cts. per doz., postpaid.

Fall Bulbs such as **TULIPS, HYACINTHS, NARCISSUS,** etc., will reward the planter with a beautiful display of flowers during the spring months. If you are interested in spring flowering bulbs, kindly advise us, and we shall file your name for a copy of our Fall Price List, which will be mailed early in the fall.

PLANT SECTION

Some firms are sending out mailing size roses that are hardly more than rooted cuttings; we do not handle that kind; our plants are grown in 3-inch pots, are strong and vigorous and ready to bloom at once. These are sent to you postpaid at the prices quoted. It will be better, however, for you to have them come by express, as all the soil can then be left on the roots, which is a great advantage.

Our two-year Roses were all in bloom last summer, and are wintered outdoors where they have an entire rest; these are not like the exhausted hothouse plants sold by some; they go by express at your expense at the price given.

PRICES ON ALL ROSES

1-year Mailing Size, 30 cts., postpaid.

Strong 2-year Plants, \$1.00.

Weight, per plant, about 1 pound.

Hardy Hybrid Tea Roses

BESSIE BROWN. White, sometimes flushed pink.

COLUMBIA. Peach Blow pink.

GRUSS AN TEPLITZ. Richest scarlet, shading to velvety crimson.

HOOSIER BEAUTY. Rich crimson, scarlet.

JONKHEER J. L. MOCK. Bright pink, faced carmine.

KAISERINE AUGUSTA VICTORIA. Soft pearly white, tinted lemon.

LADY ALICE STANLEY. Deep coral rose, inside delicate pink.

MADAM CAROLINE TESTOUT. Brilliant satiny rose.

MADAM CONSTANT SOUPERT. Deep yellow, edged with deep feathered pink.

MRS. AARON WARD. Indian yellow, shading lighter toward the edge.

OPHELIA. Salmon flesh, shaded with rose.

RADIANCE. Rich silvery pink.

RED RADIANCE. Clear cerise red.

RHEA REID. Vivid scarlet crimson.

RICHMOND. Brilliant scarlet crimson.

SUNBURST. Orange copper blended with golden orange and yellow.

W. R. SMITH. White overlaid with clear, bright pink.

Tea Roses

MADAM FRANCISCA KRUGER. A deep coppery yellow.

PINK MAMAN COCHET. Rich pink, changing to silvery rose.

WHITE MAMAN COCHET. Pure white.

China Roses

CLOTHILDE SOUPERT. Soft shell pink.

FRAU KARL DRUSCHKI. The best pure white.

QUEEN'S SCARLET. Bright, fiery scarlet.

Everblooming Climbing Roses

CLIMBING CLOTHILDE SOUPERT. Ivory white.

CLIMBING KILLARNEY. Deep shell pink.

CLIMBING JULES GRAVERAUX. White tinted with blush pink, with yellow base.

CLIMBING PAUL NEYRON. A fine pink color.

EMPRESS OF CHINA. Soft red, becoming a brighter shade as the flower ages.

MARECHAL NEIL. Superb bright golden yellow.

MARY WASHINGTON. Medium sized flowers of pure white.

MRS. ROBERT PEARY. Large pure white flowers.

PAUL'S SCARLET CLIMBER. Vividly brilliant scarlet.

Rambler Roses

AMERICAN BEAUTY. Fine dark pink to red.

CRIMSON RAMBLER. Brilliant crimson.

DOROTHY PERKINS. Lovely shell pink.

WHITE DOROTHY PERKINS. Pure white.

RED DOROTHY PERKINS. Fine pure red.

TAUSENDSCHOEN. Soft pink, changing to carmine.

FRUIT DEPARTMENT

APPLE TREES. 4 to 5 feet. \$1.00 each; \$8.00 per 10.

Winter Varieties: Delicious, Stayman, Jonathan, Wine-sap, York Imperial, Mammoth Black Twig.

Autumn Varieties: Grimes Golden, Maiden Blush.

Summer Varieties: Yellow Transparent, Early Harvest.

PEAR TREES. 4 to 5 feet. \$1.50 each; \$12.50 per 10.

Varieties: Barlett, Seckel, and Kiefer.

CHERRY TREES. 4 to 5 feet. \$1.50 each.

Sour Varieties: Montmorency, Early Richmond.

Sweet Varieties: Tartarian and Yellow Spanish.

QUINCE TREES. 4 to 5 feet. \$1.50 each.

PEACH TREES. Assorted varieties early to late. 65 cts. each; \$4.00 per 10.

RASPBERRIES (BLACK CAPS). 20 cts. each; \$1.00 per 10.

Varieties: Cumberland, Kansas, and Gregg.

RASPBERRIES, RED. 20 cts. each; \$1.00 per 10.

GRAPE VINES. 35 cts. each.

Varieties: Concord, Niagara, Worden, Moores, Early, and Delaware.

HORSE RADISH. 20 cts. each; \$1.50 per 10.

STRAWBERRIES. \$1.50 per 100; \$8.00 per 1,000.

Varieties: Aroma, Gaudy, Early Ozark, Klondyke.

EVERBEARING STRAWBERRIES. \$3 per 100; \$12.50 per 1,000.

Varieties: Progressive, Superb.

SHADE TREES

NORWAY MAPLE. 10 to 12 feet. \$2.50 each.

SILVER MAPLE. 8 to 10 feet, \$1.00 each; 10 to 12 feet, \$1.50 each.

ENGLISH WALNUT. 2 to 6 feet. \$1.00 each.

CATALPA BUNGEI, GRAFTED. \$3.00 each.

LOMBARDY POPLAR. 12 to 14 feet. \$2.00 each; \$10 per 10.

ORIENTAL PLANE. 12 to 14 feet, \$3.00 each; 8 to 10 feet, \$1.50 each.

HORSE CHESTNUT. 8 to 10 feet. \$3.00 each.

AMERICAN LINDEN. 10 to 12 feet. \$3.00 each.

AMERICAN ELM. 10 to 14 feet. \$3.00 each.

EVERGREENS

ARBORVITAE, American. Tall rapid grower. 2 to 3 feet, \$1.50; 3½ to 4 feet, \$3.50; 4½ to 5 feet, \$5.00.

Pyramidal. Dense dark green foliage. 2 feet, \$2.00; 3 feet, \$3.00; 4 feet, \$4.25.

Globe. Dwarf low growing. 12 to 15 inches, \$1.50.

GOLDEN ARBORVITAE. Foliage light yellow. 18 to 24 inches, \$2.50; 2 to 3 feet, \$3.50.

BIOTA ORIENTALIS. 15 to 18 inches, \$1.50; 2 to 3 feet, \$2.00.

CEDARS, Communis Prostrata. Low spreading types. 1½ to 2 feet, \$2.00; 2½ to 3 feet, \$3.50.

Red. Nursery grown. 3 to 4 feet, \$2.00; 4 to 5 feet, \$4.

Tufted. Dark green fluffy foliage. 2 to 3 feet, \$4.00.

RETINISPORAS, Pisifera. 15 to 18 inches, \$1.50; 2 to 2½ feet, \$3.00; 4 to 5 feet, \$5.00.

Plumosa. 18 inches, \$1.50; 2½ to 3 feet, \$3.50.

Squarrosa, Silver Retinispora. 15 to 18 inches, \$2.00; 2 to 2½ feet, \$3.00.

SPRUCE, Norway. Rapid grower; fine specimen. 18 to 24 inches, \$1.50; 3 to 4 feet, \$3.50.

Engleman. Dull blue foliage. 2 to 3 feet, \$3.50.

Colorado Blue. 1½ to 2 feet, \$2.50; 2 to 2½ feet, \$4; 2½ to 3 feet, \$6.00; 3 to 3½ feet, \$7.00.

HARDY FLOWERING SHRUBS



Hydrangea.

To bring out the full effect of the beauty of Annual and Perennial flowers, there is nothing equal to a harmonious background of hardy flowering shrubs. Our selection is designed for the average home, and will enable the owner to have a charming display of beautiful flowers for the spring, summer and autumn, in addition to the added color of berries, fruit, leaves and bark, all of which makes the home more enjoyable at all seasons. Our shrubs are of tested varieties and sold at prices which will enable you to beautify your grounds at small cost. Experienced nurserymen only grow and ship our stocks, which will succeed with a reasonable amount of care and attention, and give a lasting pleasure.

Prices are for stock at our store, or packed ready for shipment at the Nurseries near Washington, D. C.

ALTHEA. Rose of Sharon. Bloom in August and September, large, bright, single and double flowers. Fine specimen border or hedge plants; stand clipping well. Double rose, purple, red and single white, 3 to 4 feet, 75 cts. each; \$5.00 per 10.

AEONA. Small white tinted flowers followed by bright black-berry-like fruits, valuable to attract birds. 2 to 3 feet, 75c each.

CALYCANTHUS. Old-time sweet shrub; queer, strong-scented flowers, sometimes called Carolina Allspice. 2 to 3 feet, 90 cts.

CEANOTHUS. New Jersey Tea; dwarf shrub; white flowers in dense clusters all summer. 2 to 3 feet, 75c each. Improved variety, light blue flowers, 2 to 3 feet, \$1.00 each.

CORNUS SIBERICA. Siberian Dog Wood. Valuable for its white berries and scarlet red twigs in winter. Yellow twigged variety for contrast will grow in damp and shady places. 2 to 3 feet, 60 cts.; 3 to 4 feet, 75 cts., 10 for \$5.00.

CYDONIA. Flowering Quince. A grand old-time shrub covered in spring with dazzling scarlet flowers. Good foliage and thorns will protect your lawn from people who like to make short cuts. 2 to 3 feet, 75 cts. each.

DUTZIA. Several varieties ranging in height from 2 to 16 feet. **Crenata.** Tall, with double pure white flowers; a very handsome free-flowering plant.

Pride of Rochester. The largest white flowering variety. **Crenata Rosea.** Fine clusters of single pink flowers. The above varieties of Dutzia, 2 to 3 feet, 60 cts. each, \$5.00 per ten; 3 to 4 feet, 70 cts. each.

Gracillis. Dwarf growing, very bushy, covered with pure white flowers in May; a splendid edging or low hedge plant. 18 to 24 inches, 75 cts.

LILACS. The most charming of flowering shrubs. **Vulgaris.** The old-fashioned lilac, light purple flowers. **Vulgaris Alba.** The old-fashioned white lilac. 3 to 4 feet, 80 cts. each, \$6.00 per 10.

Charles X. Loose trusses of single flowers of reddish purple, a fast grower with large glossy leaves.

Fres. Grevy. Huge panicles of beautiful shape of light blue. **Souv. de Ludwig Spalet.** The most beautiful of the dark blue French.

Frau Bertha Damon. Extra large trusses of pure white flowers. **Mad. Lemoine.** Double pure white, very fine. The above five varieties—3 to 4 feet, \$1.00 each; 2 to 3 feet, 80 cts. each, \$7.50 per 10.

FORSYTHIA. Golden Bell. One of the first shrubs to bloom in the spring; masses of bright golden yellow flowers before the leaves appear.

Suspensa. Graceful shrub with long slender branches; dark green foliage; can be trained on trellises or arches.

Intermedia. The first to bloom, more upright grower than Suspensa.

Viridissima. Tall grower with golden flowers. 3 to 4 feet, 75 cts. each, \$5.00 for 10.

HYDRANGEA. Arborescens Grandiflora. Banks of Snow. All summer flowering shrub; large, pure white flowers. Heads often 10 inches across. A grand new hardy shrub. 2 to 3 feet, 75 cts. each, 10 for \$5.00.

Paniculta Grandiflora. This grand old shrub is one of the most showy shrubs during August and September. Massive white blooms, pure white, turning to pink and then to bronze. Can be grown in tree form for specimen or kept low for mass plantings. 2 to 3 feet, 90 cts. each.

LONICERAS. High Bush Honeysuckles. Bright, pretty, fragrant flowers in spring followed by showy berries through the fall and early winter. A wonderful plant to attract birds. A very good hedge plant.

Fragrantissima. Pink and white flowers early in spring; fragrant.

Morrowii. 4 to 6 feet; pure white flowers early in spring, followed by bright red berries.

Rubra. Deep rose pink; flowers in June. The above five sorts—2 to 3 feet, 50 cts each; 3 to 4 feet, 80 cts. each.

PHILADELPHUS. Mock Orange. **Avelanche.** Very large fragrant flowers on slender branches which arch gracefully to the ground.

Grandiflorus. Very large white flowers in June. **Lemoines Erectus.** Tall shrub, fine foliage, creamy white flowers in June.

The above three varieties—3 to 4 feet, 75 cts. each, \$5.00 per ten.

SYMPHORICARPUS, RACEMOSUS. Snow Berry. Small shrub, small pink and white flowers in July and August. Clusters of waxy white berries in the autumn. 3 to 4 feet, 80 cts. each, \$7.00 for 10.

Vulgaris. Coral berry. Small shrub, dark green foliage, dark red fruits clusters around graceful branches. Valuable plant for dry shady positions. 2 to 3 feet, 75 cts. each, \$4.00 per ten.

SPIREAS. Arguta Multiflora. Snow Garland. Drooping branches. A snowy mass of clear white flowers in May. 2 to 3 feet, 70 cts. each.

Opuifolia, Nine Bark. Tall grower, 8 to 10 feet; white flowers in June, turning to a dark red. 3 to 4 feet, 75 cts. each.

Pruniflora, Bridal Wreath. Very effective shrub covered with small double white flowers. 3 to 4 feet, 75 cts. each.

Anthony Waterer. Blooms all summer with panicles of crimson flowers. 18 to 24 inches, 75 cts.

Van Houttei. The grandest of all the Spireas, and one of the best flowering shrubs. Wonderful show of bloom in late May and early June. 2 to 3 feet, 75 cts. each; 3 to 4 feet, 85 cts. each, \$6.00 per 10.

Callosa Alba. Large flat clusters of white flowers nearly all season.

Thunbergii. Fine shrub, 3 to 4 feet, having graceful arching branches with long sprays of white flowers in early spring. The three last varieties of dwarf Spireas, 2 to 3 feet, 75 cts. each, \$5.00 per 10.

VIBURNUM. Opulus Sterilis. The old-time snowball. White balls of pure white flowers. As a rule in full bloom Decoration Day. 75 cts.

Plicatum. Japanese Snowball. Of erect, compact growth. A solid mass of pure white in June. 3 to 4 feet, \$1.00 each.

WEIGELIA. Beautiful, free blooming shrubs, much used in borders and as specimen plants for the lawn.

Candida. 4 to 6 feet. Pure white blooms in great profusion in June.

Eva. Rathka. One of the most valuable. Flowers deep carmine red. June and July. 2 to 3 feet, 60 cts.

WISTERIA. Pale blue flowers. 2 to 3 feet, 90 cts.

HEDGE PLANTS

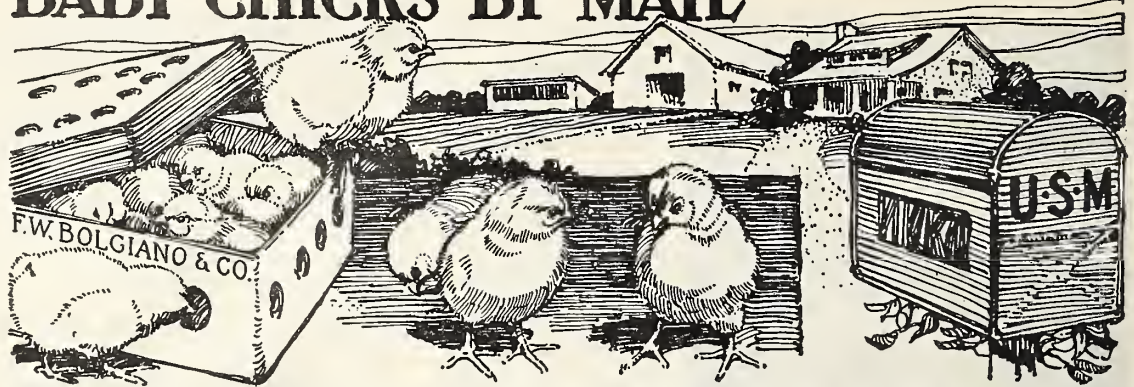
Japanese Barberry. The best and most practical low hedge plant. It also makes a good footing or base planting near the house or as a border plant in front of tall growing shrubs. They can be allowed to grow naturally or pruned into any hedge form desired.

	Per 10.	100.
12 to 18 inches.....	\$3.00	\$20.00
18 to 24 inches.....	4.50	35.00

California Privet. The best known hedge plant. Dark green foliage which hangs to the plant until midwinter.

	Per 10.	100.
12 to 18 inches.....	\$1.25	\$ 8.00
18 to 24 inches.....	1.40	10.00
2 to 3 feet.....	1.50	12.50
4 to 5 feet.....	2.00	17.50

BABY CHICKS BY MAIL



The elimination of doubt in incubating eggs has been such a boon to poultry raisers that the baby chick business, at first a subject of ridicule, has become one of the largest departments of the poultry business.

Our trade in baby chicks has increased with such rapidity that it is almost impossible to tell with absolute certainty what proportions our sales will be the coming season. Nevertheless, we know that the safest plan for our friends to follow is not to wait until late in the season or until a few days before you wish the chicks, but to order early and be sure of getting your order in good time.

Be sure when writing us that your full name and post-office is very plainly given. State plainly the number and variety of chicks you want, when wanted, and we will acknowledge receipt of your order at once, and tell you about when the chicks will be shipped.

Cash must be sent with your order, for we cannot ship C. O. D., by express or parcel post.

We guarantee to deliver 97 per cent of the Baby Chicks to you in good condition.

Examine the Shipments

On arrival open box, if any chicks are dead have postman mark number on the back of the receipt and return the receipt to us, and we will refund your money for them or replace them free of charge. In this way you have no loss and get full number you pay for. We have successfully shipped baby chicks 1,000 miles and can guarantee safe arrival.

All claims must be made within twenty-four hours, together with a statement from your postmaster, showing the chicks were received in poor condition.

Have the brooder warmed up and ready to receive and care for the chicks properly.

Don't give baby chicks cold water to drink. Don't over-feed chicks. Either of the above will start bowel troubles. Feed liberally, so long as they keep active. Keep their backs warm.

Single Comb White Leghorns

The ever-increasing demand for Leghorn eggs in the New York market has led observing poultrymen and farmers to look to the Leghorn hen for highly profitable results.

"America's Business Hen" has proven a winner, and to-day there are hundreds of large and small commercial Leghorn farms successfully operated in New York, New Jersey, Maryland and right through to the South and far Western coast.

Single Comb Brown Leghorns

That the modern Single Comb Brown Leghorn is the most beautiful variety in color and markings of the Leghorn family is generally admitted.

Many breeders of Brown Leghorns consider their egg-producing quality of very great importance. They lay a well-shaped white egg, weighing from 24 to 26 ounces to the dozen.

Barred Plymouth Rocks

The Barred Plymouth Rock is most widely known as a general purpose fowl, a breed which has proven its value as a market fowl and an egg producer. They are extremely and well adapted as a profitable and popular farm flock.

We breed for constitutional vigor, thereby maintaining the greatest vitality of the flock to attain as high an egg production as is consistent with retained vitality.

Rhode Island Reds

As a "business hen" for eggs and meat they are hard to beat. They lay a well-shaped, good-sized brown egg, and mostly uniform in shape, size and color.

The matured feathering of the Rhode Island Red is not as yet uniform in coloring. This is being improved each year, to the great credit of hundreds of our best breeders of America.

We can also supply other varieties you may wish, and will gladly answer your inquiries with lists and prices.

BABY CHICKS AND EGGS

Variety.	25 Chicks.	50 Chicks.	100 Chicks.	500 Chicks.	15 Eggs.	50 Eggs.	100. Eggs.
S. C. White Leghorns	\$6.00	\$11.00	\$20.00	\$95.00	\$3.00	\$7.00	\$12.00
S. C. Brown Leghorns	6.00	11.00	20.00	95.00			
Barred Plymouth Rocks	6.50	12.00	22.00	105.00	3.00	7.00	12.00
S. C. Rhode Island Reds	6.50	12.00	22.00	105.00	3.00	7.00	12.00
S. C. Black Minorcas	7.00	13.00	25.00	120.00	3.00	7.00	12.00
White Wyandottes	7.00	13.00	25.00	120.00	3.00	7.00	12.00

If prices are reduced at the time of shipment the purchaser will be proportionately credited with the amount due or enough additional Chicks shipped to make up the difference, or money will be refunded.

If Chicks ordered are not wanted for a month or more, 25 per cent of payment is all that is required at the time of placing order. Balance must be paid ten days before date given for shipment. All orders are acknowledged same day received, with approximate date of shipment given.

“Everything for the Poultryman”

CONSULT THE MANAGER OF OUR POULTRY SUPPLY DEPARTMENT

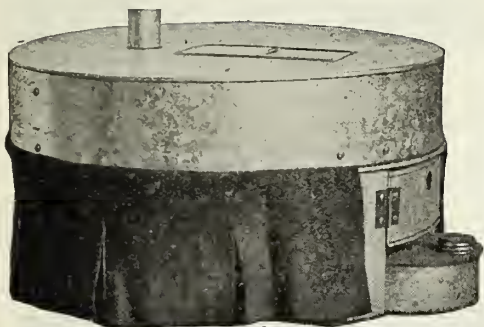
When we started our Poultry Department our aim was to be the largest and best known in this city, and we are rapidly reaching our goal. This is an indication that we have pleased our customers.

Look over this section of our catalogue, no matter how few chickens you keep; you will find something that will be a labor-saver and a profit-maker.

If you cannot find what you want in this catalogue, we have it at the store, or can get it for you without a minute's unnecessary delay. Be sure to get a bottle of FER-SUL, see page 62.

PRAIRIE STATE INCUBATORS AND BROODERS

Home Hover



Families having hatches of 40 to 50 chicks need a Hover that will care for their chicks, keep them in good condition; it must be light, easily attended to and positive in operation.

We recommend this Hover because we have

sold it for years with satisfaction, and because it is made by the best incubator people in this country, we believe; low in price, easily handled to clean, and positive in action.

If you are going to raise chicks, get one of these.

50-chick size.....\$5.50

Prairie State Incubators Are Built to “Hatch Chicks That Live”

FORTY YEARS AT IT BRINGS SUCCESS

Real merit always stands out, and it is this quality which has given to Prairie State incubators and brooders the reputation they have long enjoyed of being the best in the world. Ask any poultry expert—any poultryman who makes poultry-raising his life work—the man who knows, and he will tell you that the Prairie State heads them all.

No. 0 STANDARD SERIES SAND TRAY INCUBATOR.

Price, \$30.00 f. o. b. Washington. Capacity, 100 hen eggs. Dimensions—Top, 25 by 30 ½ inches. Total height, 38 ins. Weight, crated—about 135 pounds. Weight, net—about 87 pounds. Equipment—1 galvanized hardware cloth egg tray, 1 thermometer, tested and mounted; 1 egg tester, 2 non-roll slats, 1 removable burlap mat, extra wicks, one-piece seamless lamp, galvanized sand tray, operating directions—everything complete, ready to run, except the eggs and oil.

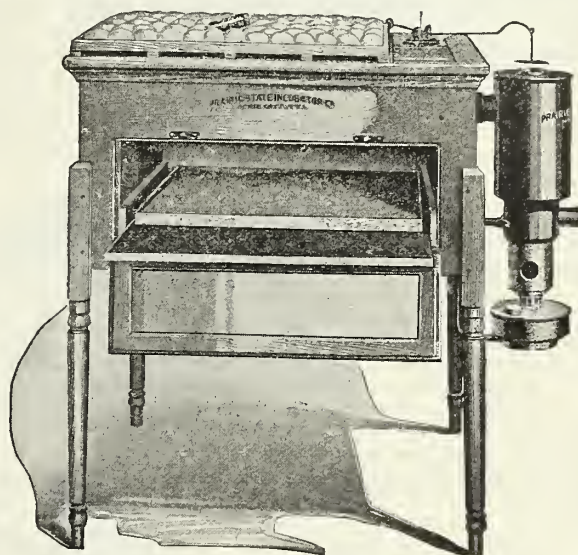
No. 1 STANDARD SERIES SAND TRAY INCUBATOR.

Price, \$37.50. Capacity, 150 hen eggs, 115 duck eggs. Dimensions—Top, 29 by 34 inches, 17 inches deep. Total height, 39 ½ inches. Weight, crated—about 160 pounds. Weight, net—about 108 pounds. Equipment—1 galvanized hardware cloth egg tray, 1 thermometer, tested and mounted; 1 egg tester, 2 non-roll slats, 1 removable burlap mat, extra wicks, one-piece seamless lamp, galvanized sand tray, operating directions—everything complete, ready to run, except eggs and oil.

No. 2 STANDARD SERIES SAND TRAY INCUBATOR.

Price, crated, \$52.50. Capacity, 240 hen eggs, 200 duck

eggs. Dimensions—Top, 38 by 40 ½ inches; 20 ½ inches deep. Total height, 42 inches. Weight, crated—about 240 pounds. Weight, net—about 175 pounds. Equipment—2 galvanized hardware cloth egg trays, 2 thermometers, mounted and tested; 1 egg tester, 4 non-roll slats, 2 removable burlap mats, extra wicks, one-piece seamless lamp, 2 galvanized sand trays, operating directions—everything complete, ready to run, except eggs and oil.



No. 3 STANDARD SERIES SAND TRAY INCUBATOR. Price, crated, \$67.50. Capacity, 390 hen eggs, 300 duck eggs. Dimensions—Top, 48 by 45 ½ inches; 20 ½ inches deep. Total height, 42 inches. Weight, crated—about 275 pounds. Weight, net—about 220 pounds. Equipment—2 galvanized hardware cloth egg trays, 2 thermometers, mounted and tested; 1 egg tester, 4 non-roll slats, 2 removable burlap mats, extra wicks, one-piece seamless lamp, 2 galvanized sand trays, operating directions—everything complete, ready to run, except eggs and oil.

Cypress Case. The outer case is of cypress, known as the wood everlasting. The particular wood employed in constructing an incubator case has no bearing upon the hatching qualities of the machine. We have selected cypress at a considerable cost to ourselves over other woods because it is the most durable under all possible atmospheric or climatic conditions, and because it takes so well the beautiful natural-wood finish characteristic of Prairie State incubators. The inner case, or egg-chamber, is constructed of thoroughly seasoned soft wood, such as pine or poplar, all joints being tongued and grooved.

No sheet steel enters into the Prairie State case. A satisfactory sheet-steel case might be made, but if properly constructed would necessitate a much higher price.

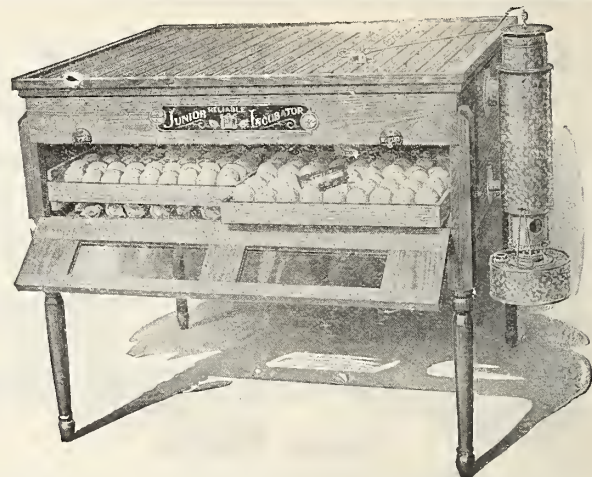
Nor do we resort to inferior substitutes, such as paste-board, burlap, oil cloth or combination board. Such materials cannot last under the varying conditions of incubator use.

Reliable Standard Incubators

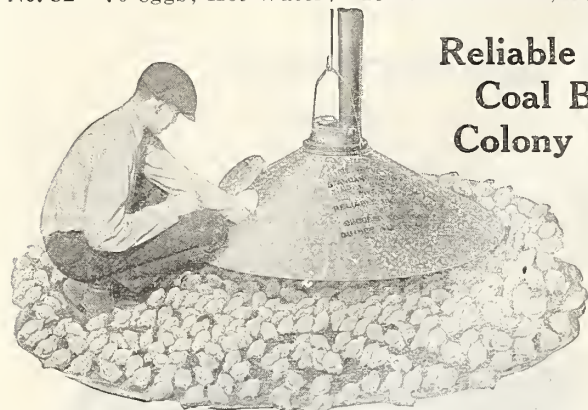
"Reliable Because Right"
Reliable Junior Incubator

Finished in natural color with three coats of the best grade filler and varnish. Solid copper tank on all hot water machines. The heaters and lamps are made of steel. Equipped with positive regulators that are very accurate and easy to adjust. Nursery beneath egg tray for chickens to drop into after being hatched. Removable Nursery Tray.

No. 81—70 eggs; Hot Air; size 18x20x14 ins.; wgt. 46 lbs... \$15.50
 No. 82—70 eggs; Hot Water; size 18x20x14 ins.; wgt. 53 lbs.. 17.00



Reliable Standard Coal Burning Colony Brooder



It Gives Steady Heat
It is Safe and Durable
It is Easy to Clean
It Burns Soft or Hard Coal

It is Self-Feeding
It is Self-Regulating
It is a Big Time Saver
It is Simple and Economical

It Has All the Latest Improvements
It is Guaranteed to Give Satisfaction

Chestnut hard coal is recommended for use in this Brooder, but soft coal may be satisfactorily used with our Four-inch Flue.

Here is another Colony Brooder improvement. A Screw Plate Draft is placed on the ash pit door, which permits draft to be opened as much as necessary for the proper combustion of soft coal. This draft is also helpful in starting a hard coal fire.

Another big feature on this brooder is that the regulators are equipped with two double disc thermostat wafers which are very durable and sensitive. This of course insures positive regulation of the check draft.

No. 9—Canopy, 42 in.; capacity, 500 or less; height, 22 in.; diam. cylinder, 10 in.; diam. grate, 9 in.; shipping wgt., 80 lbs.. \$21.50

No. 10—Canopy, 52 in.; capacity, 1000 or less; height, 26 in.; diam. cylinder, 13 in.; diam. grate, 11 in.; shipping wgt. 106 lbs..\$26.50

All Standard Reliable Incubators have a chicken Nursery beneath Egg Tray where chicks can drop and keep out of the way of those hatching. All Standard Reliable Incubators have two glass doors.

All Standard Reliable Incubators have Double Heating System and can be run with one-third less oil than other makes. The Heaters are all encased so no cold air comes in contact with Heater. This saves waste of Heat.

If you want maximum hatching healthy chicks, and greater profits, your choice will be a Reliable—the incubator that has made an unbeatable record at every Exhibit and Fair the world over where it has been shown.



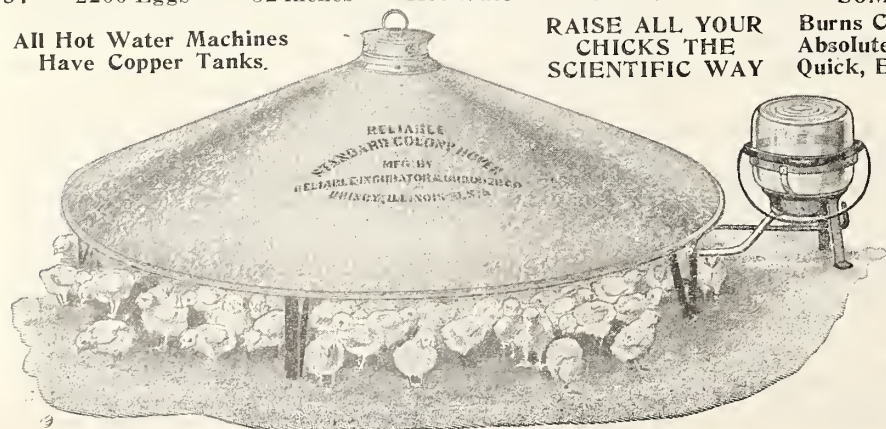
Reliable Standard Blue Flame Wickless Oil Heated Colony Hover—Detailed

SOME OF THE PRINCIPAL FEATURES:

Burns Coal Oil or Kerosene	Works On an Oil Level
Absolute Flame Control	Economy of Operation
Quick, Easy Adjustment	No Flue—Portable
Simple in Construction	Convenient and Safe
No Valves or Packing Nuts	Steady Blue Flame
No Oil Fumes, Smoke or Gas	Indicator Dial for Adjusting Flame
Comfortable, Easy to Operate	No Cold Corners
No Overflowing of Burner	No Clogging or Stopping of Oil Flow
	No Leaks

RAISE ALL YOUR CHICKS THE SCIENTIFIC WAY

All Hot Water Machines Have Copper Tanks.

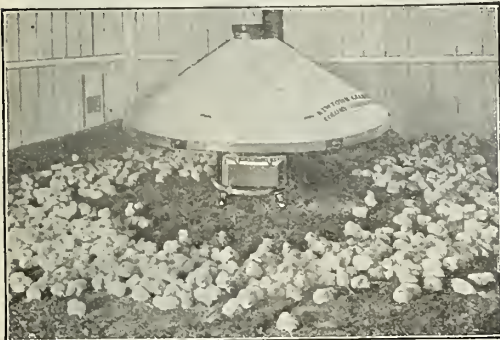


SIZES AND PRICES:

No.	Size Hover.	Capacity Chicks.	Weight Complete.	Price.
0	30 in.	350 or less	30 lbs.	\$17.50
1	42 in.	500 or less	38 lbs.	18.50
2	52 in.	1000 or less	45 lbs.	21.50

Newtown Colony Brooder

The Newtown is the original Coal-burning, Self-feeding, Self-regulating Colony Brooder—the machine which actually revolutionized poultry raising—which has been imitated but never equalled



Newtown Colony Brooder.

use under all conditions it has been brought to a point of perfection in the details of construction. The Newtown is not an experiment—it has made good. The purchaser of this time-tested Brooder runs no risk; he knows it will give satisfaction. More Newtowns are in successful operation than all other makes of coal-burning Colony Brooders combined.

Size.	Diameter Deflector.	Weight Crated.	From Floor to Deflector.	Diameter Grate.	Fuel Capacity Weight.	Size Smoke Pipe.	Price.
6	42 in.	110 lbs.	9 in.	11 in.	30 lbs.	3 in.	\$22.50
7	48 in.	140 lbs.	9 in.	11 in.	39 lbs.	3 in.	25.00
11	50 in.	195 lbs.	12 in.	11 in.	48 lbs.	4 in.	32.50
12	56 in.	280 lbs.	14 in.	15 in.	60 lbs.	5 in.	40.00

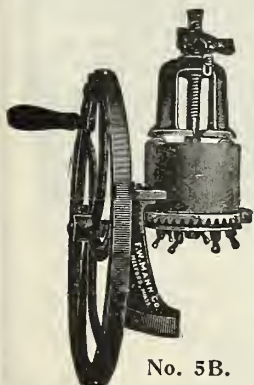
The Nos. 6 and 7 Newtown Coal-burning Colony Brooders were designed especially for single room brooder houses, approximately 6x8 to 10x12, and flocks of 200 to 300 chicks.

The Nos. 11 and 12 Brooders were designed especially for two-room colony houses, or large single room buildings. The No. 11 for approximately 240 square feet and up to 500 chicks, and the No. 12 for 400 sq. ft. and up to 1,000 chicks.

THE NEWTOWN GIANT INCUBATOR

Is recognized by all leading chicken growers as the best for big work. They are so much in demand that orders have to be taken at least forty days ahead of delivery time. Capacity, 1,200 to 2,400 eggs. Prices on application.

Mann's New Model Bone Cutters



No. 5B.

The easiest running and the most rapid, green bone cutting machine made. Has a perfect automatic and self-governing feed. Adjustable to cut coarse or fine, fast or slow. The hinged open cylinder is easy to clean and adjust without taking the machine apart. The bones are dropped in the open cylinder, no careful feeding or packing necessary. The machine regulates itself to the resistance of various size bones.

The special steel knives keep their keen edge a long time, but can be easily ground sharp when needed.

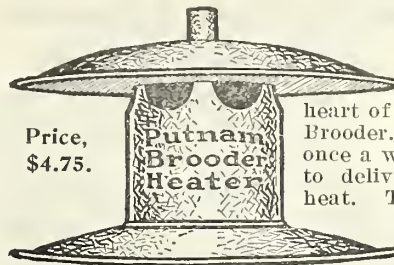
No. 231. Style 5B. With balance wheel; diam. of cylinder 6 inches; shipping wgt. 60 lbs. Each..\$12.50

No. 232. Style 5BM. With balance wheel and mounted on heavy iron stand; diam. of cylinder, 6 inches; shipping weight, 85 lbs. Each.....\$16.00

The One Perfect Brooder.

It has thoroughly demonstrated its right to be called "The One Perfect Brooder," and justly claimed to be superior to any Colony Brooder on the market. Thru years of practical tests and

Brooder Heater



Price, \$4.75.

This fire-safe Putnam Brooder - Heater is the heart of the Putnam Home-Made Brooder. It requires tending only once a week and can be relied on to deliver a regular supply of heat. This practical brooder is made of a shoe box approximately 32 inches long, 16 inches wide and 10 inches deep. It will accommodate from 30 to 60 chicks. The entire cost, including the Putnam Brooder Heater need not exceed \$4.96.

THE LITTLE PUTNAM STOVE

The Little Putnam Stove is used under the drinking vessel in the poultry house to keep the water from freezing during winter months. It is also used as the heat element in the Putnam Home-Made Oat Sprouter. The Little Putnam Stove does not furnish hot water to the birds, but water at that tonic temperature which they best relish. Plenty of such drinking water increases the amount of food digested and assimilated, thus promoting growth and increasing the egg supply.



Price, each \$2.00.

Moe's Double Feeding Troughs

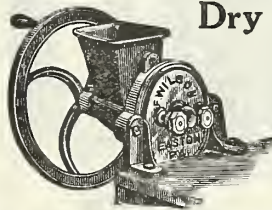


For Chicks and Growing Stock.

Made of best quality galvanized iron, accurately stamped with dies. No sharp or rough edges to injure the chicks. Sliding top. Easy to fill and clean. Made in three sizes.

12 inches long; shipping weight, 1 lb. Each.....\$.45
 18 inches long; shipping weight, 1½ lbs. Each..... .60
 24 inches long; shipping weight, 2 lbs. Each..... .70

Dry Bone and Shell Mills



Made for grinding dry bones, shells, grain and many other substances for poultry. Can also be furnished with iron legs if desired. Price, complete (as shown in cut) \$5.75. With Iron Legs, \$8.00.

Egg-O-Latum

Egg-O-Latum is a soft, white, preservative wax. First applied to the palms of your hands to warm and soften the Egg-O-Latum—then rubbed on the eggs. A dozen per minute can be handled in this way. Do not wash the eggs. Egg-O-Latum keeps indefinitely. Two sizes.

For 50 doz. eggs....50 cts. For 200 doz. eggs....\$1.00

"Standard" Dust Bath

A Natural, Effective and Inexpensive Lice Exterminator

Why not let the hens and chickens cleanse themselves, whenever they feel like it, in a natural way? Instinctively, they take the only kind of a bath they know of, in the dust, to rid themselves of vermin and insects. But ordinary dust is not effective. "Standard" Dust Bath is something that practical poultry raisers have long been looking for.

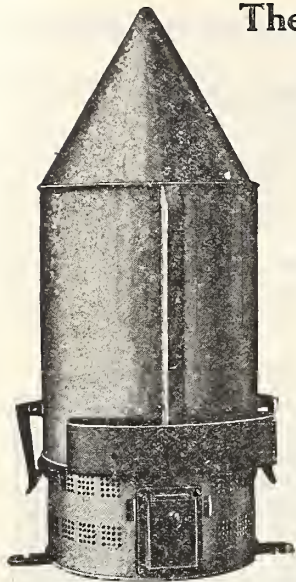
5 pound sample bag, parcel post prepaid.....\$.30
 50 pound bag, f. o. b., Washington, D. C..... 2.25
 100 pound bag, f. o. b., Washington, D. C..... 3.50

The Norwich Automatic Air-Lock Fountain

The most perfect device ever placed on the market for automatically supplying pure, fresh water in the poultry house. It is a physical and absolute impossibility to contaminate or pollute the water supply, and requires cleaning about once in three months only. Guaranteed frost-proof to ten degrees below zero, and has been operated at twenty-eight below without being affected. Fitted with detachable cup, removable oil chamber, heat generator, etc. Passed by Fire Underwriters.

Made in one size only, five gallons capacity. Shipping weight, 14 pounds.

Price, complete with Burner Base..... \$6.00

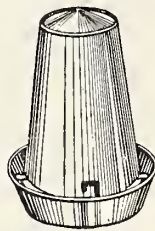


Cone Fountain

For Chickens and Pigeons. A new and practical drinking fountain. A two-part attachable fountain. Chickens or pigeons can drink all around it, but cannot get into it or foul it. It being attachable makes it easy to move from place to place, and it is not easy to tip over. Made in two sizes—

1 Quart.....30c 2 Quart.....40c

Postage, 5 cts. extra.



The Duplex Fountain

Top section slides into bottom section.

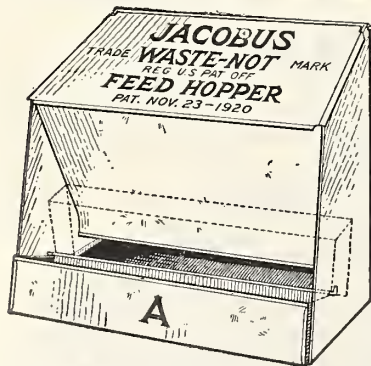
The latest and the most practical sanitary fountain on the market. A double fountain. Keeps the water clean and pure and is easy to care for. Made in two sizes, four quart and eight quart.

4 Qt. 3 lbs... \$1.10
8 Qt. 4 lbs... 1.35



Jacobus Waste-Not Feed Hopper

The food the birds hook out of the feeding trough or drop from their beaks when feeding from a Jacobus Waste-Not Feed Hopper is not lost as with other hoppers, because as it falls it is caught in the catch tray, marked "A," which is in front of the feed trough, and so covered with a wire that the birds cannot reach and waste the food after it has fallen into said catch tray. The catch trays are hinged so that they can be inverted (see dotted lines in cut) to return the collected food to the hoppers, and when so inverted these trays also close the hoppers against rats and mice for the night.



1/2 bushel size, 7 lbs... \$3.75 1 bushel size.....\$5.75

Moe's Round Baby Chick Feeder

The Most Convenient and Commodious Feeder On the Market for the Price.

A great feed saver, as the little chicks cannot get into it and contaminate the feed. It can also be



used for water. This is a practical, well-made feeding device that will last for years. Made of the best grade of galvanized iron.

Small Size, wgt. 6 ozs.... 15 cts.

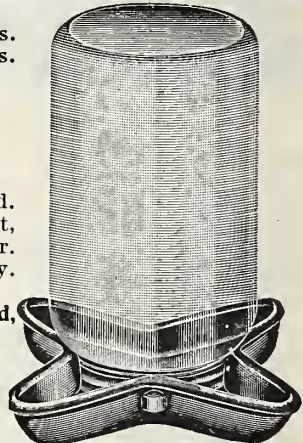
Large Size, wgt. 12 ozs.... 25 cts.

Postage, 7 cts. extra.

Moe's Star Jar Fountain and Feeder

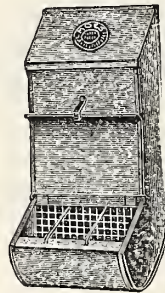
No parts to come unsoldered. Leaking impossible. Will fit pint, quart or half-gallon Mason jar. Convenient, cheap and sanitary. One size only. Weight, 1/4 lb.

Price, 10 cts. Two, postpaid, 25 cts.



Dry Mash Hopper

Will not waste the feed. Cannot clog, being wider at bottom than top. Curved bottom throws last bit of feed to front.

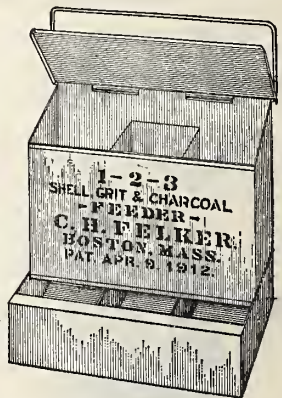


No.	Hgt.	Width.	Wgt.	Cap.	Price.
35	19 in.	8 1/2 in.	5 lbs.	10 qts.	\$1.50
36	19 in.	12 in.	6 lbs.	14 qts.	2.00
13	19 in.	18 in.	8 lbs.	22 qts.	2.40
37	19 in.	24 in.	11 lbs.	32 qts.	2.80
		36 in.	15 lbs.		3.75

1-2-3 Poultry Feeder

1-2-3 Feeder is used for dry mash, scraps, shells, grit, charcoal or any poultry feed. When used for one kind of feed only, take out separator; two kinds, put separator in one end. When used for three kinds—say scraps, shells and grit—put separator in middle and you have three separate feeders. No. 1, Small size, 2 lbs...\$1.00

No. 2, Large size, 5 lbs.. 1.35



Peerless Fountain

The water is always pure. It is easy to clean and fill. Fowl cannot injure their combs while drinking. Simple in construction, durable and practical.

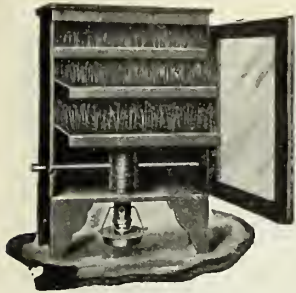


1 Quart.....\$.35

Brooder Size, 5 qts., wgt. 2 lbs..... .85

10 Quart, wgt. 3 lbs..... 1.25

ADD POSTAGE FOR YOUR ZONE



Reliable Grain and Oat Sprouter

Sprouted oats will make hens lay. The Reliable Sprouter will sprout oats in three days. They have galvanized iron panels, large glass doors so light can enter.

- 3 Tray. For 50 chickens. \$11.50
- 6 Tray. For 100 chickens. 17.50
- 12 Tray. For 200 chickens. 28.00

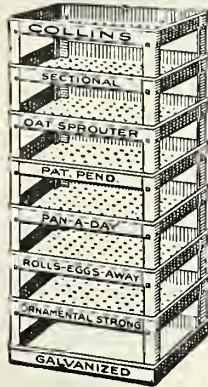
Collins Oat Sprouter

Sprouted oats are positively the best and cheapest green food.

This Oat Sprouter will supply green food for 150 hens.

It is no longer necessary for the manufacturer of an Oat Sprouter to urge the feeding of sprouted oats, because sprouted oats are recognized as the only practical, sensible and effective way of furnishing poultry the green feed they must have if they are to lay prolifically during the winter.

Made of galvanized iron and will last for years.



Nests in Corrugated Boxes 4 Inches High

- 8 Pans—11x15, the Popular Size. Weight 14 lbs....\$4.00
- 5 Pans—11x15, small back yard size. Wgt. 9 lbs.... 3.00
- 8 Pans—11x32, for BIG Business. Wgt. 28 lbs..... 8.00

The Junior Chick Feeder

It is practical and sanitary. It will not waste feed. Chicks cannot foul it. Can be used for dry mash, hard grain, sour milk or water. Made in two sizes—12-inch, 25 cts., and 20-inch, 35 cts.



Incubator and Brooder Thermometers

- Incubator Thermometers, Metal.....\$.75
- Brooder Thermometers, Wood..... .75
- Brooder Thermometers, Metal..... .50
- Moisture Gage for Incubators..... 1.50



It is perfectly safe to mark chicks with this Punch soon as hatched. Mark them all and know their age.

Price25 cts.



\$3.50



\$5.00

Celluloid Leg Bands

Made in sizes to fit all breeds, even chicks and pigeons. Eight colors — black, white, blue, dark blue, cherry, red, amber, and green. When ordering state breed and color wanted.

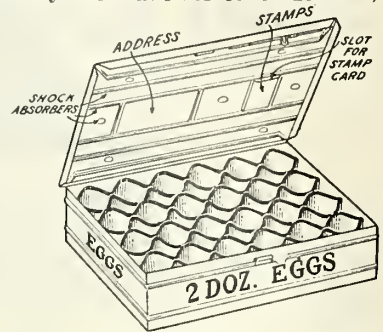
- 12 for.....20 cts. 50 for.....40 cts.
- 25 for.....30 cts. 100 for.....75 cts.

Aluminized Metal Egg Crates

Solve the problem of shipping eggs, butter and other farm products by Parcel Post. They are made for continued use, being of strong construction, but light in weight.

All crates are provided with built-in shock absorbers to give a cushion for the eggs. Fillers to hold the eggs are made for a long life.

Metal Egg Crates do not require any outside wrapping for mailing. A short string only is needed for tying "pin" which holds lid securely closed.



- 1 1/2 doz. Size. All eggs. Weight empty 3 lbs.....\$1.25
- 2 doz. Size. All eggs. Weight empty 3 lbs..... 1.50
- 3 doz. Size. All eggs. Weight empty 4 lbs..... 1.75
- 4 doz. Size. All eggs. Weight empty 5 lbs..... 2.00
- 6 doz. Size. All eggs. Weight empty 6 lbs..... 2.50

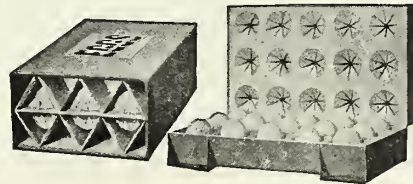
Combination Crates

WITH BUTTER CONTAINERS

- No. 1—2 lbs. and 1 doz. eggs. Weight empty 3 lbs....\$1.50
- No. 2—4 lbs. and 2 doz. eggs. Weight empty 4 lbs.... 2.00
- No. 3—4 lbs. and 3 doz. eggs. Weight empty 5 lbs.... 2.25
- No. 4—6 lbs. (three 2-lb. containers)..... 2.25

Add postage to destination.

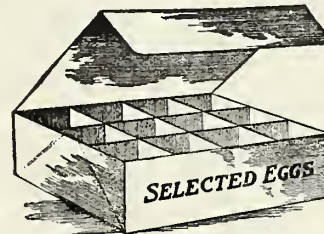
Parcel Post Egg Boxes



Of Heavy Cardboard
Most practical way of shipping eggs.

Boxes holding

- 1 doz. eggs. .25 cts.
- 2 doz. eggs. .40 cts.
- 3 doz. eggs. .50 cts.
- 4 doz. eggs. .60 cts.
- 15 eggs.....30 cts.



IDEAL EGG BOX

This is an Ideal Box for handling retail Egg trade, presenting the goods to the customers in an attractive package with the minimum amount of trouble for the seller. They knock down in a very compact shape, and the prices which we name are extremely reasonable.

One dozen size—15 cts. per doz.; \$1.00 per 100; \$2.25 per package of 250; \$7.50 per 1,000.

- EGG CARRIER. Per 12 dozen.....\$1.30
- EGG CASE FILLERS. One set of 10..... .20
- One case of 10 sets..... 1.50
- CHALK NEST EGGS. 3 cts. each; per dozen..... .30
- GLASS NEST EGGS. 3 cts. each; per dozen..... .30

Wire Nests

These nests are made of heavy coppered wire, fully braced and will hold their shape longer than other nests on the market. Lice proof. Price, 35 cts.

Leg Bands

ADJUSTABLE



- Numbered 1 to 12.....20 cts. 1 to 50.....40 cts.
- 1 to 25.....30 cts. 1 to 100.....75 cts.

ADD POSTAGE FOR YOUR ZONE



A commercial disinfectant and antiseptic that is non-poisonous, odorless and at the same time a tonic is a novelty. For these reasons, if for no others, FER-SUL merits your investigation. FER-SUL kills most bacteria and germs when brought in contact with them and neutralizes most putrescent odors; it also destroys certain weaker forms of vermin.

As FER-SUL has no odor it cannot injure dairy products with its smell.

For a general cleaning up of unsanitary conditions or the removing of ordinary barnyard odors, a liberal spraying of a 5% solution (1 pint of "FER-SUL" to 20 pints of water) will effect the desired result. If the conditions are offensive or if disease has broken out among horses, cattle or swine, use, at first, a 10% solution (1 pint of "FER-SUL" to 10 pints of water), and repeat daily with 5% solution.

FER-SUL, being a liquid, is adapted, naturally, for spraying or sprinkling. It should be used regularly and liberally in the dairy and on poultry farms, and in all barns, stables, pigstys, coops, cesspools, privies, or, in fact, wherever contagion is likely to lurk. When used as directed, no fear need be felt from the after-effects.

FER-SUL has two very marked properties: One, that of a germicide, and the other a tonic. One active in killing disease, the other in restoring health. Detailed instructions for its use in the specific troubles or maladies we have investigated, can be obtained by postal request. 12 ozs., 75 cts.; quart, \$1.25; gallon, \$3.00.

Pratts Buttermilk Baby Chick Food

The first three weeks is the critical time of a chick's life. They are tender babies and need PRATTS, the original "baby food for baby chicks." It is the right food because it contains only the sweetest and best of wholesome growing food elements that will meet every need of a baby chick.

Dried Buttermilk, cooked wheat, bone-building phosphates—these and a host of other splendid ingredients go to make up PRATTS BUTTERMILK BABY CHICK FOOD. Best because it gives results; cheapest because it raises more and better chicks. Always uniform, sweet, appetizing and satisfying. Used for years by thousands of the most successful poultrymen the world over. Packages 25 and 50 cts.
 14 lbs. \$1.00 50 lbs. \$3.00
 25 lbs. 1.60 100 lbs. 5.75

PRATT'S REMEDIES

- ANIMAL REGULATOR. .Pkgs. 25 & 50 cts.; 12-lb. pail, \$2.20; 25 lbs., \$3.50
- HEALING OINTMENT, per box..... 30c
- HEALING POWDER, per box..... 30c
- POULTRY REGULATOR..... 25c & 50c
- POULTRY REGULATOR, 12-lb. bag... \$1.40
- POWDERED LICE KILLER.... 25c & 50c
- HEAD LICE OINTMENT..... 30c
- LIQUID LICE KILLER..... Qt. 50c; 1/2 gal. 85c; gal. \$1.60

- RED MITE SPECIAL, cases 36 1-qt. 55c cans
- DISINFECTANT.....Qt. 55c; 2 qts. 95c; gallon \$1.60
- ROUP TABLETS..... 26c & 52c
- WHITE DIARRHOEA TABLETS. 26c & 52c
- GAPE COMPOUND (Internal and External), 32c & 63c

ADD POSTAGE FOR YOUR ZONE



Carbola is a white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. It is non-poisonous and non-caustic. It kills lice, mites, fly eggs, etc., and helps prevent the start and spread of contagious diseases that affect man, beast and fowl. Carbola is two things in one—a paint that disinfects or a disinfectant that paints. It dries a clear snow white. It saves labor, time and money. It paints and disinfects at one operation in the same time and with the same labor required to paint or disinfect only.

Carbola is recommended for use instead of whitewash in every place where whitewash ordinarily is used, and it is recommended for use instead of whitewash and disinfectants in stables, kennels, poultry houses, rabbit hutches, barns, creameries, hog pens, dairy buildings.

It is recommended for use as a disinfectant wherever one is needed and where the added light that comes from a whitened wall—which walls increase the light from 25 per cent to 50 per cent—is an advantage. Trial pkg. 30 cts.; 10 lbs. \$1.25; 50 lbs. \$5.00.

Conkey's Chicken Remedies

- Conkey's Healing Salve 25c
- Conkey's Lice Powder 25c & 50c
- Conkey's Limber Neck Remedy..... 50c
- Conkey's Roup Remedy 25c & 50c
- Conkey's Gape Cure 25c & 50c
- Conkey's Lice Killer 1 qt., 50c
- Conkey's Lice Killer 2 qts., 85c
- Conkey's Lice Liquid gal., \$1.25
- Conkey's Poultry Tonic 25c & 50c
- Conkey's Laying Tonic 25c
- Conkey's Cholera Cure 25c & 50c
- Conkey's Chicken Pox Remedy..... 50c
- Conkey's Scaley Leg Remedy..... 50c



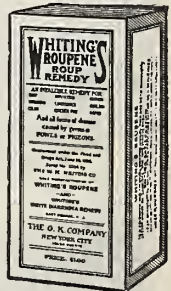
Whiting's Roupene

A positive preventive and cure for roup, canker, diphtheria, chicken pox, gapes, colds and all diseases of the respiratory organs in fowl and pigeons.

When roup symptoms are first discovered a dose or two of Roupene will kill all trace of the disease. Per bottle, 50 cts.

Whiting's W. D. Remedy

Will absolutely destroy the White Diarrhoea germ. It will cure the trouble and stop spread of disease. Per bottle, 50 cts.



Germozone

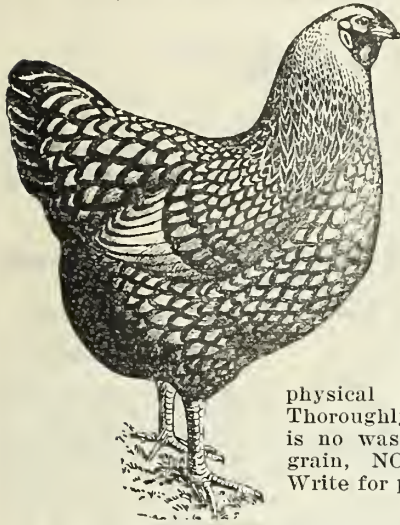
A little Germozone in the drinking water will positively cure and prevent bowel trouble of any kind, except that which is caused by lice, improper food, etc. The cause must be removed if a permanent cure is to be expected. Price, per box, 75 cts.

Weak-Nee Well

Weak-Nee Well is a life saver for little chicks, as it will positively cure leg weakness. Has never been known to fail. Is used in the feed, so there is no trouble to give it.

Boxes, 30 cts.





Good Luck Scratch Feed

STANDARD
HEN FOOD

For every day in the year. Made from a variety of sound, sweet grains and seeds (including wheat, corn, barley, kaffir, milo maize, sunflower seeds, etc.) properly balanced to keep hens in perfect physical and laying condition. Thoroughly cleaned so that there is no waste, no burnt or smutty grain, NO GRIT OR SHELLS. Write for prices.

Good Luck Baby Chick Feed

SAVES LITTLE CHICKS

Composed of choice grains and seeds — carefully selected — perfectly granulated to precisely the right degree for the youngsters, and screened clean of all fine stuff.



This makes a perfectly balanced ration for healthy, hearty and rapid chick development, as well as digestive results. Avoid feeding meal or mash foods or table scraps to young chickens. In using BOLGIANO'S BABY CHICK FEED according to directions you will never lose a chick from feeding cause. NO GRIT. Write for prices.

Alfalfa Meal

This is a green feed all the year round. Everyone knows that alfalfa is fast supplanting clover. It is very high in protein, and furnishes the chicks a growing food which, at the same time, has a medicinal value. Its value as a helpful egg food is unquestioned. 6 lbs. 25 cts.; 50 lbs. \$1.65; per 100-lb. sack, \$3.25.

Short Cut Alfalfa Clover

No mash is complete without it. Aside from food value, it has high medicinal properties. 95 per cent pure clover. 6 lbs. 25 cts.; 10 lbs. 35 cts.; 100 lbs. \$3.25.

Dried Milk Albumen

A fine meat substitute for Poultry—for Baby Chicks. It produces health and vigor. In laying hens it gives the proper vigor for the best results in Egg production. We recommend this product to Poultry Raisers who grow for profit. 1 lb. 12 cts.; 5 lbs. 50 cts.; 10 lbs. 90 cts.; 100 lbs. \$7.75.

Sunflower

A good rich food for all kinds of poultry; especially necessary during molting period. 10 cts. per lb.

Hemp Seed

Wholesome and well liked by pigeons and parrots. Per lb., 10 cts.

Bird Rape—Canary

These two make a good balanced ration for canaries. Per lb., 10 cts.

Pigeon Feed

This is the best mixture of good sound grain we have ever seen, and is the result of many years' experience. Forms a balanced ration that will make pigeons grow and keep them healthy. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 50 lbs. \$2.00; 100 lbs. \$3.25.

Good Luck Meat Meal

Our sales amount to something over 50 tons per year. Why is this? We contend that we give more real value in our MEAT MEAL than any other firm. It makes chickens lay—it keeps them active and healthy. 1 lb. 10 cts.; 10 lbs. 60 cts.; 100 lbs. \$3.65.

Mica Spar Crystal Grit

One of the sharpest and hardest grits known. 10 lbs. 20 cts.; 100 lbs. \$1.00.

Poultry Mash Feed

A combination of ground grain, alfalfa meal, meat meal and everything necessary for producing a large egg yield. Mix with hot water and it is ready to serve. 10 lbs. 50 cts.; 100 lbs. \$3.65.

Crushed Oyster Shells

Important as an eggshell maker and promoter of health. Our shell is clean and free from waste. No. 3 for chicks. No. 2 for adults. 10 lbs. 20 cts.; 100 lbs. \$1.00.

Charcoal

Aids digestion and promotes health of chicks to a wonderful extent. No poultryman can afford to be without it. Specially prepared and guaranteed pure. Grade "3X," medium chick size, and grade "4X," coarse granulated. 2 lbs. 15 cts.; 5 lbs. 30 cts.; 10 lbs. 50 cts.; 50 lbs. \$2.00.

Cracked Bone for Poultry

This article is manufactured from fresh, clean bones, and is perfectly pure and sweet. No chemicals whatever are applied to them in the course of manufacture. Should be fed to the poultry daily, like grain or any other feed. An excellent bone and egg producer, keeping the fowls strong on their legs and largely increasing their laying qualities. Especially valuable for young and growing chicks. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 100-lb. sack, \$4.25.

Canada Peas

The best pigeon food; also good to sow for hay or plowing under as green manure. 10 cts. per lb.

Kaffir Corn

A splendid substitute for wheat and just the right size to feed without cracking, very palatable and a producer of healthy hens. 5 cts. per lb.

Steel Cut Oats

Unexcelled for baby and growing chicks. One of the best ingredients of any food used just after the chick starter. Fattening and a promoter of vigorous growth. 1 lb. 15 cts.; 5 lbs. 50 cts.; 10 lbs. 90 cts.; 100 lbs. \$8.00.



Hanging Poultry Feeder

Constructed with Hopper of sufficient size to carry a week's supply of grain for small flocks. Fitted with patented adjustable valve for regulating the discharge of feed. Has the same mechanical features which have proven so successful in the Norwich Feeder but of the hanging type and designed for the requirements of the small breeder or "back-yarder." Made in one size only, nine quarts capacity. Shipping weight, 5 lbs. Price, \$2.00.

ADD POSTAGE FOR YOUR ZONE

Planet Jr. Farm and Garden Tools

You cannot afford to till the ground without **PLANET JR. TOOLS**. They not only save hard labor, but enable you to cultivate double the acreage in the same time, and thus add over 100 per cent to your crop yield. Invented by a practical farmer and manufacturer—the result of fifty years' experience. Strong, lasting construction. Fully guaranteed.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, and Plow

Price, complete, \$17.50.
Weight, 50 lbs.

As a Seeder only
(No. 4D), \$14.00.

Holds 2½ quarts
of seed.



Plants in hills 4, 6, 8, 12 or 24 inches apart.

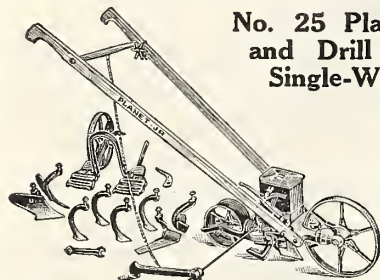
Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double and Single-Wheel Hoe, Cultivator and Plow

Price, \$21.50.

Weight, packed, 61 lbs.
Holds 2½ quarts of seed.

As a Seeder it is practically the same as the Planet Jr. No. 4, and as a



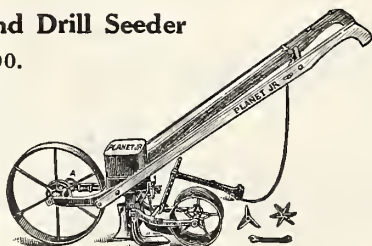
Wheel Hoe it has the same steel frames and cultivating attachments as the Planet Jr. No. 12 Double-Wheel Hoe.

Two acres a day can easily be worked, and when it is done it will be a better job than several men could have done in the same time with hand hoes.

No. 3 Planet Jr. Hill and Drill Seeder

Price, \$17.00.

Holds three quarts of seed. A favorite among onion-growers, market gardeners, and seedsmen. Sows accurately in a row, making wheel-hoe cultivation easy.



The steel wheel, with heavy steel spokes, is 15 inches high with broad face, making the tool light and easy running even with a full hopper.

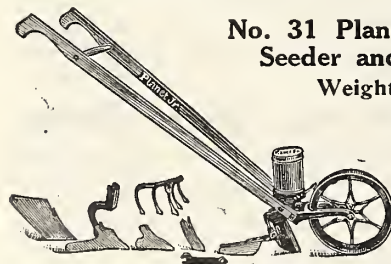
No. 31 Planet Jr. Combined Drill Seeder and Single-Wheel Hoe

Weight, packed, 30 lbs.

Price, complete, \$12.00.

No. 31D, as a Drill
Seeder only, \$9.50.

This new tool is of great value to gardeners who have never felt able to own either a Seed

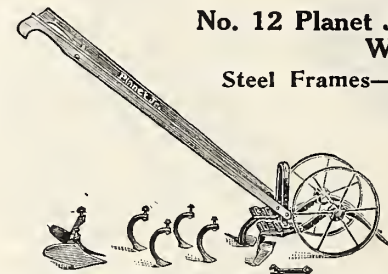


Drill or a Wheel Hoe. It will sow even a small packet of garden seed with great precision. Quickly changed to a splendid Wheel Hoe. A special machine for the small gardener.

No. 12 Planet Jr. Double- and Single-Wheel Hoe

Steel Frames—14-inch Steel Wheels.

Price, \$11.00.



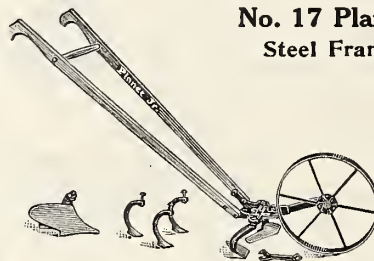
A Single- and Double-Wheel Hoe in one. It straddles crops till 20 ins. high, then works between. Has steel frames and 14-inch

steel wheels. The greatest hand-cultivating tool in the world. The attachments sold with No. 12 are what gardeners use most, and the others can be added as wanted.

No. 17 Planet Jr. Single-Wheel Hoe

Steel Frame—15-inch Steel Wheel.

Price, \$7.25.



The highest type of the Single-Wheel Hoe made. Light but strong, and can be used by man, woman, or boy. Will do all the cultivating in your garden in the easiest, quickest,

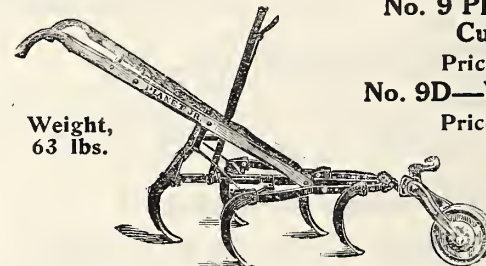
and best way. These wheel-hoe tools are of a special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high carbon steel, oil-tempered, finely formed, finished and polished, and work to a charm.

No. 9 Planet Jr. Plain Cultivator

Price, \$13.00.

No. 9D—Without Wheel

Price, \$11.00.



Weight,
63 lbs.

PLANET JR. CULTIVATORS are strongly built so as to withstand incredible strain,

yet they are easy to handle. The cultivator steels are made of beveled steel, thickest down the center, making them self-sharpening, and the point retains its shape and strength.

Planet Jr. Twelve-Tooth Harrow Cultivator and Pulverizer

No. 90—Price, \$17.00.

With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all weeds, stir the soil and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. A favorite with strawberry-growers, market-gardeners, etc.

No. 90B (less Pulverizer).....\$14.25

No. 90D (without Pulverizer or Wheel).....\$11.00



The New Planet Jr. Catalog, Illustrating a Complete List of Tools, Mailed On Application

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

The South Bend Chilled Plow

STANDARD THROUGH THE WORLD

High Mold-Board prevents clogging and cleans furrows in loosest land.



	Steel Beam.	Wood Beam.
No. 63. One Horse Plow.....	\$ 7.00	\$ 6.50
No. B1. One Horse Plow.....	8.00	7.50
No. 2. Light Two Horse.....	9.75	9.25
No. 2½. Light Two Horse.....	11.50	11.00
No. 3. Medium Two Horse.....	12.50	12.25
No. 4. Regular Two Horse.....	14.25	14.00
No. 10. Large Two Horse.....	15.50	15.25
No. 151. Three Horse Cast Iron.....	15.00	15.00

Syracuse Contractors' Plow

No. 1 Contractors' Plow.
Hard Iron Wearing Parts.



Extra heavy beam, share and strip. Steel wheel frame. Loop handle wear irons. Will turn a furrow 5 to 9 ins. deep and 12 to 15 ins. wide. An excellent Plow for general grading purposes. No. 1 Contractors' Two or Four Horse, weight, with wheel, 205 lbs. Price, \$29.00.

No. 99 Syracuse Four to Eight Horse Contractors' Plow. Weight, with shoe, 310 lbs. This plow is equipped with a steel truss beam, steel moldboard and landslide, separate shin piece. Heavy overlaid wrought steel share, adjustable shoe in place of wheel. Loop handle wear irons; very slightly built. Price, \$30.00.

No. 10-1878 Three Horse. Furrow, 6 to 9½ ins. deep, 14 to 16 ins. wide. Price, \$18.75.

No. 30-78 Three Horse. Left hand. Price, \$18.75.

No. 1-1878 Large Two Horse Plow. Furrow, 5 to 8 ins. deep, 12 to 15 ins. wide. Price, \$16.50.

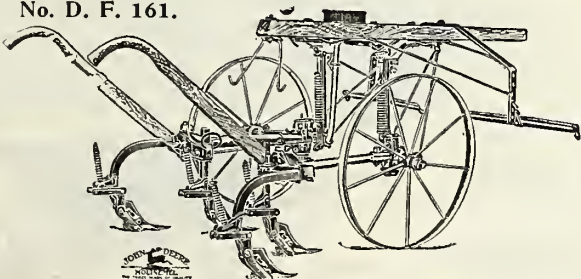
No. 2-1878 Medium Two-Horse Plow. Furrows, 5 to 7½ ins. deep, 10 to 13 ins. wide. Price, \$15.00.

No. 3-1878 Light Two Horse Plow. Furrows, 4 to 6 ins. deep, 9 to 12 ins. wide. Price, \$14.00.

No. 7 Medium Two Horse. Furrow, 5 to 7 ins. deep, 10 to 13 ins. wide. Price, \$16.00.

The New Deere Balance Tongue Walking Cultivator

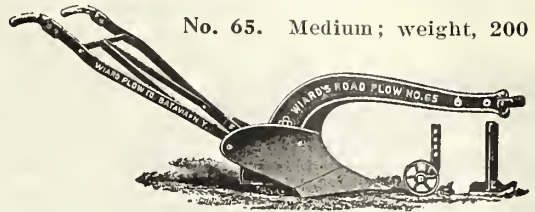
No. D. F. 161.



Pipe beam, parallel, 4 shovels, spring trip, and spring lifting device. The tongue is perfectly balanced on the wheels with no support at front or rear. The lifting-spring device is the simplest and the most satisfactory spring that has ever been attached to a walking cultivator. Price, \$42.00.

Wiard Road or Contractors' Plows

No. 65. Medium; weight, 200 lbs.



The cut illustrates the No. 65 Plow, which is very substantial, and is heavy enough for ordinary road or contractors' work when used with 2 or 4 horses.

A Cast Iron Point, made from the best quality of charcoal iron, very strong and heavy.

Price, with Wheel or Shoe.....	\$27.00
Price, without Wheel or Shoe.....	24.50
Extra for Forged Steel Point.....	6.50

Wiard Pavement or Rooter Plow

No. 67. Four or Six Horse; weight, with clevis, 250 lbs. This Plow has great strength and is adapted to contractors' work and for tearing up cobblestone or McAdam pavements.

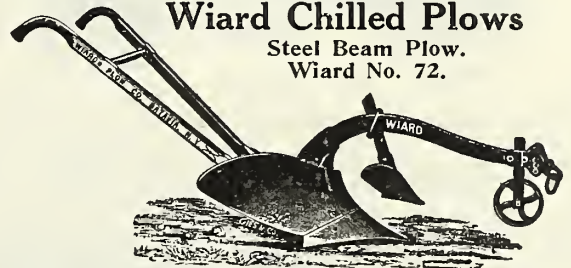
The Beam is made of charcoal cast iron, very strong and heavy. The tendency to wear off the lower front end of the Beam in this class of Plows is entirely overcome by a separate shoe casting attached to the beams at this point, which can be replaced at slight expense when worn.

The handles are made of steel, strongly braced, being a new departure, as heretofore handles for this style of Plow have been made of wood and were easily broken.

Price, \$40.00. With Steel Beam, \$48.00.

Wiard Chilled Plows

Steel Beam Plow.
Wiard No. 72.



The Wiard Plow has been made without lapse since 1804, and hence the Wiard Plow Works have the prestige of being the oldest continuous manufactory of Plows in America, and, so far as known, the oldest on the globe.

No. 62. One Horse Wood Beam.....	\$ 6.50
No. 13. One Horse Wood Beam.....	8.75
No. 10. One Horse Wood Beam.....	11.00
No. 19. Light Two Horse Wood Beam.....	14.50
No. 16. Medium Two Horse Wood Beam.....	15.50
No. 73. Light Two Horse Steel Beam.....	13.50
No. 72. Medium Two Horse Steel Beam.....	15.50
No. 91. Three Horse Steel Beam.....	16.50

Oliver Pattern Plow

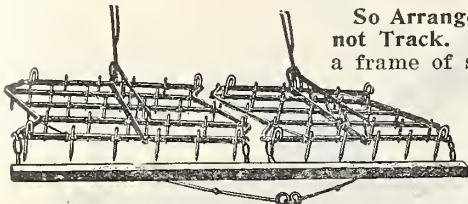
RIGHT AND LEFT HAND

Full Line of One, Two and Three Horse Plows

	Steel Beam.	Wood Beam.
No. A. One Horse Oliver Pattern.....	—	\$ 7.25
No. B. One Horse Oliver Pattern.....	—	7.75
No. 10. One Horse Oliver Pattern.....	—	10.25
No. 13. One Horse Oliver Pattern.....	—	11.50
No. 19. Two Horse Oliver Pattern.....	\$13.00	12.75
No. 20. Two Horse Oliver Pattern.....	13.50	13.25
No. 40. Three Horse Oliver Pattern.....	14.75	14.50

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

"U" Bar Lever Steel Harrow



So Arranged the Teeth Cannot Track. This Harrow has a frame of steel bars of "U" shaped steel well braced and secured by fasteners at each end to the frame. This gives the Harrow

a double advantage, strength and rigidity, and is a guard against catching into trees and stumps. The teeth can be set to any pitch or cut desired.

Price: 25-Tooth, \$9.00; 50-Tooth, \$18.00.

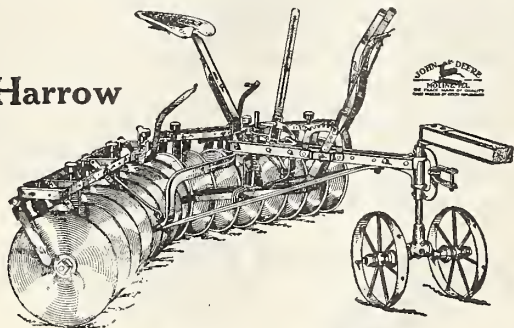
Wood Frame Scotch Harrows

These Harrows Are Made in Three Sizes

25-Tooth, one horse. . \$9.25 40-Tooth, two horse. . \$16.00

The one horse sizes are in one section and equipped with steel runners, which enable one to transport the Harrow from one field to the other without tearing up the grass. The 40-inch is made in two sections, and can be folded.

Disc Harrow

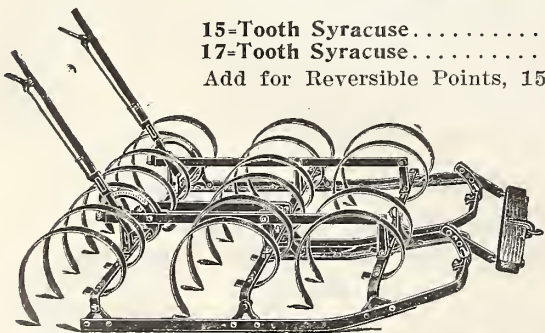


The time is long past when a farmer or market gardener can do without a Disc Harrow. When your ground is weedy and lumpy, then is the time when you need and want a Disc Harrow. Our Disc Harrows are strong, yet not too heavy; easy on horse and man; saves labor—that means, saves money; does the work better than it is possible to do it with a plow or any other harrow. Eight 16-inch discs, \$50.00; Ten 16-inch discs, \$54.00; Twelve 16-inch discs, \$60.00.

The above prices include Truck, but without tongue. If Tongue is wanted instead of Truck, deduct \$6.50. If MOLINE Twelve 16-inch discs.....\$54.00

Syracuse Spring Tooth Harrows

15-Tooth Syracuse.....\$23.50
17-Tooth Syracuse..... 25.00
Add for Reversible Points, 15 cts. each.

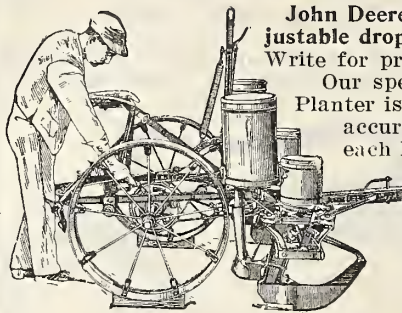


Wheel Barrows

No. 1. Buch's Large Size. \$8.50
No. 3. Medium Size..... 7.25
No. 8. Wooden Tray, with Steel Wheel..... 5.00



John Deere Double Row Corn Planter



John Deere Planters fitted with adjustable drop plates when so ordered. Write for prices.

Our special new feature in this Planter is that we not only get an accurate number of kernels in each hill, but we get the number of kernels in each hill which the quality of the soil is able to bring to perfect maturity.

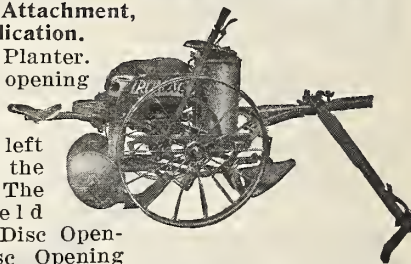
Price, \$87.00, Complete.

Improved Iron Age Potato Planter

Price, with Fertilizer Attachment, Complete, on Application.

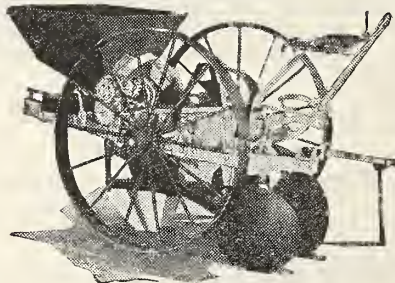
The only 100% Potato Planter.

Four styles of furrow opening plows are made—you can have your choice—in each case the soil is left loose on each side of the furrow—no packing. The four styles are: Shield Opening Plow, Single Disc Opening Plow, Double Disc Opening Plow, and Wing Shield Opening Plow.



Large Size Fertilizer Distributor. It will hold a 167-pound sack of fertilizer—you don't have to stop and fill so often, and in most cases you can finish your long rows and not have to fill up in middle of the row.

Hoover Planter With Fertilizer Drill

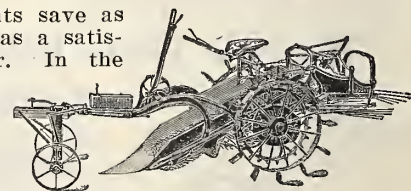


This is a one-man planter of exceptional merit. It will plant 100 per cent correct and save the extra man. It has been and is being used in Maine by the largest growers.

Price, \$110.00.

Hoover Elevator Potato Digger

Few farm implements save as much time and labor as a satisfactory Potato Digger. In the HOOVER we have the best and lightest draft.

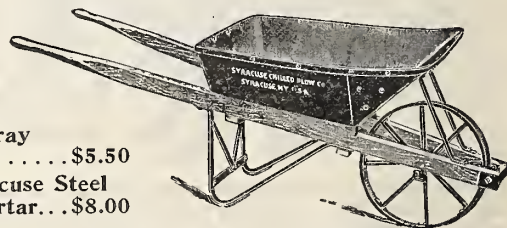


Price, \$115.00. With Separator,

Without Separator, \$100.00.

Barrows

No. 9. Steel Tray Canal\$5.50
No. 75a. Syracuse Steel Tray Mortar...\$8.00



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Moline Mower No. 5

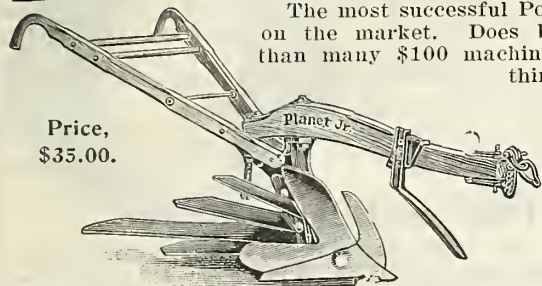
(VERTICAL LIFT)

While this Mower gives complete satisfaction on even and unobstructed fields, it is especially designed for use in cutting on rough, uneven fields, where there are stumps, stones, or even trees.

3 1/2 ft. cut..\$67.00 4 1/2 ft. cut..\$72.00 5 ft. cut..\$73.00

Planet Jr. White Potato Digger

The most successful Potato Digger on the market. Does better work than many \$100 machines for one-third the cost.



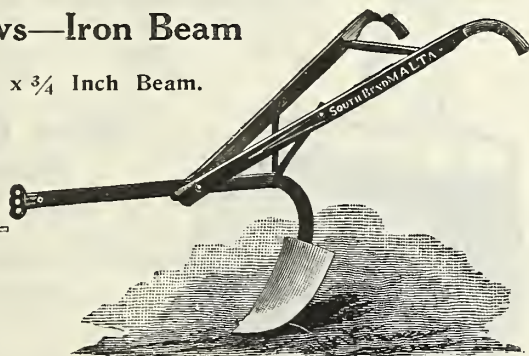
Price,
\$35.00.

"Malta" Single and Double Shovel Plows—Iron Beam

Has 1 1/4 x 3/4 Inch Beam.

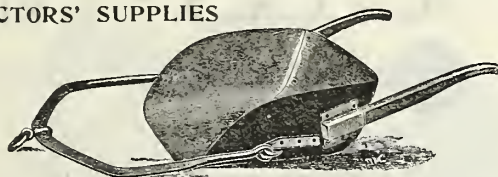
Double
Shovel
Plow,
\$5.00.

Single
Shovel
Plow,
\$4.00.



Syracuse Steel Drag Scraper

CONTRACTORS' SUPPLIES



No. 1—Capacity about 7 cu. ft. of earth, 98 lbs.....\$12.00
No. 2—Capacity about 5 cu. ft. of earth, 90 lbs..... 11.50
No. 3—Capacity about 3 cu. ft. of earth, 85 lbs..... 11.00



Rubber Hose

We make a special push on GARDEN AND SPRAY HOSE. Our

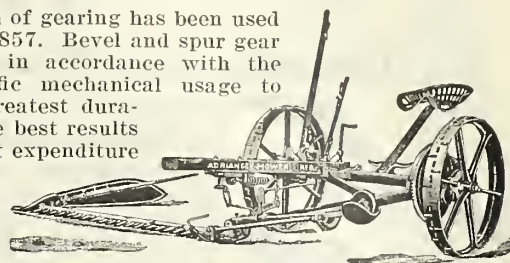
prices compared with department store hose is cheaper and the quality better.

We guarantee our Hose. This we believe to be the best, longest lasting hose on the market.

3/4-inch Norwood Mould Hose..... 18 cts. per ft.
5/8-inch Norwood Mould Hose..... 17 cts. per ft.
1/2-inch Norwood Mould Hose..... 16 cts. per ft.
1/2-inch Pressure Hose..... 18 cts. per ft.

Adriance Buckeye Mowers

Our system of gearing has been used by us since 1857. Bevel and spur gear is employed in accordance with the most scientific mechanical usage to secure the greatest durability and the best results with the least expenditure of power.



Roller
Bearings.

3 ft. 6 in. cut—One horse\$67.00
4 ft. 6 in. cut—Two horse\$70.00
5 ft. cut—Two horse\$72.00

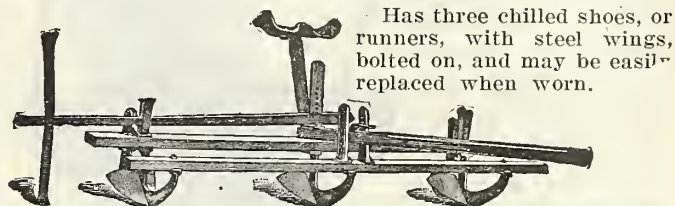
We Carry Repairs for All Leading Makes of Mowers

Milwaukee Mowers

For years this mower has stood at the head of the list for general work. We cannot say too much for it. Light draft, reliability of work, fewness of repairs, evenness of cut—all combine to make this mower a leader. Catalogues free.

Prices, \$67.00 to \$70.00.

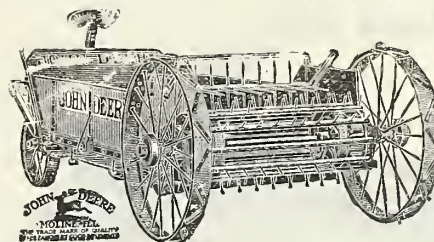
Bolgiano's Improved Three-Row Marker



Has three chilled shoes, or runners, with steel wings, bolted on, and may be easily replaced when worn.

The frame is made of seasoned oak. The runners may be changed by loosening two bolts, to mark furrows 28 to 48 inches apart. Price, with pole for two horses.....\$18.50

John Deere Manure Spreader



Size A—Capacity
35 bus...\$143.00
Size B—Capacity
50 bus...\$145.00
Size B—Capacity
50 bus., 3-horse
hitch...\$149.00
Size C—Capacity
70 bus...\$153.00

Hedge Trimmer



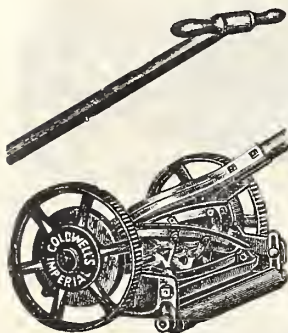
This is a machine which has long been needed for hedges of any size. One man can do as much work with one of these Trimmers in one day as can be done by five men working with the ordinary hedge trimmer. This being the case, during

the course of one season the machine will more than pay for itself, and will do the work better and more accurate than can possibly be done by hand. It is easy to operate and easy to keep in order, and satisfaction guaranteed.

30-inch—One Man...\$25.00 40-inch—One Man...\$30.00

LAWN MOWERS

Coldwell's Regal Mower



There has been a demand for a five-knife Lawn Mower, one that will leave the lawn perfectly smooth and even. In this machine we have one.

14-inch..\$20.00 16-inch..\$21.50
18-inch..\$22.50

Coldwell's Suburban Lawn Mower

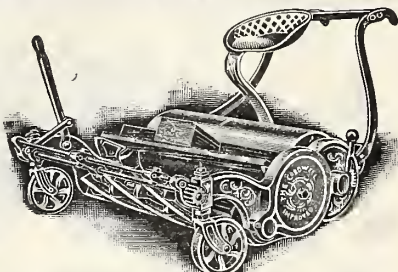
BALL BEARING

This lawn mower is made to meet the demand for a first-class ball-bearing machine which can be purchased at a price within the reach of all. It is made throughout of best grade material, and the workmanship is unsurpassed. The driving wheels are 8 inches in diameter and the revolving cutter has four blades, which insure fineness and evenness of cut.

12-inch....\$9.75 14-inch....\$10.00 16-inch....\$10.75

Coldwell's Improved Horse Mowers

Fitted up throughout with the best of steel shafting, composition bushings or bearings, and polished oak foot boards; Loring Coe's knives, etc., and the workmanship is acknowledged by the trade in general to be the best lawn mower made in America.



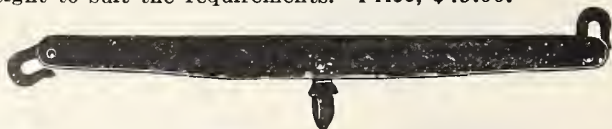
30-Inch. Complete, Seat and Shafts (4 blades)....\$125.00
35-Inch. Complete, Seat and Shafts (4 blades).... 140.00
40-Inch. Complete, Seat and Shafts (4 blades).... 155.00
HORSE BOOTS. Per set of four.....\$20.00 and \$25.00

Land Roller

This is the most popular Land Roller on the market. This implement was thoroughly tested, and its construction was so perfect that it was a success from the start.



Frames and Hangers. Heavy, stiff angles are used on the sides and ends, to which the steel hangers are securely bolted, and the frame is so arranged that it will carry sufficient weight to suit the requirements. Price, \$45.00.



STEEL SINGLE TREES.....\$1.00
STEEL PLOW DOUBLE TREES..... 1.60
Wooden Plow Set, Complete..... 3.60
U Bar Steel Set, Complete..... 4.00

Coldwell's Imperial

EASIEST RUNNING LAWN MOWER MADE

THE IMPERIAL is one of our best Mowers, the principal feature being that the knife is securely bolted to the sides, thus insuring a perfectly rigid frame. The knives are adjusted by means of our patent hanger, and a locking screw holds them securely in place. This hanger is so constructed that all wear can be taken up in the bearings. The triple pawl ratchet is the simplest and most durable on the market.

Prices—High Wheel, 4-Blade.

14-inch.....\$15.50 18-inch.....\$18.00
16-inch..... 16.75 20-inch..... 19.00

The Cadet Lawn Mower

This is a good Lawn Mower to sell at a medium low price, and give the purchaser full value for his money. The gears are fine cut, and it is in every respect what is needed at the present time, viz., a mower that will do good service and at a cost but little higher than the poor trash that is put out so freely.

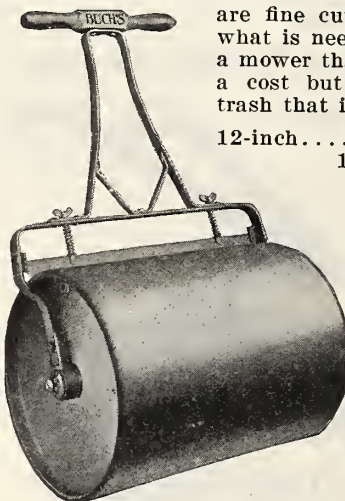
12-inch.....\$7.00 14-inch.....\$7.75
16-inch.....\$8.15

Water Ballast Roller

To increase the weight, add water. To decrease the weight, draw out water.

Prices:

No. 601.....\$16.60
No. 602..... 20.00
No. 603..... 23.25
No. 604..... 25.25



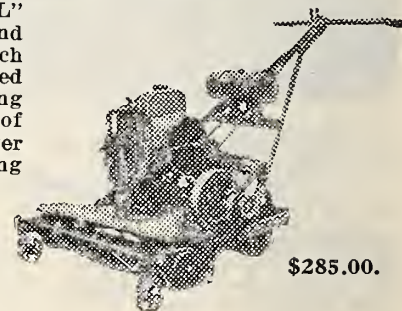
Planet Jr. No. 2, Grass Edger



A simple steel disc device, with a flange that runs on the cement path, to cut away the grass which hangs over the edge of the walk; this revolving disc operates very easily and does not cut away any of the soil which some people object to; can be used successfully on straight or curved cement paths. Price, \$1.50.

Coldwell's Model "L" Motor Lawn Mower

The Coldwell Model "L" Motor Lawn Mower and Roller, twenty-five-inch cut, has been designed with a view of combining the extreme flexibility of the hand lawn mower with the large cutting capacity, rolling feature and other advantages and conveniences which can be obtained only with a motor mower.



\$285.00.

Horse Collars



High-Grade Scotch Collars. We carry the largest line of Collars in this city, and can furnish any size from 16 to 24 inches.

Thick Lined Collars
\$3.50 to \$5.50

Sweeney Collars
\$4.75 to \$6.25

Red Edge Collar Pads
65 cts.

All Brown Collar Pads
75 cts.

Ask for price by the dozen.

Stewart No. 1 Enclosed Type Clipping Machine

The Only Ball-Bearing Clipping Machine

It is without exception the most perfect clipping machine ever made. It runs practically without friction or wear. The price puts it within reach of every farmer and horse owner. The gearing is all enclosed in a dust- and dirt-proof case, and runs in oil constantly.

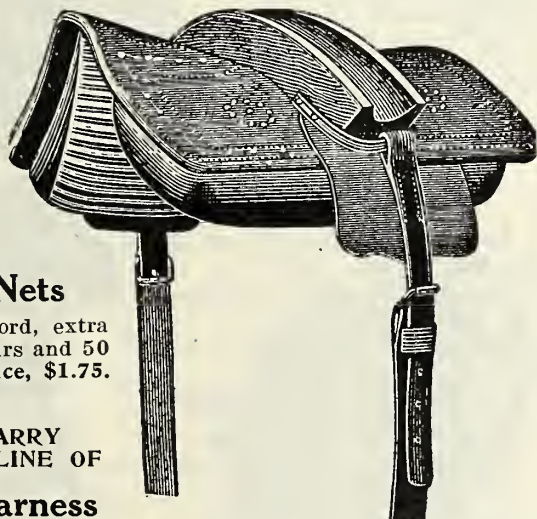
Price, complete for horses, \$10.75.



Plow Harness

Plow Harness, complete, per set (less Collar).....\$7.50

Trace Chains, per set.....\$1.15 to \$1.25
Breast Chains, per set......75 to 1.60
Butt Chains, per set..... — to 1.35



Fly Nets

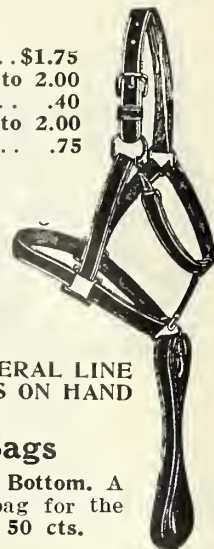
Yellow cord, extra heavy, 5 bars and 50 lashes. Price, \$1.75.

WE CARRY A FULL LINE OF Cart Harness

Extra Heavy Cart Breeching.....\$ 9.00
Extra Heavy Cart Saddle..... 10.50
Cart Bridles, extra heavy..... 2.50
One-Inch Cart Reins, riveted..... 3.00
Heavy Cart Hames, per pair..... 1.75

Halters

Leather, 1 1/4 in., Russet.....\$1.75
Leather, 1 1/4 in., machine made..\$1.75 to 2.00
Web Cotton40
Leather Cow Halter.....\$1.25 to 2.00
Leather Ties75



Back Bands

Folded Duck, Elbel's patent hook, 46 to 48 inches long, 5 inches wide. Price, 85 cts.

Single Web Back band, Plow Boy, 45 cts.

A FULL LINE OF WHIPS AND A GENERAL LINE OF HARNESS ACCESSORIES ALWAYS ON HAND

Feed Bags

Star Wood Bottom. A good, reliable bag for the money. Price, 50 cts.



No. 10 Bag, made of 12-oz. duck, metal eyelets; very durable. Price, \$1.25.

No. 8 Special. This bag is especially well made of 12-oz. duck; has reinforced sides; leather ventilators and sole leather bottom.

Price, \$1.15.

Special prices in dozen lots.

HORSE WEIGHTS, from 15 to 30 lbs., 6 cts. per lb.

WEIGHT STRAPS, 75 cts.

WEIGHT CHAINS, 45 cts.

MILLER'S HARNESS DRESSING. Pt. 50 cts.; qt. 75c.

MILLER'S I. X. L. HARNESS OIL. Pt. 35 cts.; qt. 50 cts.; 1/2 gal. 90 cts.; gallon, \$1.45.

MILLER'S HARNESS SOAP. 1 lb. 35c; 5-lb. can, \$1.35.

NEATSFoot OIL. Gallon, \$1.15.

HAME STRAPS. 1 inch, machine made. 35 cts. each; \$3.25 per dozen.

HAME STRAPS. Hand made, 1 inch. 40 cts. each; \$3.75 per dozen.

Hames

No. 280 Concord Hames, very heavily ironed, with hook or clip; brass ball top. Price, per pair, \$2.50.

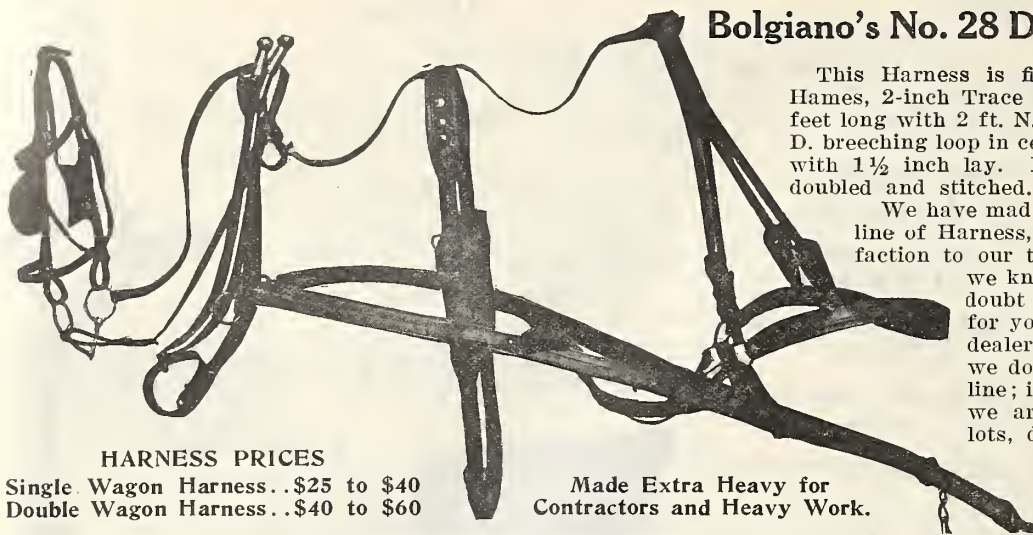
No. 61 Virginia Cart Hames, rock elm or ash wood, 1/8-inch stiff-bottom loops, 3/4 x 1/4 inch steel backs. Three mortise top loops. Heavy wrought steel hooks. Varnished. Polished irons. Sizes, 19 to 22 inches, \$1.75 per pair; 22 to 24, \$2.00 per pair.

No. 15 Brass Ball-Top Hame.....\$2.25

Blankets

We recommend 5A Horse Blankets because of their strength, warmth, horse protection, and their long wear. They are leaders. Prices from \$1.25 to \$6.00.

STORM COVERS FOR HORSES.....\$5.75
STORM APRONS FOR WAGONS..... 3.25
STABLE BLANKETS 3.00
CURRY COMBS25
HORSE BRUSHES\$.50 to 2.75
STABLE BROOMS 1.25 to 1.50
MANURE STABLE FORKS..... 1.00 to 2.00



Bolgiano's No. 28 Double Team Harness

This Harness is fitted with No. 21 Brass Ball Hames, 2-inch Trace with three rows stitching, 5 1/2 feet long with 2 ft. N. Y. Heel Chain, either solid, or D. breeching loop in center; Breeching 2 3/4 ft., folded with 1 1/2 inch lay. Belly and Back Band. Points doubled and stitched.

We have made a specialty of handling a nice line of Harness, that we know will give satisfaction to our trade. Our prices, for quality, we know are right. There can be no doubt that from us you can get more for your money than from any other dealer in Harness. Why? Because we do not handle Harness as a main line; if we make a few cents off a set we are satisfied. We buy in large lots, direct from the factory, where we get the best goods at the lowest prices. Give us a chance. You will be pleased.

HARNESS PRICES

Single Wagon Harness..\$25 to \$40
Double Wagon Harness..\$40 to \$60

Made Extra Heavy for Contractors and Heavy Work.

Berry Presses

This press is substantially built of hard wood and is nicely finished. The screw is made of high-grade steel and is very heavy for the work demanded of them.

Write for prices.

Cider Mills

SENIOR. This is our largest-sized Mill, adapted for hand or power, with a detachable handle on either side. The top set of rolls first mash the fruit fine and the bottom set grinds it up thoroughly, breaking all the cells, so that the cider is entirely extracted. 15 to 18 bushels per hour.

Price, \$47.00.

"MEDIUM" DOUBLE CAGE HAND CIDER MILL. Similar to the Senior described above. 10 to 12 bushels per hour. Price, \$32.25.

"JUNIOR" DOUBLE CAGE HAND CIDER MILL. Built on the same principles as Senior and Medium. Has one handle. This is the smallest Double Cage Mill we handle. A first-class mill for family use. 6 to 8 bushels per hour. Price, \$26.50.

SINGLE CAGE HAND MILL. An efficient mill for home use. Strongly made. May be used for making cider or pressing fruit. 5 to 7 bushels per hour. Price, \$18.25.

Our Handy Steel Wheel Farm Trucks

Wood Hounds, Well Braced. Hickory Axles.

All wood parts hardwood and well painted. Note the grooved tire, which protects the spokes of the wheel, and they last much longer than flat tire wheels. Made in two sizes. No. 22 with 3x9 skeins, capacity 3,000 lbs. No. 24 with 3 1/4 x 10 skeins, capacity 4,000 lbs.

Both Nos. 22 and 24 Trucks have 28-inch front and 30-inch rear wheels, 4x3/8 tires.

Weights—No. 22, 475 lbs.; No. 24, 510 lbs.

Prices on application.



Pumps

WOOD PUMPS. We sell the Buckeye, which is conceded to be the best on the market. Made of cucumber wood, and not poplar, as many of the so-called cucumber-wood pumps are made. All Pumps porcelain lined.

Depth.	Size of Pump	
	6x6 in.	7x7 in.
10 feet.....	\$13.90	\$16.15
12 feet.....	14.50	16.75
16 feet.....	15.70	17.95
18 feet.....	17.20	19.45
20 feet.....	17.80	20.00
23 feet.....		21.65
25 feet.....		22.95
28 feet.....		24.25
30 feet.....		27.00
33 feet.....		29.40
35 feet.....		32.50
40 feet.....		36.50
45 feet.....		41.45
50 feet.....		44.40

Tubing and Miscellaneous Pump Parts

4x4 Inches, 12 feet long and under, per foot, 30 cts.

4x4 Inches, 12 feet long or over, per foot, 32 cts.

6x6 Inches, extension tubing, per foot, 80 cts.

6x6 Inches, coupling and bands for 4x4-inch tubing, 90 cts.

Buckets, 4-inch, each \$1.50.

Buckets, 3 1/2-inch, each \$1.25.

Handles, any size, 40 cts.

Handle Links, each 50 cts.

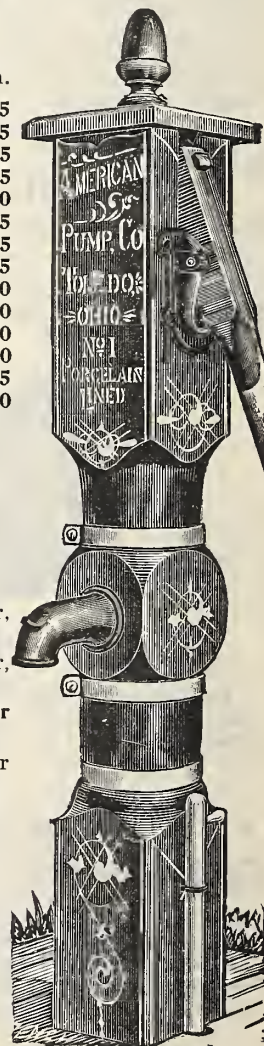
Check Valves, each 25 cts.

Iron Spouts, each 60 cts.

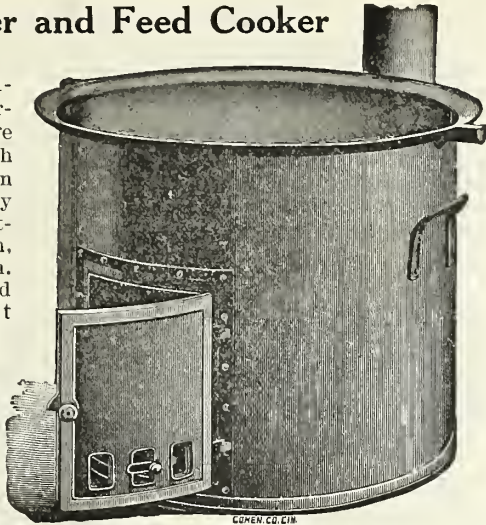
Splice Straps, per pair 50 cts.

Sucker Rod, per foot 8 cts.

Handle Brackets, per set 50 cts.



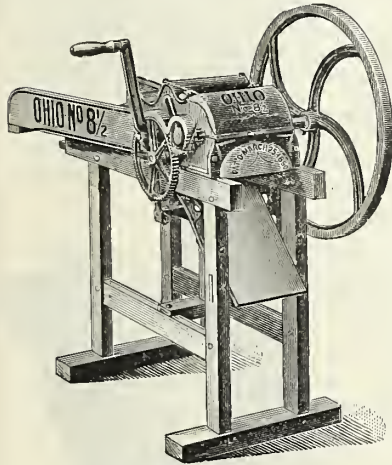
Boiler and Feed Cooker



Heavy cold-rolled steel furnace; extra large feed door, with wrought-iron handles, firmly riveted on Kettles, smooth, heavy cast iron. Door, frame and flue collar cast iron. It does not buckle or warp from the heat; designed to set on ground or brick foundation; is especially adapted to cooking feed, rendering lard, making soap, scalding hogs, poultry, etc. Cast-iron flues are constructed inside this, retaining heat and economizing fuel.

30 gal. capacity...\$16.00 40 gal. capacity...\$18.50
 33 gal. capacity... 17.00 48 gal. capacity... 19.00
 53 gal. capacity.....21.00

"Ohio" Hand Feed Cutter



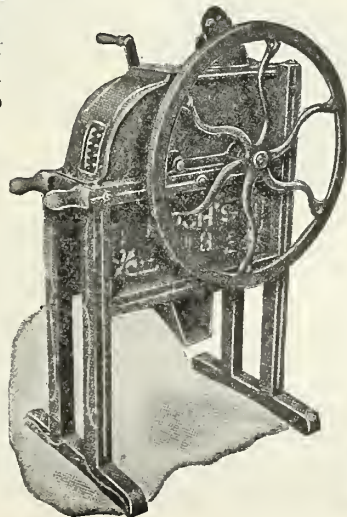
Capacities: One man can easily cut a bushel of hay with No. 8½ in 40 seconds, and with No. 10½ in 30 seconds, and a boy 12 years old can use them successfully.

Sizes and Prices:
 No. 8½ K1 — "Ohio" Hand Feed Cutter, with one 8½-inch knife; for hand use only; weight, 165 lbs. Price, \$30.00.

No. 8½ K2—Same machine, equipped with two knives. Price \$33.75.

Pulley for Power on above cutters, \$2.00.

Buch Lever Feed Cutter



Simple, durable, handsome, cheap. It has an 11-inch tempered curved knife, which can be adjusted to take up the wear, thus giving a perfect shear cut at all times.

Price, \$6.25.

Hand and Power Corn Shellers

- No. 3 Single Hole Sheller \$14.50
- No. 4 Single Hole Sheller \$14.50
- No. 7 Double Hole Sheller For Hand or Power \$30.00

Bolster Springs for Bed Wagons



1000 lbs. capacity...\$ 7.50	3000 lbs. capacity...\$13.50
1500 lbs. capacity... 8.25	3500 lbs. capacity... 14.00
2000 lbs. capacity... 11.00	4000 lbs. capacity... 14.50
2500 lbs. capacity... 12.00	5000 lbs. capacity... 17.00

Farm and Contractors' Cart

With 5 and 6 inch tires; also extra heavy Contractors' Carts made specially to order when wanted. These carts are very strong, heavily ironed, nicely painted, striped and varnished.

Size of Axle.	Size of Tire.	Diameter of Wheel.	Price.
1½ ins.	3 ins.	4 ft. 10 in.	\$80.00
2 ins.	3 ins.	4 ft. 10 in.	90.00

Certainteed Best Quality Roofing

1-Ply.....\$1.80 2-Ply.....\$2.35
 3-Ply.....\$2.80

We have in stock the finest prepared roofing offered by anyone. We are willing to guarantee that for length of service it cannot be surpassed by any roofing of its kind. With a couple of coats of prepared paint it will last a lifetime and will give perfect service during the whole period.

RED AND GREEN SLATE TOP ROOFING. Price, \$2.85.

GUARD ROOFING.

1-ply.....\$1.50 2-ply.....\$1.75
 3-ply.....\$2.00



RED CHIEF GRINDING MILL
 Price.....\$4.75



RED CHIEF CORN SHELLER
 Price \$2.50



Save Money by Ordering One of the COMPLETE VEGETABLE GARDEN COLLECTIONS See page 42.

Hog and Cattle Steel Wire Fencing

726—26 in. High Hog Fence, 7 bars.....48 cts. per rod
 832—32 in. High Hog Fence, 8 bars.....56 cts. per rod
 845—45 in. High Cattle Fence, 8 bars.....45 cts. per rod
 1047—47 in. High Cattle Fence, 10 bars.....52 cts. per rod
 Special prices on quantity.

DISTANCE BETWEEN BARS INCHES		21 BARS	58 INCHES HIGH
5		20 BARS	53 INCHES HIGH
5		19 BARS	48 INCHES HIGH
4½		18 BARS	43 INCHES HIGH
4½			
4		16 BARS	35 INCHES HIGH
4			
3½			
3½		13 BARS	24 INCHES HIGH
3			
2½			
2½			
2			
2			
2			
2			
1½			
1½			
1½			
1½			

American Steel Poultry Fence

1948—48 inches high.....58 cts. per rod
 2053—53 inches high.....62 cts. per rod
 2158—58 inches wide.....66 cts. per rod

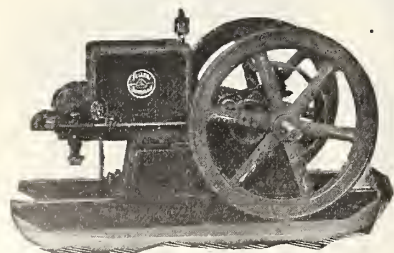
Diamond Mesh Poultry Fence

12 in. high, 2 in. mesh.....\$1.40 per roll
 18 in. high, 2 in. mesh.....2.00 per roll
 24 in. high, 2 in. mesh.....2.55 per roll
 36 in. high, 2 in. mesh.....3.50 per roll
 48 in. high, 2 in. mesh.....4.55 per roll
 60 in. high, 2 in. mesh.....5.60 per roll
 72 in. high, 2 in. mesh.....7.35 per roll

Barb and Strand Wire

Cattle Barb Wire—6 in. between barbs. 80 rods.....\$4.25
 Hog Barb Wire—4 in. between barbs. 80 rods.....4.50
 2-Strand Twist Wire. 100 lbs.....4.75

Fuller & Johnson Model "N" Gasoline Engines



as in our Double Efficiency line. No narrow water jacket spaces to clog up or freeze or break.

Horsepower and Prices:

1½ H. P.....\$ 61.00 5 H. P.....\$155.00
 3 H. P.....105.00 7 H. P.....220.00

Special Price on Model "K" Kerosene Engine Upon Application.

1. The simplest and most perfect System of Hopper Cooling.

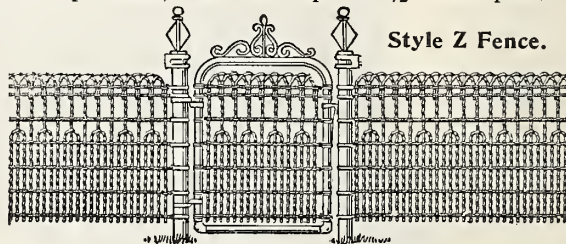
2. Frost Proof.

3. Large straight-sided Hopper. Cylinder completely immersed in water.

Fancy Lawn Fence

The fabric illustrated herewith is superior to any Lawn Fence on the market. The upright wires are corrugated their entire length instead of at intervals. Close enough at bottom to turn the smallest chicks.

The uprights are of No. 9 heavy galvanized wire, spaced 2½ inches apart, with an extra upright of No. 9 interwoven at the bottom, giving a spacing of 1¾ inches. The cables are of heavily galvanized wire spaced 6 inches apart, except the two top cables, which are spaced ½ inch apart.



Style Z Fence.

16 inches high.....	7 cts. per ft.	Style X.	Style Z.
22 inches high.....	8 cts. per ft.		
36 inches high.....	10 cts. per ft.		14 cts. per ft.
42 inches high.....	12 cts. per ft.		16 cts. per ft.
18-inch Trellis.....	5 cts. per ft.		

LAWN GATES

	Black.	Galvanized. Plain.	Galvanized. Fancy.
3 feet by 36 inches.....	\$2.60	\$3.25	\$4.00
3 feet by 42 inches.....	2.75	3.50	4.10
3 feet by 50 inches.....	—	3.75	4.40
3 feet by 58 inches.....	—	4.00	4.75
12 feet by 42 inches, drive gate...	—	9.75	—
12 feet by 50 inches, drive gate...	—	10.25	—
12 feet by 58 inches, drive gate...	—	10.75	—

De Laval Cream Separators

Over 1,600,000 De Laval Separators now in use. See and try a De Laval before buying a Separator.

Any Separator that wastes cream is expensive. A De Laval will not.

Capacity and Price:

No.	Pounds per hour.	Price.
5	225	\$ 65
10	350	80
12	500	90
15	750	110
17	1000	125
19	750 Turbine	160
20	1000 Turbine	175
22	1350	200
25	1350 Turbine	260



AUTOMOBILE OIL.....	per gallon 60 cts.
GAS ENGINE OIL.....	per gallon 60 cts.
DE LAVAL HAND SEPARATOR OIL.....	½ gallon 75 cts.
	per gallon \$1.10
DE LAVAL TURBINE OIL.....	per gallon 1.40

Push Carts

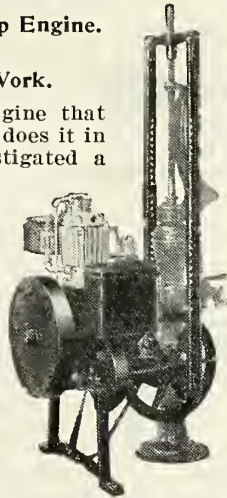
No. 0 Lansing.....\$18.75
 No. 1 Lansing.....16.35
 No. 2 Lansing.....14.00
 No. 132 Merrimac.....11.00
 No. 232 Merrimac.....11.75
 No. 12 Monitor.....13.25



Fuller & Johnson Pumping Engine

No Well Too Deep For This Farm Pump Engine.
 Cannot Freeze or Overheat.
 No Hours Too Long For It to Work.

At last we have found a pump engine that serves all the needs of the farmer and does it in the best possible manner. We investigated a score or more different makes and designs of portable engines to find the one best suited for our customers. We selected Fuller & Johnson Farm Pump Engines. It is the most wonderful portable engine made.



Fuller & Johnson Pumping Engine.
 Price, \$85.00.

400 to 1500 Gallons per Hour.

Think of it! All the fresh water you want at any time or any place. Works in any well, regardless of depth. This farm pump engine completely solves the perplexing problem of Water Supply for the farm in winter as well as summer. Pumps all the water needed for the house, dairy, barn, feed lot and pasture in a few hours. Costs less to operate than a tank heater and eliminates all bother and trouble.

Handiest Little Worker On the Farm.

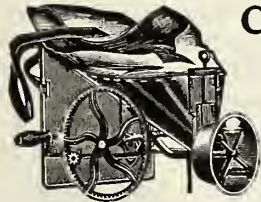
Ensuring a reliable water supply for the farm is but one of the ways the Farm Pump Engine proves its superiority. It has pulley for running any kind of hand or foot power machinery. It helps the women folks in the dairy and the laundry. Runs the grindstone, feed mill, fanning mill, etc., for the men. Does the work of two extra hired men.



Driving a Grindstone.

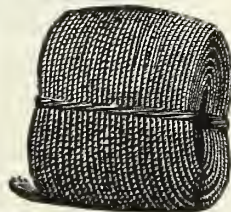
Cahoon Seed Sower

For sowing Clover, Timothy, Millet, Oats, Wheat, Rye, Buckwheat, etc. Standard seeder of the world. A model for accuracy and durability. Malleable iron frame. Steel hopper and gate. Brass discharger. Price, \$6.00.



Manila, Sisal and Cotton Rope

Always on hand, the best Manila, Sisal and Cotton Rope, in coils or by the piece, at prices consistent with the quality. Prices on application.



Dietz Lanterns

- Dietz Victor Lantern..... \$.90
- Dietz Victor Red Lantern..... 1.25
- Dietz Dash Lantern 1.40
- Dietz Regulation Lantern for Wagons..... 1.75
- Dietz Storm King Lantern (can't blow out)..... 1.60
- Dietz Little Wizard (can't blow out)..... 1.15



FARMOGERM

A Seed Inoculant That Increases Crop Production

Seeds of all legumes—beans, peas, clover, alfalfa, and related crops—will yield far better if inoculated with FARMOGERM, and in addition leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops. Gardeners and farmers who have used Farmogerm would not be without it.

Farmogerm Stays Good Indefinitely.

FARMOGERM keeps for years. Because of the method of sealing the bottle—a patented stopper which admits filtered air and keeps out all impurities. Just add water and shake the bottle and sprinkle over the seeds as directed. Your crop will benefit beyond your expectation.

Farmogerm Is Economical.

The one-acre size bottle of FARMOGERM is sufficient for 15 pounds of clover, 20 pounds of alfalfa, 100 pounds of Canada Field Peas, 60 pounds of Vetch, etc. A different bacteria is required for each crop. When ordering, be sure to state what crops you wish to inoculate.

Farmogerm Prices Reduced.

New scientific methods of manufacture have given lower prices. You cannot now afford to do without FARMOGERM. A special composite culture is prepared for peas, beans and sweet peas— $\frac{1}{4}$ -acre size only. You'll get more peas and beans, and larger sweet peas by using this. Ask for No. 5—Price, 50 cts.

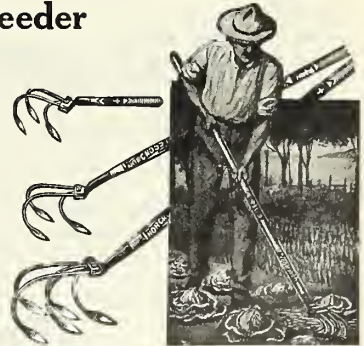
FARMOGERM prices are: 1-acre size, \$1.00; 3-acre size, \$2.50; 12-acre size, \$9.00. Full directions accompany each bottle.

Norcross Weeder

This Tool, introduced about four years ago, has more than made good in every respect. It can so easily be changed from a 5-tooth to a 3-tooth weeder or cultivator for hand use.

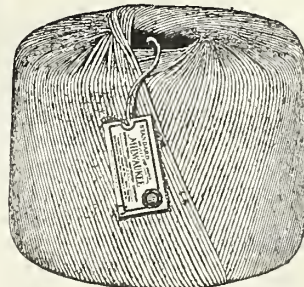
Price, 95 cts. and \$1.25.

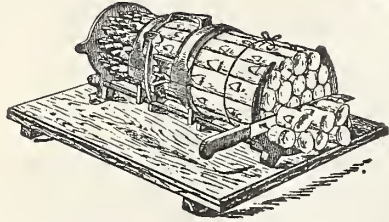
MIDGETT NORCROSS
 Price, 50 cts.



Binder Twine

It is well understood that good binder twine is essential to successful binding. The harvest season lasts only a few days and delays nearly always result in more or less loss. Binder twine that kinks and breaks is not worth hauling home, because it is not only a source of annoyance while harvesting the grain, but it also delays the work of shocking. Uniform size and strength are the characteristic features of our binder twine. It will not kink and clog the knottor or pull thin and break. The different brands of twine are Sisal, Standard, Manila and Pure Manila. Price, 15 cts. per lb.





ASPARAGUS BUNCHER
Price, \$3.00.



IRON AND STEEL GARDEN RAKES

- 12-tooth, Malleable Iron Bent Tooth.....\$.45
- 12-tooth, Steel Rake..... .85
- 14-tooth, Steel Rake..... .95
- 14-tooth, Steel Bow..... 1.20
- 16-tooth, Steel Bow..... 1.25

SNATHS

- Patent.....\$1.50 Rings.....\$1.65

BRUSH AXES

All Guaranteed.

- Beatty..... \$1.50

SCYTHE STONES

- Darby Creek.....\$.20
- English Round..... .25



**GARDENER'S
TRANSPLANTING TROWELS**

- Strong, Ladies'.....\$.20
- Malleable Shank..... .25
- Solid Steel......40
- Heavy Forged......75



DIBBLES

- Bent Wood Handles, Steel Points.\$.60
- Sawed Wood Handles, Steel Points .40
- All Iron Handles, Steel Points.... .60



HAZELTINE WEEDERS

Price, 30 cts.

SPADES

- Marvel, "D" Handle.....\$1.75
- Ames, "D" Handle..... 2.10

SPADES, LONG HANDLE

- Ames.....\$2.10

SPADING FORKS

- Wood, "D" Handle.....\$1.60
- Malleable, "D" Handle..... 1.50

SCYTHES

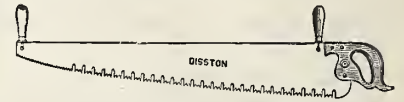
- Waldron, 36 and 38 in...\$2.35 to \$2.50
- Kelly's Grass..... 1.75
- Kelly's Bush, Assorted..... 1.85



STEEL HOES

Sizes 6, 6½, 7, 7½, 8.

- Solid Shank.....\$.75
- Solid Socket......80
- Malleable Iron Socket, steel blade..80
- Planters' Hoe, heavy handle, suitable for stiff ground..... .90



CROSS-CUT SAWS

- 3½ ft. 1-Man X-Cut Saw.....\$3.75
- 4 ft. 1-Man X-Cut Saw..... 4.25
- 4½ ft. 2-Man X-Cut Saw..... 3.00
- 5 ft. 2-Man X-Cut Saw..... 3.25
- 5½ ft. 2-Man X-Cut Saw..... 3.50
- 6 ft. 2-Man X-Cut Saw..... 4.00



SICKLES

- Solid Back No. 3.....\$.60

PRUNING SHEARS

- Wood Handle, Steel Plate.....\$1.75
- Malleable Handle, Steel Plate.... 1.00
- 8 ft. Water's Tree Pruners..... 2.00
- 10 ft. Water's Tree Pruners..... 2.25
- 12 ft. Water's Tree Pruners..... 2.50
- Grass Shears..... .50
- Fresno Pruners.....\$2.15 to 2.30
- Curved Pruning Saws..... 1.15
- Pacific Coast Pruning Saws..... 3.00
- Blades, each..... .35



MATTOCKS, HEAVY STEEL

- Steel 4 in. Long Cutter.....\$1.00
- Steel 3 in. Contractors..... 1.25
- Handles, extra..... .50
- Garden Mattock..... .75
- Potato Drags, Light..... 1.00
- Potato Drags, Heavy..... 1.35



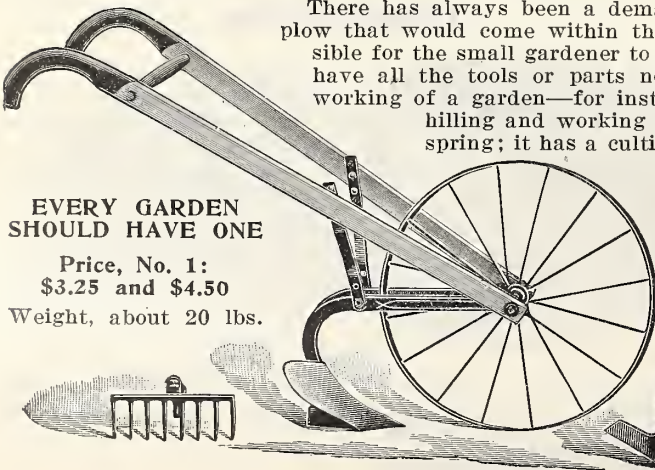
SHOVELS, LONG HANDLES

- Jackson, Round Point.....\$1.65
- Ames, Round Point.....\$2.00 to 2.10
- Ames, Square Point..... 2.00 to 2.10

Hand Garden Plows

There has always been a demand for a small garden plow that would come within the price, making it possible for the small gardener to purchase. These plows have all the tools or parts necessary to the perfect working of a garden—for instance, it has a plow for hilling and working the garden early in the spring; it has a cultivator and a hoe; also, a pulverizing rake. It is complete in every detail. We have sold them by the hundred to pleased customers.

Weight, about 20 pounds.



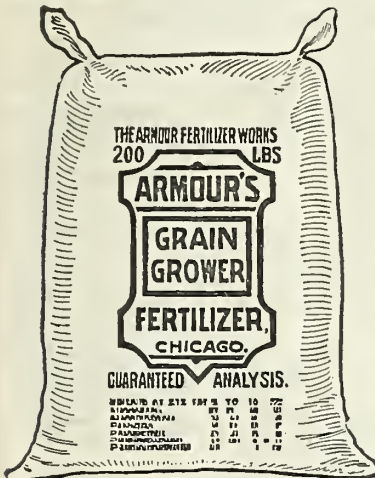
EVERY GARDEN SHOULD HAVE ONE

Price, No. 1:
\$3.25 and \$4.50

Weight, about 20 lbs.

Fertilizers for the Farm, Lawn and Garden

Of equal importance with buying good seed is the application of the right kind of fertilizers, not only to replace the plantfood taken up by the plants, but to make the crops do their very utmost for you. In order to make the most of your efforts, use only high-grade fertilizers. The use of cheaper grades is just a waste of money. We have listed below several kinds of high-grade fertilizers and their analysis and will be very glad to give you any advice regarding their use.



TEN PER CENT TRUCKER has given our trade the greatest satisfaction. It is principally used for very early crops, and has more than paid for itself in the advanced prices received for early vegetables. As a tobacco bed fertilizer it is excellent. Analysis: 10 per cent Ammonia, 5 per cent Phosphoric Acid, 2 per cent Potash.

SEVEN PER CENT TRUCKER is all right, because every user says so, and one of the best evidences aside from this is that our sales show increase year by year. We

recommend this Fertilizer to all who look forward to early and good crops. Analysis 7 per cent Ammonia, 6 per cent Phosphoric Acid, 2 per cent Potash.

AMMONIATED BONE. This is used largely by the best Trickers for general crops. Analysis: 2 per cent Ammonia, 9 per cent Phosphoric Acid, 2 per cent Potash.

GENERAL 2-8-2. A Fertilizer for general uses—that's what its name implies. The demand has been large for just such a Fertilizer. We recommend this grade for most crops. Analysis: 2 per cent Ammonia, 8 per cent Phosphoric Acid, 2 per cent Potash.

PURE RAW BONE MEAL. At the outset we say the bone you should buy and use is Armour's, because it is pure, finely ground and of first quality. There is no bone on the market today that will compare with it; and if you will give it a trial on your land, we confidently believe you will agree in what we say. Analysis: 4 to 5 per cent Ammonia. 24 per cent Phosphoric Acid, 48 per cent Bone Phosphate.

FISH AND BONE. Last year we sold great quantities of these goods. They gave much satisfaction to our trade. Analysis: 2 per cent Ammonia, 10 per cent Pnos. Acid.

FINE GROUND DRIED FISH. This Fertilizing material is largely used in mixing Fertilizers. It contains a large percentage of Ammonia, and is quick in action.

FINE GROUND DRIED TANKAGE. Is used largely as a base in all Animal Fertilizers, and gives quick and fine results. Contains large percentage of Ammonia and Phosphoric Acid.

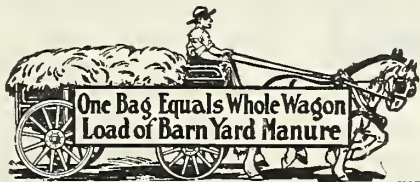
Prices on application.

BLOOD MEAL—FOR ROSES. It is well to remember that all plants require the proper amount of food if they are to do their best. We can recommend Blood Meal to be the very best for roses.

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. 15 cts.; 3 lbs. 40 cts.; 5 lbs. 60 cts.

Fertilizing Chemicals

A great many first-class Gardeners and Farmers have come to see the advantage of the use of chemicals on their grounds and in building up their soils. We have for a number of years made this a special feature of our business, and are prepared to furnish any of the leading sorts in any quantity.



GIVE YOUR SOIL WHAT IT NEEDS TO MAKE THINGS GROW

Use a Fertilizer that combines natural humus and organic matter with natural plant food. One that actually makes available and useful a great amount of fertility lying dormant and inactive in the soil.

WIZARD BRAND PULVERIZED SHEEP MANURE AND SHREDDED CATTLE MANURE is a particularly efficient material for making up the compost supply. It is used in this way by many florists who have limited space and who cannot mix their compost in the old way. It acts quickly, has a better effect on the soil, and is much more easily handled. WIZARD BRAND is just this kind of a fertilizer. It's all natural plant food and humus that makes better soil and better crops. No matter what you grow—fruit, vegetables and grains, or just flowers and grass about the home—WIZARD BRAND SHEEP MANURE "Makes Nature Hustle," and builds up your soil at the same time. Price: 10 lbs. 50c; 30 lbs. \$1; 100 lbs. \$2.35; Ton, \$42.50.

STIM-U-PLANT

An All-the-Year Fertilizer for Garden and House Plants

Growers of fine flowers, shrubs and vegetables for the best markets and for exhibition, fertilize and stimulate them frequently, a little at a time. An excellent fertilizer for the purpose is STIM-U-PLANT, an odorless, highly concentrated plant-food, in tablet form, with guaranteed chemical analysis of 11 per cent Nitrogen, 12 per cent Phosphoric Acid, 15 per cent Potash. The proportions are accurate, there is no unnecessary filler, and in this form you are able to apply plant-food exactly when and where and as needed.

Make Your Garden a Wonder Garden

These tablets increase production, heighten color and improve quality. Many professional and amateur growers use them extensively all the year round—from early spring until late fall outdoors, during the winter for pot plants, hothouse benches, etc. They are equally good for evergreens and other trees as for a small fern, petunia or other potted plant.

STIM-U-PLANT TABLETS can be used in tablet form, or dissolved in water at the rate of one tablet to the quart. Complete directions with every package.

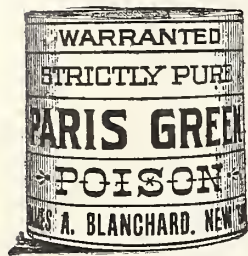
Order Stim-u-planT tablets with your seed and plant order. Price: 10 tablets for 15 cts.; 30 for 25 cts.; 100 for 75 cts.; 1,000 for \$3.50.

NITRATE OF SODA. For very early vegetables, and giving an early start to grass or grain, there is nothing to equal it.

SOUTH CAROLINA ROCK is used for Phosphoric Acid that it contains, and is valuable in mixing with other goods.

Insect Destroyers and Insecticides

Prices On All Insecticides Change Without Notice. Poison Cannot Be Sent by Mail.



PARIS GREEN. $\frac{1}{4}$ lb. 15 cts.; $\frac{1}{2}$ lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.
TUBER TONIC. Unexcelled for potatoes. Lb. 40 cts.; 5 lbs. \$2.00.

LIME AND SULPHUR (B. T. S. Dry Powder). This preparation is scientifically prepared and is widely recommended, and known as the best preparation for San Jose Scale, Oyster Shell Scale, etc. Lb. 25 cts.;

ATOMIC SULPHUR. This is pure sulphur treated by a special process to convert it into a very finely divided state in the form of paste, so it can be readily diluted with water and applied as a spray to coat fruit and foliage with a thin film of sulphur to prevent germination of fungous spores. It is recommended for the control of scab on peaches, brown rot on peaches, plums and cherries and cedar rust on apples. Directions: 5 to 7 lbs. to 50 gallons of water. 1-lb. pkg. 30 cts.; 5-lb. pkg. \$1.30; 10-lb. pkg. \$2.10; 25-lb. pkg. \$4.50; 50-lb. pkg. \$7.75; 100-lb. pkg. \$15.00.



HAMMOND'S SLUG SHOT. Well known remedy for Tobacco Bugs. 5 lbs. 55 cts.

TOBACCO DUST. Fatal to green and black fly and similar garden pests, by simply dusting over the plants. If dug around the roots will keep away all pests below ground and insure health to the plants. 5 cts. per lb.; \$2.00 per 100 lbs.

ARSENATE OF LEAD (Dry Powdered). Is produced under a new process. Contains at least 33 per cent arsenic. Superior to paste arsenate, stands suspension longer, and has more covering capacity. Lb. 35 cts.; 5 lbs. \$2.00; 10 lbs. \$3.40; 25 lbs. \$6.00; 50 lbs. \$11.75; 100 lbs. \$23.00.

BORDEAUX MIXTURE (Dry Powdered). The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. Lb. 35 cts.; 5 lbs. \$1.40; 10 lbs. \$2.65; 25 lbs. \$6.00; 50 lbs. \$11.75; 100 lbs. \$23.00.

BORDEAUX—ARSENATE OF LEAD MIXTURE (Dry Powdered). A combined Fungicide and Insecticide. For Apple and Pear Trees, Potatoes, Melons and Cucumbers; also splendid for roses, keeping them free of mildew, black spot and insects of all sorts. Lb. 35 cts.; 5 lbs. \$1.75; 10 lbs. \$3.40; 25 lbs. \$8.25; 50 lbs. \$16.25; 100 lbs. \$31.50.

PYROX. An Insecticide and Fungicide. Apple growers swear by this; potato growers make larger crops by its use. It does not wash off as do other poisons. It guards against all chewing insects and prevents rots and blights. Lb. 45 cts.; 5 lbs. \$1.65; 10 lbs. \$3.00; 25 lbs. \$6.50; 50 lbs. \$12.00; 100 lbs. \$21.00.

WHALE OIL SOAP. Dissolved in water makes an excellent spray for scale on palms, etc. $\frac{1}{4}$ lb. 10 cts.; $\frac{1}{2}$ -lb. pkg. 15 cts.; 1-lb. pkg. 25 cts.; 5 lbs. \$1.00; 10 lbs. \$1.50.

GRAFTING WAX. Used for grafting trees and other plants. $\frac{1}{4}$ lb. 15 cts.; $\frac{1}{2}$ lb. 20 cts.; lb. 30 cts.

FLOUR OF SULPHUR. Per lb. 10 cts.; 10 lbs. 75 cts.; 25 lbs. \$1.50; 100 lbs. \$5.50.

"Black Leaf 40"

Nicotine Sulphur—40 per cent Nicotine.

This is the insecticide that is so highly recommended by Experiment Stations. It destroys Aphis (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage.

It may be combined with other sprays. Highly concentrated. Soluble in water—easy to mix—does not clog nozzles.

You cannot go wrong by ordering "Black Leaf 40" for sucking insects.

Prices:

1 oz.....	\$.35	—5 gallons spray.
$\frac{1}{2}$ lb.....	1.25	—40 to 120 gals.
2 lbs.....	3.50	—160 to 500 gals.
10 lbs.....	13.50	—800 to 1250 gals.



WEED KILLER is especially adapted for destroying weeds in walks, dirt tennis courts, golf links, etc., or any other place where the killing of all vegetation is desired. It is successful against all kinds of weeds and grass, including milkweed, witchgrass, wild morning glory, dandelions, poison ivy, sumach, etc. One application will kill roots and foliage in 48 hours and no more weeds will grow until more seed is sown. 1-lb. pkg. 50 cts., mailing weight, 2 lbs.; 5-lb. pkg. \$2.00, mailing weight 6 lbs. Special prices on bulk lots to large estates, cemeteries, etc.



CUT WORM KILLER. One of the necessities of the market and home gardener. Cut Worms do so much damage each year that it amounts to much more than a million dollars. 1-lb. Sprinkler Top boxes, 30 cts.; 5-lb. Tin Cans, containing Sprinkler Top box, \$1.25 each; 25-lb. Drums, containing Sprinkler Top box, \$5.

MELROSINE. Surest of all remedies for rose bugs. Absolute death to all it strikes. $\frac{1}{2}$ pt. 50 cts.; 1 pint, \$1.00.

SHEEP DIP. For Ticks, Lice and Scab. This is a coal tar creosote dip. It is a concentrated fluid for preparing an effective and economical dip for ridding sheep of ticks, lice and scab; also kills certain fleas, lice and gnats on horses, cattle and hogs. One gallon makes 50 gallons of strong dip by mixing with water. 1-qt. can, 75 cts., mailing weight 4 lbs.; $\frac{1}{2}$ -gal. can, \$1.25, mailing weight 7 lbs.; 1-gal. can, \$2.00, mailing weight 11 lbs.; 5-gal. jacket cans, \$9.00.

SO-BOS-SO. Use it and milk in comfort—the stuff that keeps off the fly and mosquito. Few things there are that do as much to relieve the farm animals as this. It saves feed, helps cows to produce more milk and at the same time saves the nerves of the milkers. We recommend this preparation highly. Price: 1 qt. 50 cts.; $\frac{1}{2}$ gal. 75 cts.; gallon, \$1.25.



Water Barrel Trucks



Our barrel - cart which can be attached to any of our barrel spray pumps and may be found useful

in various ways, such as watering gardens, spraying trees, etc.

Water Truck, with 1 1/2 Tire... \$13.50

Water Truck, with 2 1/2 Tire... \$14.00

Water Truck as used with Barrel. Barrel, extra... 4.50

Spray Pumps

BRASS BUCKET PUMP ATTACHMENT, ETC., with 8 feet of 3/8-inch Discharge Hose and Seneca Spray Nozzle. Price, \$5.50.

"POMONA" SPRAY PUMP with Agitator. All working parts bronze. No leather packing. All valves are brass; is easily accessible; wing guided on leveled seats ground to fit. Air chamber steel. Lever long



"Pomona" Spray Pump.

and powerful, with adjustable stroke, 3, 4 or 5-inch. Solid brass plunger, machine-turned, fitting gland accurately. Pump is held securely by adjustable clamp plate, made to fit either end or side of barrel, and by a small anchor located at bottom of barrel. The mechanical agitator is operated by stroke of the handle. Directions sent with each pump.

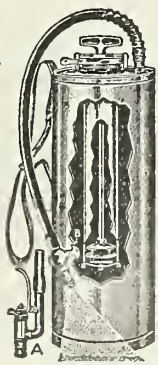
"FRUITALL" SPRAY PUMP. With Agitator. All working parts bronze. "Fruitall" Spray Pump is made on the same general lines as our famous "Pomona." It is, however, lighter and of smaller capacity. All working parts, including plunger, gland, valves, valve seats and strainer, are of bronze. Regularly fitted with wing agitator, similar to one used on the "Pomona," and which has proven to be the best type. Pump is held in barrel by anchor at bottom and adjustable clamp at top, fitting over end of stave. Not made for side of barrel.

Pomona Spray Pumps, complete with hose, barrel and nozzles..... \$27.00

Fruitall Spray Pumps, complete with hose, barrel and nozzles..... 19.00

If wanted without barrel, take from above prices..... 5.00

THE AUTO SPRAY. Eight to ten strokes of the plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. The "Auto Pop" is an automatic valve which is closed by the air pressure used to operate the "Auto Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. Price, Galvanized Iron Reservoir, \$6.00; with Auto Pop, \$6.50; Solid Brass Reservoir, \$9.00; with Auto Pop, \$9.50. Extension Rods, 2-foot lengths, 50 cts.



PATENTED.

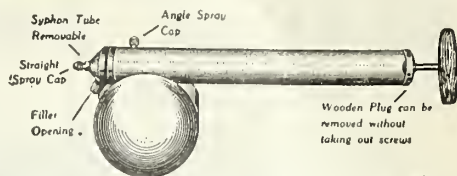
BRASS AUTOMATIC SPRAYERS.

1-qt., galvanized iron, \$1.00.

1-qt., brass, \$1.35.

2 qts. brass, \$1.75.

TIN SPRAYERS. Every one who raises chickens knows how important it is to keep out vermin. Use a spray and the work is done. The illustration is of a spray that will do the work well and cheap. Price, 50 cts.



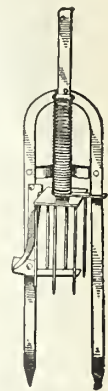
THE MISTRY JR. SPRAY NOZZLE, price 75 cts. Shut-Off Cock, \$1.50.

We carry a large assortment of repair parts for Spray Pumps and Attachments.

Mole Traps

The Mole causes great loss and annoyance to the growers and market gardeners. One Mole can cause the loss of an entire seed bed in a few hours. One Mole Trap will catch and destroy them. We guarantee them to work satisfactorily.

Price, 75 cts. each.



FEENEY'S MODEL B DUSTER

Every garden should be provided with either a bellows or a duster for dusting dry powders to destroy Bugs and Fungus growths. In the Feeny's Dust Powder Duster we have found one that is far superior to the bellows in that it makes a much finer dust and spreads the same more evenly and does the work with less effort on the part of the operator. We endorse this Duster believing that in doing it we are giving our trade something that will give them satisfaction.

Price, 90 cts.

TREE TANGLEFOOT. For protecting trees against climbing insect pests in a simple economi-

cal and effective way. Tree Tanglefoot, sticky substance applied directly to the bark of the tree. One application remains sticky on the trees for 3 months fully exposed to the weather. It is easily applied with a small wooden paddle. One pound will spread 8 feet long by 5 inches wide, 1-16 inch thick. Prices: 1-lb. can, 50 cts.; 5-lb. can, \$2.25; 10-lb. can, \$4.25; 20 lbs. \$8.50; 25 lbs. \$10.00.



THE NONPARIEL LIME and FERTILIZER SOWER Capacity, 10 Bushels—Sowing Swarth, 8 Feet THE FEEDING DEVICE

The bottom of the Nonpariel Sowers is made of heavy sheet steel, bent into a half round shape. A heavy sheet steel feed plate working in keepers forms the feeding device. There are punched in the bottom and feed plate 20 round holes or outlets, 2 inches in diameter, through which the material passes to the scattering board. These holes are 4 3/8 inches apart from center to center, and extra plates can be furnished for sowing in rows. Price, \$50.00.

CAPITOL PARK LAWN GRASS SEED

It Never Fails to Give Satisfaction



Grass is Nature's Carpet, and When a Lawn is Composed of SUITABLE GRASSES Compactly Covering the Entire Surface, It Becomes a Surpassing Pleasure and Ornamentation

One Pound of BOLGIANO & CO.'S RECLEANED LAWN GRASS SEED Will Go as Far as Four Quarts of Grass Seed Sold by the Measure.

Capitol Park Lawn Grass Seed

This grass seed has helped make Washington the beautiful city that it is. Planted in front of the new District Building, our seed produced a lawn in twenty-eight days from day of planting the seed.

Pkt. 10 cts.; lb. 35 cts.; 25 lbs. \$7.50.

Parcel Post Rate, page 2.

For Putting Greens

This is where it is necessary to have a low close growing grass that will maintain a spring turf tough enough to withstand tramping in all kinds of weather. We are ready to supply you these seeds and will be pleased to figure with you for your individual requirements. Please write for prices.

Shady Nook Lawn Grass

The Grass That Will Grow in Shady Places

More than twenty years of unremitting toil has been rewarded with success in the SHADY NOOK LAWN GRASS SEED. Not until the spring of 1905 did we succeed in accomplishing that for which we set out. Time and again we thought we had, but only to realize that failure was our portion. The SHADY SIDE of the STREET and under the OLD OAK TREE; in fact, everywhere that the sun does not strike more than a few minutes each day—those are the places that we want to make pretty for you.

Pkt. 10 cts.; lb. 30 cts.; 25 lbs. \$6.00.

Parcel Post Rate, page 2.

For Fairways

While it is not necessary here to have the grass so fine and evenly grown, it is still desirable to present a smooth velvety turf that will remain green throughout the season and grow vigorously at all times. Please write for prices.

Directions for Seeding a Lawn

Grass is Nature's Carpet, and when a lawn is composed of suitable grasses, compactly covering the entire surface, it becomes a surpassing pleasure and ornamentation. The eye never tires of the delicate evergreen so restful to the sight. Lawns should be sown with blended grasses, which will hold their green through the hot, dry summer, and not lose color during the "freezes" of winter. A first-class lawn will continue indefinitely its beautiful, velvet surface, and can be kept in perennial freshness by an annual top-dressing of pure raw bone. A level surface is preferred for lawns to avoid washes at the time of severe freshets, but a gentle incline may be desirable and is certainly beautiful. Spring-time and autumn are the favorite seasons for making lawns, but any time from early spring to fall will do, unless a severe, protracted drought prevails. Spade deeply, make the ground fine, smooth, and mellow; then rake the soil and sow the seed. If a rain occurs, simultaneously with the seed

sowing, it will cover the seed enough; but if dry, the soil should be pressed with the back of a spade or rolled with a light roller. A suitable fertilizer should be incorporated with the soil when the lawn is being prepared, and bone is preferred because its fertilizing quality is gradually imparted to the soil, and its effect is lasting. A top-dresser at any time imparts new thrift to the sod. Be careful to sow the seed regularly and evenly over the entire surface, otherwise bare spaces will disfigure the lawn; but when this happens rake over the bare places and sow seed there. Be liberal in the use of seed when making a lawn, for if done rightly, a young, healthy, beautiful, velvet green sod will soon delight the eye and reward all labor and expense.

One pound of Bolgiano & Co.'s Recleaned Lawn Grass Seed will go as far as 4 quarts of grass seed sold by the measure. Add 7 cts. per pound on lawn grass seed if to go by mail.

Bolgiano's

"BEAUTY" COLLECTION
OF CHOICEST
FLOWER SEEDS

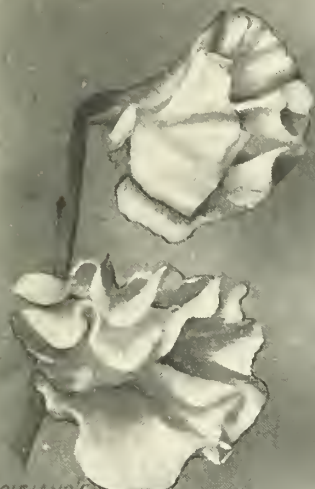
1923

12-10¢ PACKAGES

75¢ POSTPAID

AFFORDING CONTINUOUS BLOOMS ALL SPRING, SUMMER AND FALL.

"Say it with flowers"



BOLGIANO'S
ORCHID FLOWERED SWEET PEAS
COURTESY SPENGLER TYPE MIXED. PKT. 10¢



BOLGIANO'S GIANT ZINNIAS
PKT. 10¢

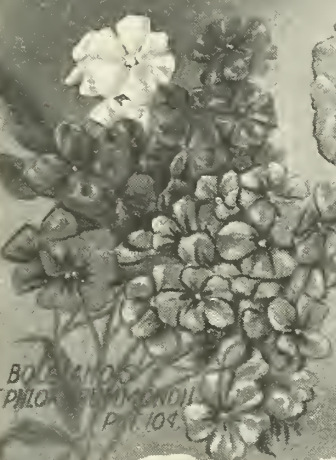
BOLGIANO'S
MAMMOUTH
COLUMBIA
PKT.



BOLGIANO'S
GIANT FLOWERED
DWARF NASTURTIUM
PKT. 10¢



BOLGIANO'S PERFECTION
SWEET WILLIAM. PKT. 10¢



BOLGIANO'S
PHLOX FLORENDII
PKT. 10¢



BOLGIANO'S MAGNIFICENT
FINEST MIXED GIANT SHOW
PANSIES. PKT. 10¢



BOLGIANO'S
BRILLIANT SHIRLEY
POPPIES
PKT. 10¢



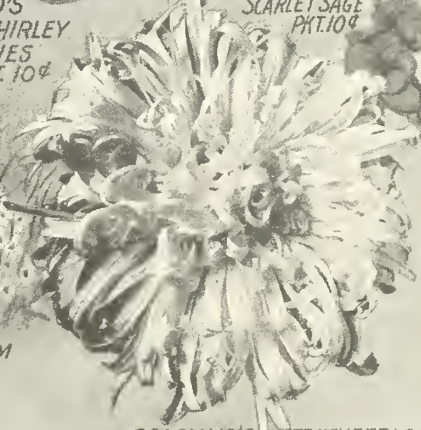
BOLGIANO'S
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