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ARIZONA SEED & FLORAL CO

PHOENIX
ARIZONA
1921

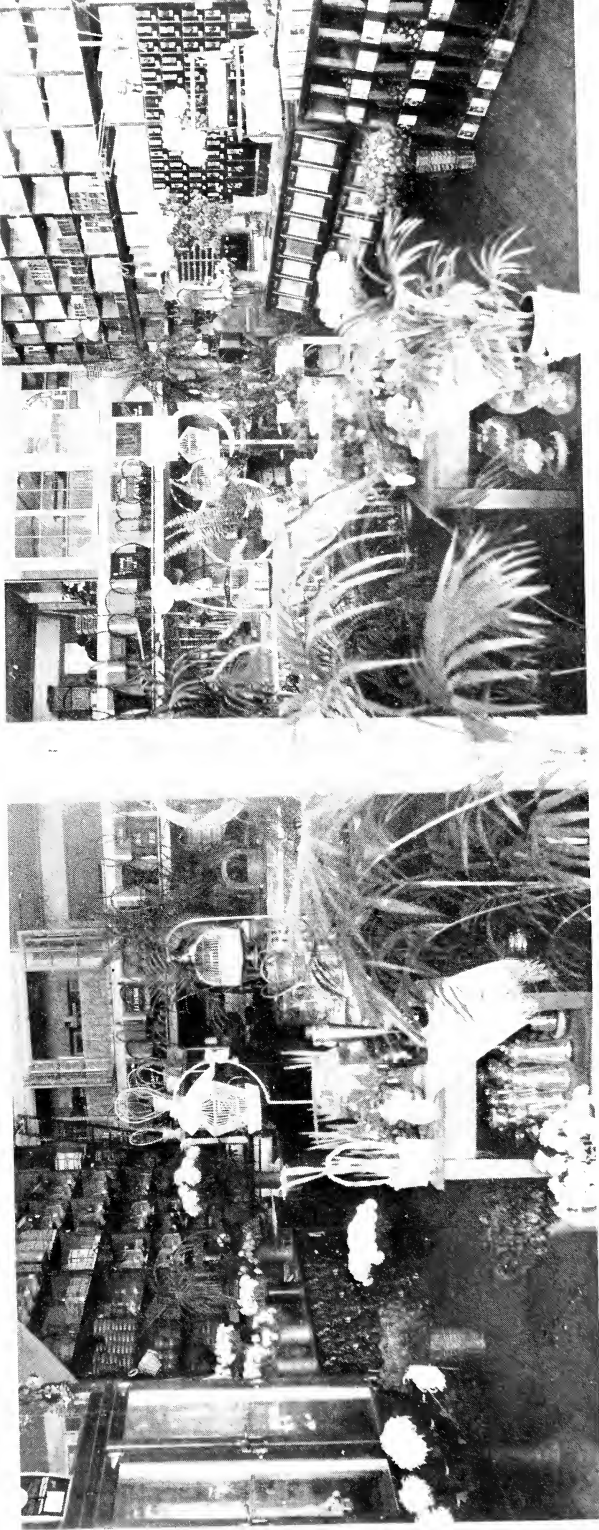
W. W. Tracy, Sr.
JAN 31 1921



1127/21

“Why Don't
you raise
your own”

The Largest and Best Equipped Seed and Floral Store in Arizona



Interior of Retail Store, 28-30 South Central Avenue

Arizona Seed and Floral Company

Phoenix, Arizona

TO OUR OLD CUSTOMERS

The past season has been a "whirlwind" of general excitement for all lines of business including farming. High prices, freak weather, tight money and many other unusual conditions had most of us "all fussed up" until we wondered what would happen next, but we have weathered the storm and now have our sleeves rolled up ready for another twelve months of action.

As usual our business increased in spite of the fact that the Salt River Valley went almost solid to Long Staple Cotton. Our Mail Order Business nearly doubled over the previous year. Orders came from Arizona, New Mexico, Colorado, Oklahoma, Texas, California, and Old Mexico in great numbers, proving to me beyond all doubt that by doing business "on the square," rendering honest and efficient service and furnishing high grade merchandise, we have gained the confidence of the seed buying public of the Great Southwest.

It is a source of great personal satisfaction to know that our customers are convinced of our honesty of purpose, and it means that we are each year placed in a better position to render a greater service.

During the past year we have put forth every effort to be prompt and courteous, and I hope we have succeeded in pleasing you to the extent that you will feel we have earned your continued patronage.

I would appreciate your introducing us to your friends and neighbors by requesting us to send them each a catalogue and I assure you that we will do our best to cultivate their friendship that you may have no regrets over having introduced us.

TO NEW CUSTOMERS

It is the moral obligation of every seedsman to be well informed in his line and to this end we have not left a stone unturned. Personally I was raised behind a Seed Counter and on a Truck Farm.

I have been associated with the seed business in some capacity all my life and I have tried never to let an opportunity to learn something slip by unnoticed.

We have monthly meetings of our employees at which we carry on an educational program and exchange ideas for the betterment of the business. We have through our medium of education contributed more to the success of the homesteader and newcomer than any other agency. We have distributed without charge more than 90,000 catalogues containing cultural directions for the Great Southwest. We are constantly bending every effort to be of service to the community and state in which we live, and we want you to personally give us an opportunity to serve you. Ordering merchandise purely on what the other fellow says about it is taking some risk if you are not present to see for yourself. The seller must have the absolute confidence of the buyer and we want the opportunity to establish that confidence with you.

TO THE BOYS AND GIRLS

Why don't you boys and girls plant the garden this year and sell Ma and Pa their vegetables? You might sell some to the neighbors too. Write to me personally about it and I will help you all I can. Just tell me how much ground you have, if you have irrigation, and what the altitude is, and that will give me a pretty good idea of how you should proceed and what you should plant; or just read this catalogue and learn for yourself. Show the neighbors that you are progressive and wide awake, and the very feeling that you are doing something for yourself will more than repay you for the effort put forth.

ORDER EARLY

In conclusion, I want to make an appeal for early orders. Our new stocks are ready by January 1st, and if you will send your orders in soon it will relieve the congestion that invariably occurs during March and April. If you will do this we can give your order more time and personal attention.

When you come to Phoenix, come in and make yourself known and incidentally see the best Seed and Floral Store in the Great State of Arizona.

F. C. McNABB,
President and Manager

PLANTING CHART

Kind of Vegetable	Seeds or Roots Required for 100 feet of Drill	One Acre	Distance for Plants to Stand			Depth of Planting	Ready for Use After Planting About
			Rows Apart		Plants Apart in Rows		
			Horse Cultivation	Hand Cultivation			
Asparagus, seed	1 ounce	5 lbs.	30 to 36 in.	1 to 2 ft.	3 in.	1 in.	2 years
Asparagus, roots	60 to 80 roots	1 ounce	3 to 5 ft.	12 to 24 in.	15 to 20 in.	3 to 5 in.	1 year
Beans, Dwarf	1 lb.	60 lbs.	30 to 36 in.	18 to 24 in.	2 in.	1 in.	42 to 75 days
Beans, pole	½ lb.	30 lbs.	3 to 4 ft.	3 to 4 ft.	3 to 4 ft.	1 in.	72 to 90 days
Beets	1 ounce	6 lbs.	28 to 36 in.	12 to 18 in.	2 in.	1 in.	45 to 60 days
Brussels Sprouts	3 pkts.	2 ounces	30 to 36 in.	24 to 30 in.	16 to 24 in.	½ in.	100 to 120 days
Cabbage, early	3 pkts.	½ lb.	30 to 36 in.	24 to 30 in.	12 to 18 in.	½ in.	90 to 110 days
Cabbage, late	3 pkts.	¼ lb.	30 to 40 in.	24 to 36 in.	16 to 24 in.	½ in.	110 to 120 days
Carrot	4 pkts.	2 lbs.	30 to 36 in.	18 to 24 in.	2 in.	½ in.	55 to 80 days
Cauliflower	3 pkts.	1 ounce	30 to 36 in.	24 to 30 in.	14 to 18 in.	½ in.	120 to 150 days
Collards	3 pkts.	¼ lb.	30 to 36 in.	24 to 30 in.	14 to 18 in.	½ in.	100 to 120 days
Corn, sweet	3 pkts.	12 lbs.	36 to 42 in.	30 to 36 in.	4 every 3 ft.	1 in.	55 to 90 days
Cress, water	4 pkts.	1 ounce	Broadcast			Under water	60 to 70 days
Cucumber	½ ounce	2 lbs.	4 to 6 ft.	4 to 6 ft.	4 every 3 ft.	1 in.	50 to 70 days
Eggplant	2 pkts.	¼ lb.	30 to 36 in.	24 to 30 in.	18 in.	½ in.	125 to 140 days
Endive	1 ounce	2 lbs.	30 in.	18 in.	12 in.	½ in.	100 days
Horse Radish	70 roots	1 ounce	30 to 40 in.	24 to 30 in.	20 in.	3 to 4 in.	1 year
Kale, or Borecole	3 pkts.	1 lb.	30 to 36 in.	18 to 24 in.	18 in.	½ in.	55 to 60 days
Kohl-rabi	3 pkts.	1 lb.	30 to 36 in.	18 to 24 in.	6 in.	½ in.	55 to 70 days
Leek	½ ounce	4 lbs.	30 to 36 in.	14 to 20 in.	4 in.	½ in.	120 to 150 days
Lettuce	½ ounce	3 lbs.	30 in.	12 to 18 in.	6 in.	½ in.	70 to 90 days
Melon, Muskmelon	½ ounce	2 lbs.	6 to 8 ft.	6 to 8 ft.	4 every 4 ft.	1 in.	85 to 150 days
Melon, Watermelon	1 ounce	2 lbs.	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in.	100 to 130 days
Mustard	3 pkts.	1 lb.	30 to 36 in.	12 to 18 in.	4 or 5 to ft.	¼ in.	60 to 90 days
New Zealand Spinach	1 ounce	8 lbs.	36 in.	24 to 36 in.	12 in.	1 to 2 in.	60 to 100 days
Okra	2 ounces	8 lbs.	4 to 5 ft.	3 to 4 ft.	24 in.	1 in.	90 to 140 days
Onion, seed	1 ounce	4 lbs.-5 lbs.	24 to 36 in.	12 to 18 in.	2 in.	½ in.	125 to 150 days
Onion, sets	1 quart of sets	50 lbs.	24 to 36 in.	12 to 18 in.	4 or 5 to ft.	1 in.	100 days
Parsley	3 pkts.	3 lbs.	24 to 36 in.	12 to 18 in.	3 in.	½ in.	65 to 90 days
Parsnip	½ ounce	3 lbs.	30 to 36 in.	18 to 24 in.	2 in.	½ in.	130 days
Peas	1 lb.	60 lbs.	3 to 4 ft.	30 to 36 in.	1 in.	1 in.	45 to 75 days
Pepper	2 pkts.	2 ounces	30 to 36 in.	18 to 24 in.	15 in.	½ in.	130 to 150 days
Potatoes, Irish	5 lbs.	16 bu.	30 to 36 in.	24 to 36 in.	14 in.	4 in.	90 to 150 days
Potato, Sweet	3 lbs. (or 75 slips)		3 to 5 ft.	3 to 5 ft.	14 in.	3 in.	150 days
Pumpkin	½ ounce	4 lbs.	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in.	75 to 90 days
Radish	1 ounce	10 lbs.	24 to 36 in.	12 to 18 in.	1 in.	½ in.	20 to 75 days
Rhubarb, seed	½ ounce	36 in.	30 to 36 in.	6 in.	½ to 1 in.		3 years.
Rhubarb, roots	33 roots	3 to 5 ft.	3 to 5 ft.	3 ft.	2 to 3 in.		1 year
Ruta-baga	3 pkts.	2 lbs.	30 to 36 in.	18 to 24 in.	6 in.	½ to 1 in.	90 days
Salsify	1 ounce	8 lbs.	30 to 36 in.	18 to 24 in.	2 in.	½ in.	150 days
Spinach	1 ounce	8 lbs., sown Broadcast 30 lbs.	30 to 36 in.	12 to 18 in.	2 in.	1 in.	45 days is min.
Squash, summer	½ ounce	4 lbs.	3 to 4 ft.	3 to 4 ft.	4 every 4 ft.	1 in.	65 to 70 days
Tomato	2 pkts.	1½ ounces	3 to 5 ft.	3 to 4 ft.	3 to 4 ft.	½ in.	125 to 150 days
Turnip	½ ounce	1 lb. sown Broadcast 3 lbs.	24 to 36 in.	18 to 24 in.	2 in.	¼ in.	45 to 90 days

NUMBER OF PLANTS TO AN ACRE

SET AT REGULAR DISTANCES APART

Distance apart	No. plants	Distance apart	No. plants	Distance apart	No. plants
3 in. by 4 in.	522,720	3 ft. by 3 ft.	4,840	5 ft. by 5 ft.	1,742
4 in. by 4 in.	392,040	3½ ft. by 3½ ft.	3,555	5½ ft. by 5½ ft.	1,440
6 in. by 6 in.	174,240	4 ft. by 1 ft.	10,890	6 ft. by 6 ft.	1,200
1 ft. by 1 ft.	43,560	4 ft. by 2 ft.	3,630	6½ ft. by 6½ ft.	1,031
1½ ft. by 1½ ft.	19,360	4 ft. by 4 ft.	2,722	7 ft. by 7 ft.	888
2 ft. by 1 ft.	21,780	4½ ft. by 4½ ft.	2,150	8 ft. by 8 ft.	680
2 ft. by 2 ft.	10,890	5 ft. by 1 ft.	8,712	9 ft. by 9 ft.	537
2½ ft. by 2½ ft.	6,960	5 ft. by 2 ft.	4,356	10 ft. by 10 ft.	435
3 ft. by 1 ft.	14,520	5 ft. by 3 ft.	3,904	11 ft. by 11 ft.	360
3 ft. by 2 ft.	7,260	5 ft. by 4 ft.	2,178	12 ft. by 12 ft.	302

RULE.—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant or hill; which divided into the number of square feet (43,560), will give the number of plants to the acre.

BUY THE BEST—WE DO

Prices in This Catalogue Cancel All Previous Prices and are
Subject to Change Without Notice

How To Order By Mail

YOUR NAME AND ADDRESS.—Be sure that your name and address are written very plainly on each order. We frequently have orders where either name is not given or address omitted. Also give plainly the R. F. D. number and box or street address. We acknowledge all orders above 25 cents by Post Card, giving the number of your particular order. If such acknowledgement is not received, or if the order does not follow at once, write us about it.

CASH WITH ORDER.—The proper way is to send remittance in full to cover order and postage. Remittance should be made by Post Office Money Order or Express Money Order. For amounts up to \$1.00 clean unused Postage Stamps will be accepted. Checks on Phoenix banks may be sent, which will be a great convenience to many customers. We do not accept responsibility for orders which never reach us.

SHIPPING.—We will use our best judgment as to the best way of sending orders when specific directions are not given. On large orders it is better to have them go by express or freight if your town is on a railroad. If special directions in shipping are needed, send them explicitly, and where express or freight office is different from post office so state in space on our order sheet. Paris Green, London Purple and other poisons are not mailable, nor are liquids like Black Leaf 40 and other insecticides; they must go by express or freight. Seeds do not pack well with nursery stock, they may get damp and become spoiled; it is therefore better to have them shipped separately.

POSTAL RATES—Rates of Postage on Books, Seeds, Bulbs, Plants, Roots, and Scions Cuttings, 8 oz. or less, 1c for each 2 oz.; all over 8 oz., Parcel Post Rates.
WEIGHT LIMIT: First and second zones 70 pounds, third zone and others 50 pounds.

1st zone Up to 50 miles from Phoenix	2d zone 50 to 150 mi. from Phoenix	3d zone 150 to 300 mi. from Phoenix	4th zone 300 to 600 mi. from Phoenix	5th zone 600 to 1000 mi. from Phoenix	6th zone 1000 to 1400 mi. from Phoenix
1 lb.....5c 2 lb.....6c	1 lb.....5c 2 lb.....6c	1 lb.....6c 2 lb.....8c	1 lb.....7c 2 lb.....11c	1 lb.....8c 2 lb.....14c	1 lb.....9c 2 lb.....17c
For every additional lb. or part of add 1c	For every additional lb. or part of add 1c	For every additional lb. or part of add 2c	For every additional lb. or part of add 4c	For every additional lb. or part of add 6c	For every additional lb. or part of add 8c

SEEDS BY MAIL.—On orders for vegetable and flower seeds except Beans, Corn and Peas we pay postage, but we do not pay postage charges on Onion Sets, Field Seeds, Clovers, Grasses, Bird Seeds, Beans, Corn, Peas, Tools, Plants or Bulbs, *except where the price reads postpaid.*

GUARANTEE.—Complaints that seeds are not of good germination might quite as often be attributed to other causes than the quality of the seed. There are many contingencies arising to prevent the best seed giving satisfaction; such as sowing too deeply, too shallow, in too wet or too dry a soil, insects may destroy the plants as soon as or before they appear, wet weather, cold weather, frosts, chemical changes in the seed induced by temperature, etc. For these reasons it is impracticable to guarantee seed under all circumstances, therefore the Arizona Seed & Floral Company give no warranty, expressed or implied as to description, quality, productiveness or any other matter of any seeds, bulbs, plants or trees they send out, and they will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

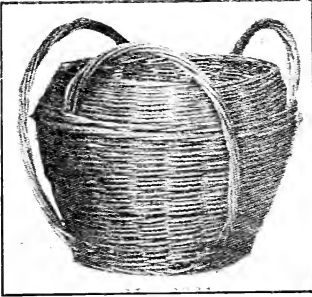
Arizona Seed & Floral Company,

F. C. McNabb, Pres. and Mgr.

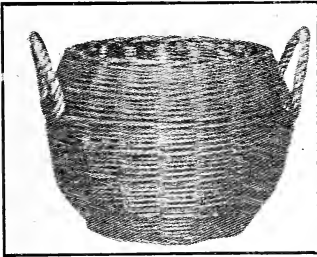
BUY THE BEST—WE DO

PLANT BASKETS

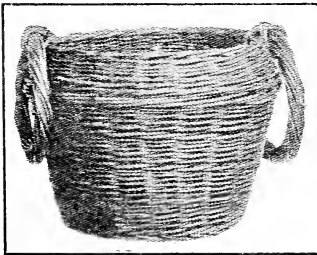
WELL MADE WILLOW BASKETS IN GREAT ASSORTMENT



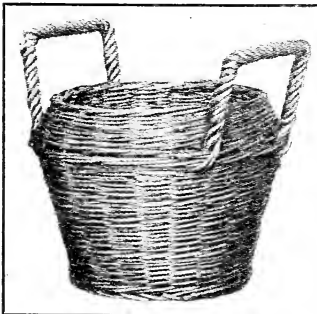
No. 2061



No. 2053



No. 2060



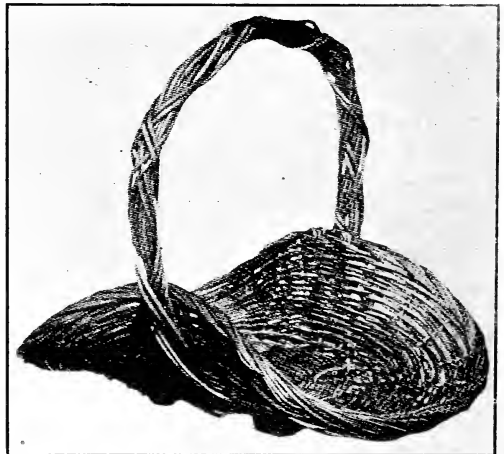
No. 2062

In our Floral Department we have a great assortment of beautiful things for the home, such as Willow Baskets for plants, ferns, cut flowers, parties, and in fact any occasion that requires special decorations. The baskets pictured here are only a few of the many sizes and shapes we carry.

We invite personal inspection of this department which is in charge of an Expert Florist and Decorator who will assist you in planning any home or public decoration.

FLOWERS BY WIRE

We are members of the Florists Telegraph Delivery Association. This is an association of 1400 florists located in 850 cities and towns. The membership comprises all the leading retail florists of the United States and some foreign countries. The purpose of this organization is to transmit by telegraph or cable any order for flowers you may place with us for quick delivery to your relative or friend living in some other city or town. The system in operation is highly perfected, assures quick action and is of guaranteed reliability. Simply specify the amount you wish to spend. We will then wire the specifications to our F. D. T. Member in the city you designate, and the delivery of fresh flowers will be made by him within a few hours after we have received the order.



Fire-side Basket

BUY THE BEST—WE DO

CUT FLOWERS AND FLORAL DESIGNS

FOR ALL OCCASIONS



WREATH

FLAT CROSS—One of the best designs in use. \$5.00 and up.

WREATH—May be made of roses, carnations, or other seasonable flowers. \$5.00 to \$20.00, according to size.

MAGNOLIA WREATH—Made of cured magnolia leaves, with a touch of flowers. These will keep for weeks. Each \$3.50, \$4.00, \$5.00, \$6.00, according to size.

FLOWERS BY EXPRESS

Weddings, parties and other special occasions are incomplete without flowers. We are at your service on such occasions with expert designers and packers who will prepare your order properly and pack it to carry in good condition to any express office in the state. Write to us stating fully your idea of what you need and we will assist you in properly selecting what you should have to suit the occasion.

“SAY IT WITH FLOWERS”

Flowers speak a universal language. That message of joy and gladness that you want to send to some one dear to you can be expressed best with flowers. Just send us your order and state what message you want to send and we will do the rest.

We are prepared to execute orders for floral designs on short notice and list here floral pieces which will ship conveniently by express. Rush orders should be telephoned or telegraphed in, giving as much time as possible for filling them. In ordering state definitely when they must reach destination.

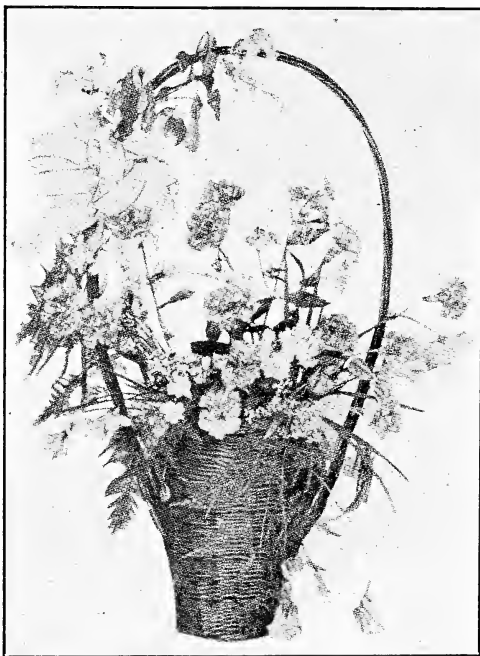
FLORAL DESIGNS

CARNATION SPRAY—Made of three dozen or more of white or light pink. Carnations, \$4.00 up to any size.

LOOSE SPRAY ROSES—Made any color and with chiffon bow. \$5.00 and up.

PILLOW—A very popular design, generally used as a family tribute. \$7.50 to \$25.00.

HEART—Lends itself to artistic arrangement and makes a beautiful floral offering. \$4.00 to \$12.00.



BASKET No. 7032

BUY THE BEST—WE DO

CANNA BULBS

NEW VARIETIES WITH LARGER FLOWERS AND MORE OF THEM

In no other flower has there been such a rapid development. For Arizona and New Mexico they are the finest bedding plant we have. Flowers are of great size and of lovely shape, rivaling orchids in outline and coloring. Plant in a warm soil, plenty of water and in a half shaded location. The varieties offered here are not the common everyday Canna, but are the latest and most up-to-date varieties, and are not to be classed with the roots you would get from your neighborhood bed.



CANNA

Gloriosa.—Large crimson flowers edged with gold; the gold gradually shading into the crimson, making a beautiful combination. The foliage is green. The height three to four feet. (Each 15c) (Dozen \$1.50.)

L. Patry.—One of the prettiest of the salmon pink varieties. The trusses of flowers are immense and of fine substance. The petals are long and pointed with yellow streaks at the center. The foliage is green and the height is three to four feet. (Each 20c) (6 for \$1.00) (Dozen \$1.75.)

MRS. A. F. CONRAD

A Soft Rose Pink --- Very Large.

In offering this Canna we have something worth while. The flower is a beautiful soft rose pink with a mahogany brown in the throat, shading through the loveliest hues of soft light rose pink. The foliage is bright green; height, three to four feet. (Bulbs each 25c) (5 for \$1.00) (Dozen \$2.00.)

West Grove.—Green foliage, height three to four feet. Flowers four to five inches across, large truss, color a deep cerise pink. (Each 20c) (6 for \$1.00.)

COLOSSAL

The Largest Canna Grown.

Colossal.—Deep rich crimson with drooping petals, which when spread often measure nine to ten inches across. The foliage is green and it grows to a height of five to six feet. We consider this the very best crimson. (Each 20c) (6 for \$1.00) (Doz. \$1.75.)

Di Otranto.—Green foliage, height three to four feet. Truss flower of large size and lily shaped. Color a strong orange yellow with bright vermilion red throat from which shoots rays of bright red into the rich yellow; very striking. (Each 20c) (6 for \$1.00) (Dozen \$1.75.)

Dr. Robert Funke.—A large flowering variety with glowing scarlet blossoms. The foliage is green and the height three to four feet. (Each 15c) (Dozen \$1.50.)

Allemania.—A combination of orange and gold, large orchid flowering. Green foliage, height three to four feet. (Each 15c) (Dozen \$1.50.)

Hungaria.—Two to three feet high, very compact, almost dwarf and of luxuriant growth, flowers large with rounded petals, color a blue-pink with cream in the throat. (Each 25c) (5 for \$1.00) (Dozen \$2.00.)

Wyoming.—Bronze leaf, four feet high. A true orchid flower of large size and fine shape, color a true orange, rich velvety and strong. (Each 20c) (6 for \$1.00) (Dozen \$1.75.)

Gladiator.—Bright yellow flowers spotted with rich red spots of various sizes. The foliage is bright green. Height five to six feet. (Each 15c) (Dozen \$1.50.)

Venus.—Green leaves, three to four feet high. Fine orchid flowers of a clear rose-pink with golden edges and throat. (Each 25c) (5 for \$1.00) (Dozen \$2.00.)

Queen Helene.—This is one of the very best Cannas; a sturdy grower with immense flowers of a rich golden yellow spotted heavily with vermilion. (Each 25c) (5 for \$1.00) (Dozen \$2.00.)

Madam Elida Bertie.—A lily shaped flower of a clear lemon yellow thickly spotted with old rose. Wonderfully effective for table decorations. (Each 20c) (5 for \$1.00) (Dozen \$1.75.)

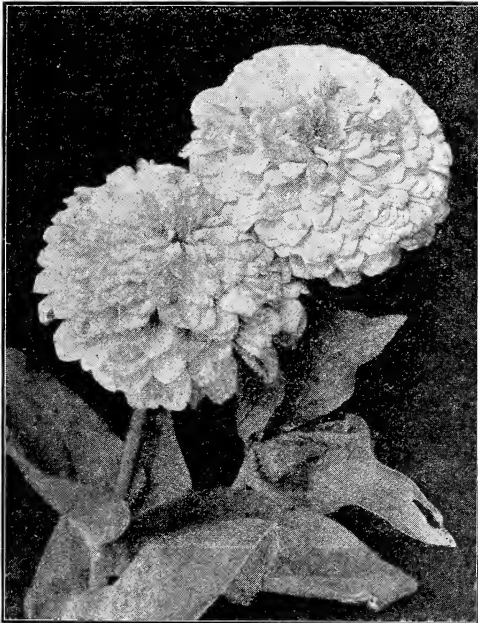
ANTIGONON LEPTOPUS

A Beautiful Permanent Vine, bearing lovely shell pink blossoms

Antigonon Leptopus.—(Queens Wreath).—Admirably adapted to our climate in the Salt River Valley. Grows an immense vine early, kills down by frost, and grows the following Spring from the roots. There are only a few of these to be found in the Valley, but those few excite no end of comment during September and October when they are covered with a mass of beautiful pink blossoms. Very scarce. (Tubers per clump 50c.)

SPECIAL GIANT ZINNIAS

We have been endeavoring for some time to produce a large flowering high grade Zinnia, and at last we have succeeded. In offering the giant Zinnias this year we have no hesitancy in stating that they are the finest ever. We actually grew flowers last summer that measured 6½ inches across and they were beauties too. Immense flowers of wonderful colors and with long stiff stems making them excellent for cut flowers. The Zinnia is strictly a hot weather plant and will grow and bloom the entire summer, no matter how warm the climate. They are just the thing for Arizona climatic conditions, blooming at a time when flowers are scarce. We know you will be pleased with these, and we urge you to include them in your collection for the summer flower garden.



GIANT DOUBLE DAHLIA FLOWERED

Giant Double Dahlia Flowered.—This wonderful Zinnia truly resembles the famous Dahlia. The flowers are very large and double, and the color mixture is one that is pleasing to the eye. We consider this our finest Zinnia mixture. (Special Packet 50c.)

GIANT PICOTEE MIXED

Giant Picotee Mixed.—This Zinnia is in a class by itself. In addition to its being double and large flowered each petal is distinctly tipped with a darker shade of the same color, making it novel and attractive. (Special Packet 40c.)

GIANT VICTORY QUILLED MIXED

Giant Victory Quilled Mixed.—We only have a small quantity of this seed to offer this year. The flowers are very large with velvety quilled petals. The plants are vigorous and well branched. (Special Packet 40c.)

GIANT BUTTER CUPS

Giant Butter Cups.—A very pleasing shade of creamy yellow. Intermingled with other colors or by itself, it is very bright and pretty. The flowers are large and double. (Special Packet 40c.)

SEPARATE COLORS

DOUBLE GIANT ZINNIA		
	Pkt. \$0.25	Oz. \$1.50
Giant Burnt Orange.....
Giant Golden Yellow.....
Giant Pink Shades.....
Giant Scarlet.....
Giant White.....
Giant Mixed.....
Double Mixed Elegans.....

VINE SEEDS

Be Sure to Try These.

Kudzu Vine.—Most every one wants shade for July and August and there is just one way to get it. Plant a variety, and don't be stingy with the seed.

Kudzu is a rapid-growing perennial in mild climates and an annual in cold climates. It makes a good growth in the early part of the season if well cultivated and watered. Prepare your soil well and cultivate thoroughly after the plants are up. This holds good for any vine if you get rapid growth and early shade. Don't just put the seed in the ground and then forget it.

(Kudzu Seed per packet 15c.)

Cardinal Climber.—The Cardinal Climber is a very rapid grower and attains a height of 30 feet or more. The beautiful fern-like foliage is covered with a mass of brilliant red blossoms from mid-summer until frost. The flowers are borne in clusters of six or seven each and present a wonderful

appearance. You folks who are looking for vines better try this one. Soak the seed in warm water until they begin to swell or file each seed slightly to insure germination. (Per Packet 25c.)

Japanese Fringed Morning Glory.—A very large flowering variety with a frilled or fringed edge. The vines are vigorous and quick-growing. For early shade we think there is nothing better than this prettily flowered Morning Glory. It requires one ounce to plant forty feet of drill. (Pkt. 10c) (Oz. 50c.)

Cypress Vine.—A splendid climber with delicate dark green feathery foliage and an abundance of star-shaped scarlet blossoms. We have seen Cypress Vine in this valley growing to a height of 30 feet. One packet will plant about 10 feet and it requires one ounce to plant fifty feet. (Per Pkt. 10c) (Oz. 60c.)

BUY THE BEST—WE DO

New Mexican Ever Blooming Tuberose

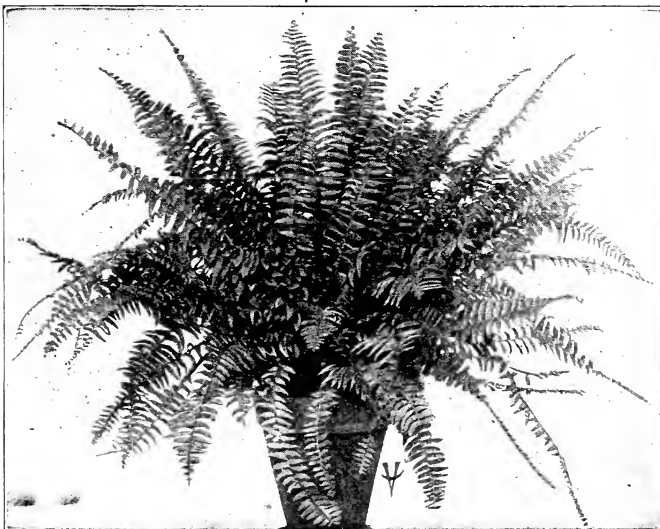
PRETTY AND
FRAGRANT

Originated in Mexico where it is grown to perfection under tropical conditions. They have long stiff stems, pure white single flowers, and are delightfully fragrant. They withstand the hot sun, begin blooming in July, and continue until frost. They may be cut when the first flower opens and they will keep for a week or ten days. Single bulbs planted soon become clusters of bulbs, until they become so thick it is necessary to thin and transplant them. We can supply bulbs from January first to June first, and we earnestly recommend them to our customers for garden display or cut flowers.

Each 10c, dozen \$1.00.



FERNS



BOSTON FERN

POTTED FERNS

A cheerful home requires cheerful surroundings. One or more of our freshly potted ferns will add a touch to the home decoration.

In stock from October 1 to March 1.

Prices include packing for shipment.

Asparagus Plumosus in 6 inch pots, each \$1.50.

Asparagus Springeri in 6 inch pots, each \$1.50.

Boston Fern in 6-inch pots, each \$2.50.

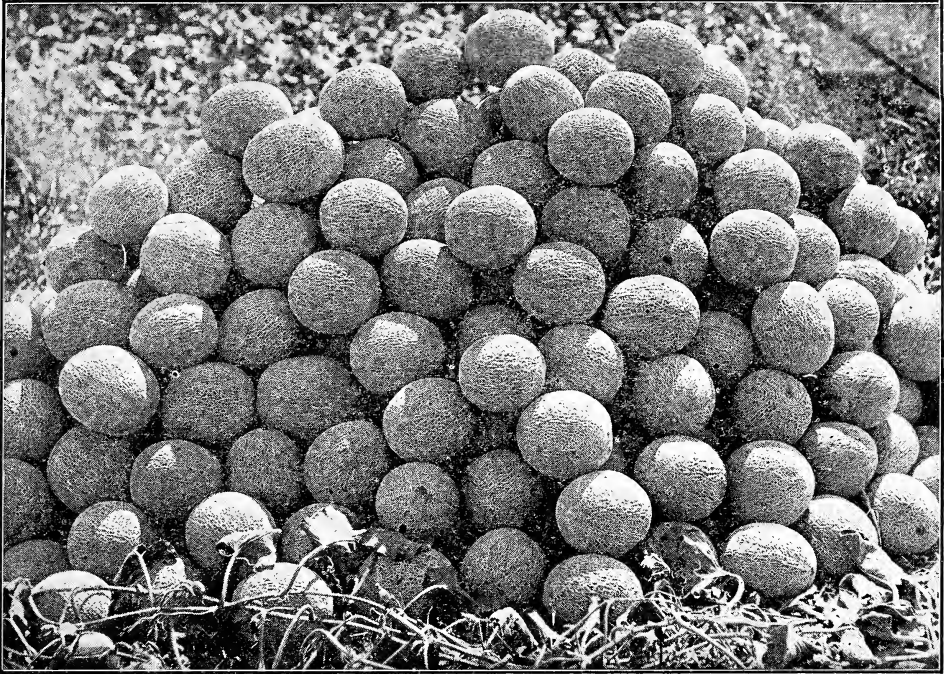
Whitmanni, fine foliage, in 6-inch pots, each \$2.50.

Hanging Baskets. — With Boston or Springeri fern, each \$3.00 to \$5.00.

BUY THE BEST—WE DO

No. 1025--IMPROVED SALMON TINTED

THE POPULAR SHIPPING MELON



In general appearance this melon closely resembles the well known salmon tinted strain except that the netting is heavier and more prominent and the color is a more pronounced salmon. It will show fewer culls than any variety grown for shipping. It was planted and shipped with great success in the Imperial Valley, Salt River Valley and other cantaloupe growing districts last season.

Our seed is produced by a grower who supplies 75% of the seed to the large Cantaloupe growing Districts. It is taken from first cut melons and is positively high grade in every respect. This particular melon cannot be bought from the average seed house for the reason that the seed is distributed among large shippers rather than to seedsmen, and it is only through our connection with the shipping interests that we are privileged to catalogue it. Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00

FLOWERING PLANTS AND BULBS

NOTICE

The prices on these items are postpaid, unless otherwise noted, and they will be sent as soon as the plants are large enough for shipping; or in case of bulbs, in their proper season.

Calla Lily.—Requires rich soil and a shaded location. Large size bulbs. (Each 25c)

Carnation Plants.—Rooted cuttings from greenhouse stock in White, Red or Pink. Fine healthy plants. Ready March 1st. From 2 inch pots (20c each) (\$2.00 per Doz).

Caladium Bulbs.—Require rich moist soil and a shaded location. Very large bulbs. (Each 30c).

Chrysanthemum Plants.—Rooted cuttings grown from fancy large flowering varieties. Plant in rich moist soil and cut back to within eight inches of the ground June 1st, allowing one or two branches to grow. From 2½ inch pots (each 20c) (\$2.00 per Doz).

Pansy Plants.—Giant flowering varieties in many colors. Ready about December 15th. (Doz. \$1.50.) Postage, 15c per dozen.

Violet Plants.—Strong healthy plants. Ready November 1st. Extra fine potted plants (10c each) (\$1.00 per Doz.) Postage, 15c per dozen.

Shasta Daisy.—The large pure white flowers with a yellow center and long stems are becoming quite numerous among Arizona gardens, since it has become generally known that they can be successfully grown here. Beginning January 1, we have large well rooted clumps. (Each 25c) (Per Doz. \$2.50).

Gladiolus.—Planted during the very early Spring they will produce handsome cut flowers that will last for a week or more. Assorted colors. (Doz. \$1.00)

Madeira Vine Tubers.—A well known climber with white flowers and foliage of waxy appearance. Large size bulbs. (Each 10c) (3 for 25c).

Moon Flower Vine.—We grow these in pots and can supply them about March 1st. (Each 25c).

BUY THE BEST—WE DO

LAWN SEED

Lawn Seed.—Level the ground carefully, pulverizing all lumps and removing all stones. Enrich with Gromore fertilizer at the rate of one pound to 20x20 and rake it in. Scatter the seed evenly over the surface at the rate of two pounds to 10x10 for Australian Rye, one pound to 10 by 20 for Blue Grass and one pound to 500 square feet for Bermuda Grass, then apply a mulch of sand or well rotted fine manure. Water carefully and regularly, not allowing the surface to dry out until the grass is up. In the Salt River Valley and similar climates, Australian Rye Grass should be planted from September 15th to March 1st and Bermuda Grass during the summer months.

AUSTRALIAN RYE GRASS

This is the most popular Lawn Grass in the Southwest. It should be planted two pounds to 10x10 feet, from October first throughout the winter. Prepare the lawn, sow the seed and without raking, spread a thin mulch of rotted manure

or sand. Keep well watered with a fine spray or nozzle.

	Lb.	10 lbs.	50 lbs.
Australian Rye Grass	\$0.25	\$2.00	\$9.00

BERMUDA GRASS.

Plant one pound to 500 square feet for lawn. For summer lawn.

	Lb.	10 lbs.
Bermuda Grass	\$1.00	\$7.50

WHITE CLOVER.

For a mixture in the Fall and Winter lawn plant one pound to 2,000 square feet.

	Lb.
White Clover	\$1.00

KENTUCKY BLUE GRASS.

A suitable Lawn Grass for the higher altitudes and mountain districts of the Southwest.

	Lb.	10 lbs.
Kentucky Blue Grass	\$0.60	\$5.00



STREET SCENE, MID-WINTER, PHOENIX, ARIZONA.

Poppies and Scarlet Flax Bordering Walk.

BUY THE BEST—WE DO

BEANS



IMPROVED GOLDEN WAX

BEANS

BUSH VARIETIES

Stringless Green Pod.—This is by far the leading green pod variety, possessing the invaluable quality of bearing pods without strings or threads. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Black Wax.—A very popular variety for the home garden, being one of the earliest and bearing round meatty pods of deep golden yellow. It is almost entirely stringless and carries the excellent flavor for which all wax beans are noted. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Improved Golden Wax.—Although this is not the earliest dwarf wax bean it is a sure and heavy cropper. The quality is good, it being entirely without strings or fibres at all stages until maturity. Pods are of a rich golden yellow. (Pkt. 10c) (lb. 50c) (10 lbs. \$3.50) postpaid.

LIMA BEANS

Burpee's Bush Lima.—Large seeded and very early maturing. (Pkt. 10c) (lb. 45c) (10 lbs. \$3.50) postpaid.

Large Lima.—A pole variety, large seeded, bearing usually three to four beans in a pod. (Pkt. 10c) (lb. 50c) (10 lbs. \$3.50) postpaid.

Aztec Beans.—First discovered in the old Aztec ruins of Arizona. It is very large somewhat resem-

bling a Lima except that it is round. The Aztec is at home in arid sections and produces enormous crops of fine plump beans that may be either shelled green and cooked or cooked dry. Owing to the limited supply we can offer them only in small quantities. (Pkt. 10c) (lb. \$1.00)

POLE BEANS

Kentucky Wonder.—This large green pod bean should be planted as early as possible in the Spring and again the latter part of July, and to August 15. The Fall crop does remarkably well if staked. (Pkt. 5c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Kentucky Wonder Wax.—Very similar to the green pod. Prolific and of good quality. Plant during June and July in Southern climates. (Pkt. 5c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Broad Windsor.—The celebrated Broad Bean of England. Growing on a strong stalk two feet high; beans eaten shelled. (Pkt. 10c) (1 lb. 30c) (10 lbs. \$2.50) postpaid.



BEANS—STRINGLESS GREEN POD

ARTICHOKE

Green Globe.—Grown for the undeveloped flower heads which are cooked like asparagus. When once planted it lasts several years. Seed should be sown in frames and plants transplanted to the open when large enough. (Pkt. 10c) (oz. \$1.20)

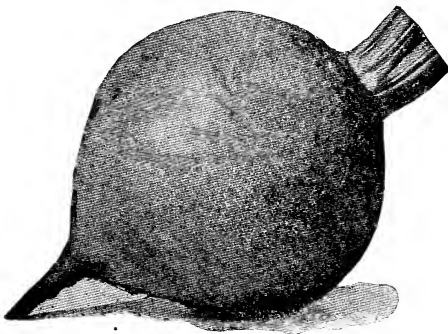
ASPARAGUS

Palmetto.—An early and productive sort, throwing light green shoots, slightly tinted pink. This variety is very popular among market gardeners. We can supply roots of these about January 15th, and later. Seed per (pkt. 10c) (oz. 20c) (1/4 lb. 45c) (lb. \$1.25)

BEETS

In the small garden beets may be grown in rows 12 inches apart, in the field 18 to 24 inches. They may be planted from August 1 to June 1. One ounce of seed will sow 50 feet of row and six or seven pounds are required for an acre. If the soil is in perfect condition beet seed will germinate readily, but they should not be planted in wet, soggy ground in the winter time.

Frequent cultivation is necessary for rapid and tender growth. While it is true beets will endure considerable drouth and neglect, growing under these conditions they become woody and ill shaped, particularly in our heavy adobe soil. Keep them well cultivated and they will produce table size beets in 65 to 70 days.



ECLIPSE

Eclipse.—Not quite as early as the Egyptian. It is nearly round and has a small top. The flesh is of a bright red color, very fine grained, tender and sweet. (Pkt. 10c) (oz. 20c) (¼ lb. 45c) (lb. \$1.25.)

Crosby's Egyptian.—A medium sized beet, very early and of small top. It is a globe variety of deep crimson, sweet and tender. We recommend it highly for market gardeners or home garden. (Pkt. 10c) (oz. 20c) (¼ lb. 45c) (lb. \$1.25.)

Extra Early Egyptian.—An early dark red flat variety, which we recommend for late Spring and Summer planting, it having been thoroughly demonstrated by Salt River Valley market gardeners that it is far superior to any other for planting at this time. (Pkt. 10c) (oz. 20c) (¼ lb. 45c) (lb. \$1.25.)

Early Blood Turnip.—One of the early sorts; turnip shaped, dark red and of medium size. (Pkt. 10c) (oz. 20c) (¼ lb. 45c) (lb. \$1.25.)

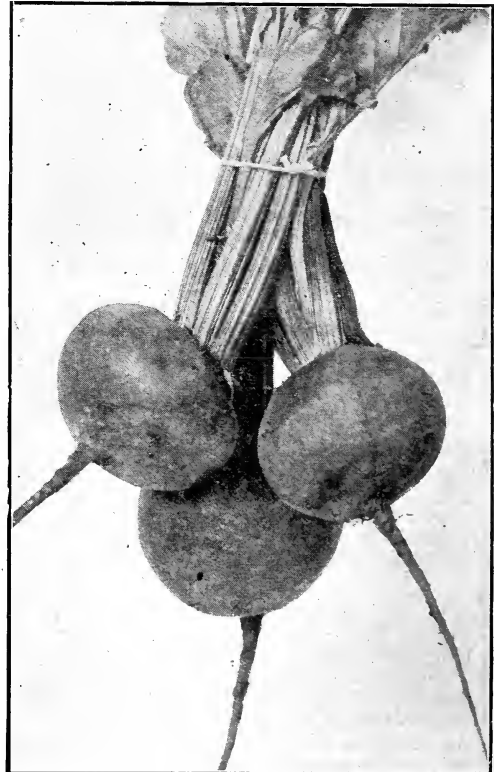
Detroit Dark Red.—One of the best for home or market garden use. Medium sized, globular or nearly round with a fine grained, dark red flesh. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

Long Blood.—A splendid variety for sandy soil but should be avoided if soil is heavy as it is almost impossible to harvest them. Flesh is very dark red and beet long, symmetrical shape. (Pkt. 10c) (oz. 20c) (¼ lb. 45c) (lb. \$1.25.)



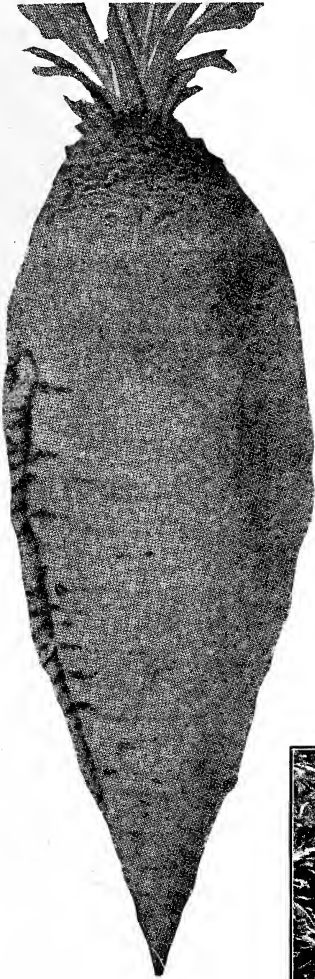
SWISS CHARD

Swiss Chard.—A foliage beet used for greens. Excellent for green feed for poultry. It may be cut above the crown and will come again. (Pkt. 10c) (oz. 20c) (¼ lb. 60c) (lb. \$2.00.)



BEET—CROSBY'S EGYPTIAN

STOCK BEETS FOR FEEDING



Stock Beets have for years been recognized as a most valuable feed for hogs, sheep and cattle, throughout Europe, Canada and also the Eastern and Middle Western States of America.

Stock Beets are one of the finest fat and milk-producing crops we have today and when fed in conjunction with grain they are worth nearly as much, pound for pound, as the grain itself.

If you were to examine the storage cellars and pits of the farmers throughout the Eastern and Middle States you would find thousands of tons of these crisp, sweet, juicy Beets stored away to be fed their stock during the cold winter months when other feeds are scarce and high.

Stock Beets also furnish excellent feed for chickens and rabbits.

PRODUCTION AND COSTS

The average production of Stock Beets at our trial grounds was 35 tons per acre. This is not exceptional—80 tons per acre has been reported.

The average cost of production on a basis of 35 tons per acre is \$2.00 per ton. Compare this with \$40.00 to \$50.00 per ton, which is the cost of beet pulp and other feeds today.

CULTURE

Stock Beet Seed should be sown about one-inch deep, in well-cultivated soil in drills eighteen inches to three feet apart (depending upon the method of cultivation.) When the plants are sufficiently large, thin out to stand ten to twelve inches apart in the rows. The seed is generally sown at the rate of eight to ten pounds per acre. Beet Seed is very hard and does not germinate as easily as other seeds, therefore, the soil should be very moist at the time the seed is planted. If the soil should be dry it is advisable to soak the seed in luke-warm water for twenty-four hours before planting.



STOCK BEETS—FIELD SCENE

Mammoth Long Red.—A very large mangel and a heavy cropper. Skin is red, flesh white, zoned with red. This is the most popular variety grown. (Pkt. 10c) (lb. 70c) (10 lbs. \$6.50)

Giant Half Sugar Rose.—We have seen specimens of this variety in the Salt River Valley weigh-

ing 45 pounds, and have heard of them weighing 70 pounds. (Pkt. 10c) (lb. 70c) (10 lbs. \$6.50.)

Golden Tankard.—A large yellow sort growing about half out of the ground. (Pkt. 10c) (lb. 70c) (10 lbs. \$6.50)

BUY THE BEST—WE DO

CABBAGE

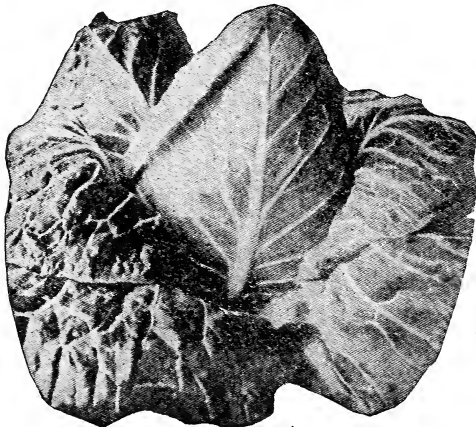
CULTURE

Well knowing the first essential of successful Cabbage growing to be good seed, we are giving it our undivided attention and the results have been most gratifying. The seed we offer here is of the most highly selected strains and will produce wonderfully tender, crisp Cabbage.

In the Southern valleys of Arizona, seed should be sown the latter part of August and during September in shaded beds, the shade to be of burlap or something that may be removed before plants become spindling. For small heading varieties, such as Early Winnigstadt and Jersey Wakefield, plant in rows three feet apart and 18 inches apart in the row. Begin transplanting as soon as plants are large enough and cultivate constantly.

One-half pound of seed should be planted to grow plants for one acre.

The illustrations appearing on these pages are from actual photographs taken of seed field specimens.



CABBAGE—EARLY WINNIGSTADT

Early Winnigstadt.—One of the best for general use, being a medium sized head, very solid and of uniform shape. It is the leading variety for Southern Arizona, and our strain of seed is selected from a sure-heading type. (Pkt. 10c) (oz. 50c) (¼ lb. \$2.00) (lb. \$6.00.)

Glory of Enkhuizen.—An extra early round head cabbage of the finest quality. We were fortunate in getting a few pounds of Holland grown seed this year and are holding it strictly for our Catalogue customers. It is the best you can buy. (Pkt. 10c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00.)

Early Jersey Wakefield.—Slightly larger than the Winnigstadt heads conical shape, and very compact. A good second early variety. (Pkt. 10c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00.)

Early Flat Dutch.—Very hardy, handsome, solid and of fine quality; particularly desirable for shipping to distant markets. (Pkt. 10c) (oz. 50c) (¼ lb. \$1.65) (lb. \$5.00.)

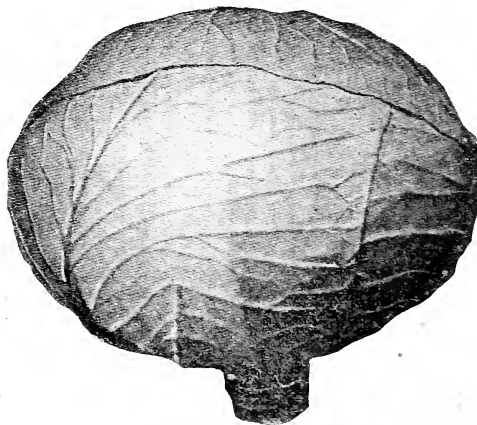
Late Large Flat Dutch.—A large flat head with few useless outer leaves. Cuts white and crisp. Grows low with a very short stem. (Pkt. 10c) (oz. 50c) (¼ lb. \$1.65) (lb. \$5.00.)



ALL HEAD EARLY

All Head Early.—A thoroughbred sort of remarkably uniform size and shape, and sureheading qualities. Deep flat heads, solid and uniform in color, and in tenderness unsurpassed. By reason of its compactness one thousand more heads can be obtained from one acre than of any other good sized varieties. (Pkt. 10c) (oz. 50c) (¼ lb. \$1.65) (lb. \$5.00.)

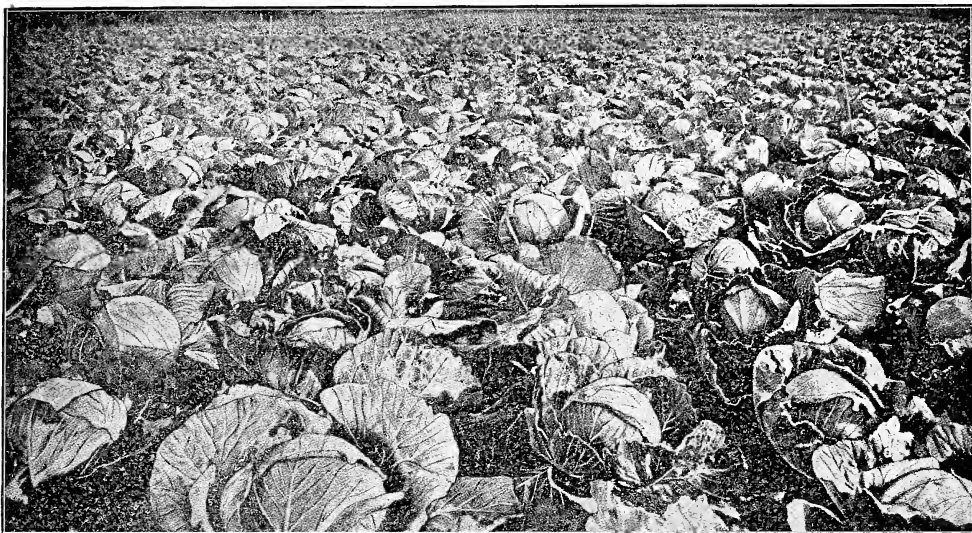
Red Dutch.—Fine solid, dark red heads, used for boiling or pickling. This variety carries a flavor all its own. (Pkt. 10c) (oz. 50c) (¼ lb. \$2.65) (lb. \$5.00.)



**DANISH BALLHEAD
Cactus Brand**

A medium sized, very solid variety which will remain in good condition longer than most sorts. It is one of the hardiest winter Cabbages we have. Being a very strong grower it demands a reasonably rich soil and will respond readily to fertilizer. We cannot recommend Cactus Brand Danish Ballhead too highly. (Pkt. 10c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00.)

CABBAGE



A FIELD SCENE OF CACTUS BRAND COPENHAGEN MARKET CABBAGE

CACTUS BRAND COPENHAGEN MARKET

IS ONE OF THE EARLIEST ROUND HEADED CABBAGES

It is only a few days later than Jersey Wakefield and the yield is much higher. The spherica heads reach, even with very small growing space, an average weight of about nine pounds. The stem is low, the leaves, in relation to the size of the head are very small and fine. One great feature about Cactus Brand Copenhagen Market is that about 95 per cent of the heads are suitable for cutting at the same time so that the land may be cleared almost completely at one cutting. Under favorable growing conditions this Cabbage will mature in 12 to 15 weeks from time of transplanting and it is gradually becoming a favorite among gardeners and shippers.

Arizona climatic conditions are unsettled. During the Cabbage season we may have a great variety of weather within a week and it takes a hardy strain of seed to produce a plant that will be a success under these conditions. Cactus Brand Copenhagen Market will prove hardy under arid climatic conditions and will produce a crop. (Pkt. 10c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00.)

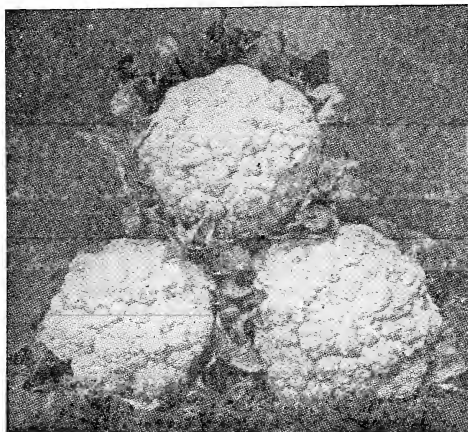
CAULIFLOWER

Ask for our Special Pamphlet.

Especially popular as a winter crop and with market gardeners proves a profitable crop, owing to the scarcity of good market vegetables when Cauliflower is at its best. It is easy to grow in the garden, providing the soil is made rich and porous. Plant seed the latter part of July and during August and September in Southern Arizona. In the higher altitudes plant the same as cabbage. Set in rows twenty four inches apart and fourteen inches apart in the row.

Henderson's Early Snowball.—A medium sized early variety. Heads are pure white and well protected by outer leaves. (Pkt. 10c) (¼ oz. \$1.50) is gone. (Pkt. 25c) (¼ oz. \$1.50) (oz. \$4.50.)

Large Pearl.—Heads much larger than Snowball and a trifle later. Planted at the same time a second crop is ready for market when the Snowball is gone. (Pkt. 10c) (¼ oz. \$1.50) (oz. \$4.50.)

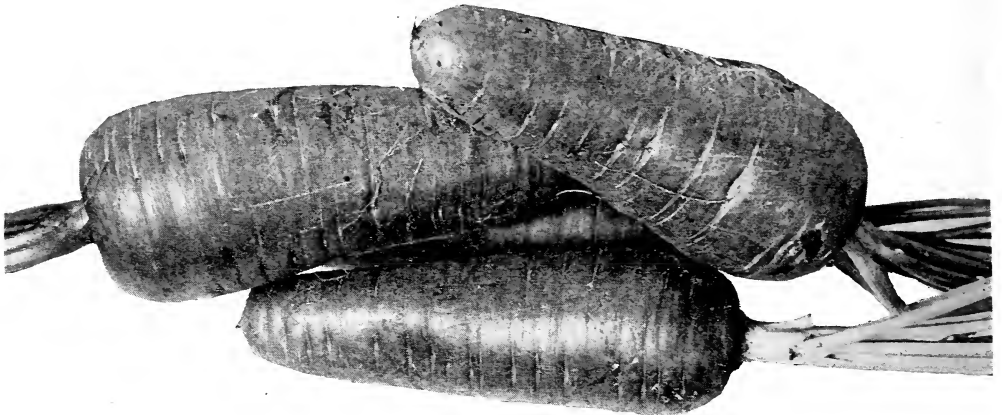


HENDERSON'S SNOWBALL

BUY THE BEST—WE DO

CARROTS

The Carrot is one of the most wholesome and nutritious of our garden roots and it may be prepared in many appetizing ways. There is probably no root crop that will produce as much food on the same amount of land as the carrot. In Southern valleys they may be left in the ground all winter. Our Cactus Brand Carrot seeds are great producers under arid conditions. Plant plenty of them.



IMPROVED CHANTENAY

The carrot is very easily grown, being perfectly hardy in all temperatures which come to Southern Arizona. Seed should be sown from September to May in drills ten inches apart on ridges. It requires four pounds of seed for an acre or one ounce to 100 feet of drill. They are ready for table use in eight to ten weeks after planting, and remain good for three to four months.

Sow in drills fifteen to eighteen inches apart, covering the seed one-half inch. Keep clean by frequent hoeing and weeding. If neglected, the young plants are easily smothered and the crop is lost.

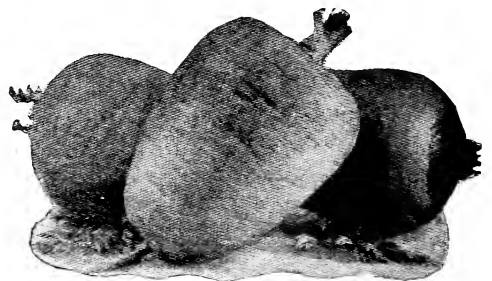
Danver's Half Long.—The best for general crop. Will yield the most per acre. Most profitable for market gardeners. This variety originated in Massachusetts, where the raising of carrots is made a special business. On account of its productiveness and adaptability to all classes of soils it is now the most popular carrot grown. Tops are medium size, roots deep orange, large but of medium length, tapering uniformly to a blunt point. Smooth and handsome flesh, sweet, crisp and tender. (Pkt. 10c) (oz. 20c) ($\frac{1}{4}$ lb. 45c) (lb. \$1.25.)

White Belgian.—Purely a stock variety, growing to enormous size; flesh and skin white and very sweet; a yield of 15 to 20 tons to the acre is not unusual. (Pkt. 10c) (oz. 20c) ($\frac{1}{4}$ lb. 40c) (lb. 90c.)

Improved Long Orange.—The roots grow uniform and smooth, of large size and deep rich orange color. A good keeper, of fine quality for table use and excellent for stock. (Pkt. 10c) (oz. 20c) ($\frac{1}{4}$ lb. 40c) (lb. \$1.25.)

Chantenay.—Flesh a deep golden orange, roots smooth and very symmetrical. In size it ranks as intermediate between the Danvers and Ox Heart. It is very early and always produces smooth, shapely roots. Its fine appearance finds for it a ready market, its splendid table qualities keep it in demand. (Pkt. 10c) (oz. 20c) ($\frac{1}{4}$ lb. 45c) (lb. \$1.25.)

Ox Heart.—Beautiful shape and color. The roots generally attain four or five inches in length. Very tender and sweet. (Pkt. 10c) (oz. 20c) ($\frac{1}{4}$ lb. 40c) (lb. \$1.25.)



OX HEART CARROT

SPECIAL NOTICE

Inoculate beans, peas, sweet peas, cow peas, alfalfa, clover and other legumes with Standard Culture. Read carefully page 37 and ask us for special literature.

VEGETABLE SEEDS



CHINESE CABBAGE
CELERY

Celery requires water and plenty of it from the time the seed is sown in February until it is harvested in the fall or winter. The seed is slow to germinate, and the soil where it is planted must be kept very wet. As soon as the young plants are about one and one-half inches high, they should be transplanted to get good sturdy plants before they are set in the garden or field. When they are well started they should be wrapped with sacking or paper, and the dirt drawn to the plants. As fast as the plants grow above the soil they should be hilled up again, thus producing fine bleached stems.

Golden Self-Blanching.—American Grown.—This is the variety being planted this Fall in the Salt River Valley. The very handsome color of the crisp, heavy stalks, their freedom from stringiness, and excellent flavor make this a market favorite. (Pkt. 10c) (oz. \$1.50) (¼ lb. \$5.00) (lb. \$15.00.)

Giant Pascal.—Grown to some extent in the Salt River Valley, more particularly for the home market for it is considered too crisp for shipping. The stalks are large, thick, solid and very brittle. (Pkt. 10c) (oz. 35c) (¼ lb. \$1.20) (lb. \$3.50.)

CITRONS

Preserving Citrons.—The Red Seeded type is most desirable for preserves, the flesh being solid and white. (Pkt. 10c) (oz. 20c) (¼ lb. 40c) (lb. \$1.25)

Green Seeded or Stock Citron.—One of the most productive of the stock melons. They will keep indefinitely. (Pkt. 10c) (oz. 20c) (¼ lb. 40c) (lb. \$1.25).

CHINESE CABBAGE

Follow cultural directions on lettuce.

One trial of this wonderful little cabbage will convince the grower that he has been missing something in the vegetable line. It is tender, crisp, blanches itself and is equally good raw or cooked. (Pkt. 10c) (oz. 50c) (¼ lb. \$1.50)

CELERIAC

Or Turnip Rooted Celery

Large, Smooth Prague.—A large celery root used for flavoring soups. (Pkt. 10c) (oz. 25c.) (¼ lb. 85c)

COLLARDS

An old time vegetable used for greens and green chicken feed. In Southern Arizona may be planted in Spring or Fall.

True Georgia.—(Pkt. 10c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00).

CRESS OR PEPPER GRASS

Sow thickly in shallow drills during February, March, September and October. Used for salads and for garnishing. (Pkt. 10c) (oz. 15c) (¼ lb. 50c)

Water Cress.—Sow the seed in cool moist soil or near shallow running water. (Pkt. 10c) (oz. 75c)

BRUSSELS SPROUTS

Require considerably longer to reach maturity than cabbage as the small heads have to develop at the base of the leaves after the latter are full grown, therefore they must be planted early to escape the ravages of lice and other insects prevalent here in the Spring. Seed should be sown the latter part of July in a shaded bed and transplanted, when large enough, to rows three feet apart and 18 inches apart in the row. If lice appear spray with a solution of Black Leaf 40 and fish oil soap.

True Imported.—Produces on the stem compact sprouts resembling miniature cabbages. A delicious vegetable. (Pkt. 10c) (oz. 40c) (¼ lb. \$1.35.) (lb. \$4.00).

MUSHROOM SPAWN

In parts of Arizona mushroom culture has been practiced successfully. We give cultural directions free to each purchaser of our spawn.

English.—In bricks, per brick (45c postpaid).

MUSTARD

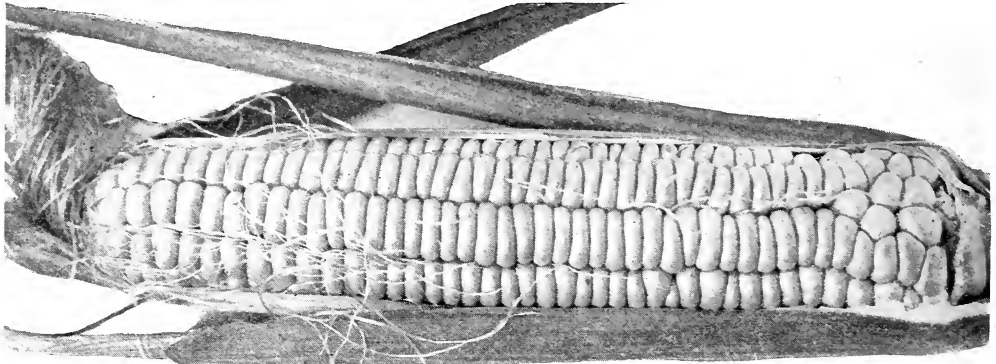
Sow in the Spring and Autumn. Not particular as to soil, though a medium heavy one is best.

Ostrich Plume.—So-called for its feathery appearance. Ornamental as well as useful. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)

Southern Giant Curled.—Leaves large, fourteen to sixteen inches in length, which are cooked like spinach and have a very agreeable flavor. (Pkt. 10c) (oz. 20c) (¼ lb. 40c) (lb. \$1.35.)

White London.—Best for salads or medicinal purposes. (Pkt. 10c) (oz. 20c) (lb. 75c)

SWEET CORN



CULTURE

Sweet Corn may be planted when the ground is warm enough that there is no danger of the seed decaying. Any of the varieties offered here are successfully grown in the Arid Southwest. Two pounds of seed will plant 200 to 300 hills and it requires about 14 pounds of seed to plant an acre. If you expect to plant quite a field of Sweet Corn, be sure to write us about it and we will give you our special wholesale prices on round lots. We take particular pains to gather our seed ears of corn early and hang them on specially prepared hangers where they are thoroughly cured before shelling. This operation costs us lots of money but it insures good germination and makes it worth while.

Adams Extra Early.—Not a sugar corn but one that is planted extensively by market gardeners. We have reports of it having reached the marketing stage in 52 days. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Country Gentleman.—An old standard variety of very fine quality. Kernels are deep and ear is somewhat smaller than most sweet corns. Matures in about ten weeks. Plant in February and July (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Golden Bantam.—An extra early sort of exceptionally fine flavor. Once tried always grown. For Southern Arizona plant in March and August. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

EGG PLANT

This popular vegetable is indeed at home in Southern Arizona, 40 to 50 pounds of perfect specimens having been produced on a single plant. Since the seed is slow to germinate great care must be taken in preparing the bed. Sow in hot bed or boxes and transplant when danger of frost is past. Our acclimated seed is the best to be had. One ounce of seed will produce about 2000 plants.

Improved Round Purple.—Large oval-shaped, deep purple fruits. (Pkt. 10c) (oz. 75c) (¼ lb. \$2.50) (lb. \$7.50).

Florida High Bush.—A large fruited purple sort; very popular among Southern growers. Fruit is held up well off the ground. The plant is vigorous and very productive. (Pkt. 10c) (oz. 75c) (¼ lb. \$2.50) (lb. \$7.50).

Black Beauty.—A handsome extra early large variety. (Pkt. 10c) (oz. 75c) (¼ lb. \$2.50) (lb. \$7.50).

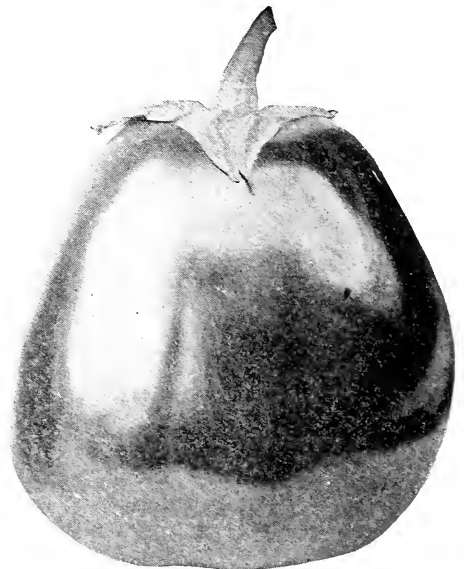
EARLY ADAMS

PAPAGO CORN

Papago Corn.—We consider Papago Corn one of the best sweet corns for the arid Southwest. It produces a long slender ear of the finest flavor. It is drought resistant and an ideal corn for dry land districts. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

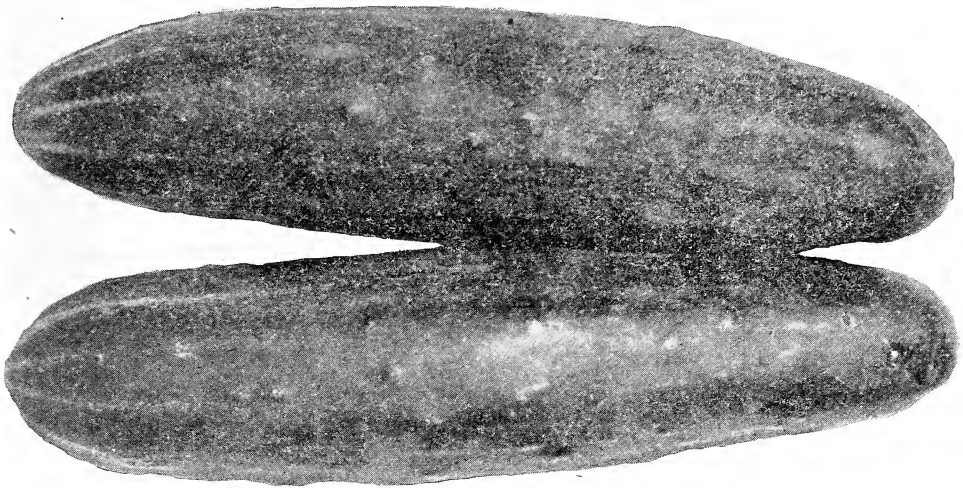
Oregon Evergreen.—The most popular and best main crop variety of the Sugar Corns. Of good strong growth, about six feet high. Ears keep in good condition for boiling a remarkably long time. Oregon Evergreen is a late Sweet Corn taking good time to mature. It is also valuable as a fodder corn on account of its succulent stalks. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Stowells Evergreen.—The standard sort for main crop everywhere. Ears large, deep grained, exceptionally tender and sugary; remains tender and eatable longer than any other variety. A general favorite with canners and market gardeners for late use. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.



ROUND PURPLE

VEGETABLE SEEDS



KLONDIKE CUCUMBER

CUCUMBERS

Should be grown in hills four feet apart each way, eight to ten seeds in a hill, covered as lightly as can be trusted to retain the moisture until the plants take hold. They require an abundance of water and frequent cultivation to obtain best results. When danger of insects is past thin plants to five or six in a hill. If planting is done after the soil has become warm they will be ready for the table in six weeks after planting. One ounce of seed will plant 50 hills and two pounds an acre.

Klondike.—A splendid variety of the White Spine family. For slicing only. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50).

Japanese Climbing.—While all cucumbers are running vines, this one is much more so. It is a distinct variety readily climbing on poles or trellises. Quality is splendid. (Pkt. 10c) (oz. 20c) (¼ lb. 55c) (lb. \$1.75).

Arizona Davis Perfect.—For market gardeners this is the ideal Cucumber, because of its wonderful uniformity, it being long, slender and tapering to the same shape at both ends. They pack well in crates or boxes and present a beautiful appearance. (Pkt. 10c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00).

Early White Spine.—Suitable for slicing. Very uniform, solid and crisp. Vines are of vigorous growth. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50).

Improved Long Green.—Dark green, growing 10 to 12 inches long. An old favorite. (Pkt. 10c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00).

Boston Pickling.—One of the best pickling varieties, being of medium size and dark green. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50).

GHERKIN

True West India.—Used only for pickling purposes. (Pkt. 10c) (oz. 30c) (¼ lb. 90c) (lb. \$3.00).

ENDIVE

Sow any time except during the extreme heat in Summer. When plants are three or four inches high transplant to rows 18 inches apart. After plants are well grown gather up leaves and tie at tips into a loose bunch to bleach the inner leaves. This vegetable is highly esteemed as a salad, and grows to perfection here. One ounce of seed will sow 150 feet. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$2.00).

GARLIC SETS

Garlic has become a very profitable crop in the Salt River valley. The demand is always good and prices are high. It should be planted in climates similar to Salt River valley, during October and November. In the higher altitudes during the Spring season. In planting separate the little bulblets and plant the same as onion sets.

One pound will plant fifty feet of row. (Per lb. 50c) postpaid. Ask for quantity price.

HERBS

Anise, Balm, Basil, Borage, Caraway, Catnip, Coriander, Dill, Fennel, Lavender, Sage, Thyme, Wormwood. (Pkt. 10c) (doz. pkts. \$1.00) postpaid.

KALE

Tall Scotch.—Grows to a height of about 2½ feet. (Pkt. 10c) (oz. 20c) (¼ lb. 85c) (lb. \$2.00).

KOHL RABI

Early White Vienna.—Early and tender, having a flavor all its own. (Pkt. 10c) (oz. 30c) (¼ lb. \$1.00) (lb. \$3.00).

LEEK

Large London.—(Pkt. 10c) (oz. 35c) (¼ lb. \$1.00) (lb. \$3.00).

LETTUCE



ARIZONA WONDERFUL

New York Market.—Hardy, uniform heads, wavy light green outer leaves with the center bleached pure white. Crisp, tender and with a flavor that never fails to please. In planting New York Market Lettuce be sure to thin out to ten inches between plants as it does not head well if allowed to grow thick. (Pkt. 10c) (oz. 45c) (¼ lb. \$1.35) (lb. \$4.50.)

White Paris Cos.—The best variety of the Cos Lettuce. Forms a large light green plant with the head well folded and quite solid. Cos Lettuce is also called Romaine, and while it is little known here it is highly prized in Europe, and should be planted more extensively here. It is brittle, milky and very sweet, having a flavor not found in any other lettuce. (Pkt. 10c) (oz. 20c) (¼ lb. 60c) (lb. \$1.75.)

Prizehead.—One of the very best loose bunching or non-heading varieties. Leaves brown, very early, and of remarkably fine flavor. Grows quickly and all except the outer row of leaves are very brittle. It is probably the most easily grown lettuce in cultivation. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)

Improved Hanson.—An old time head variety. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)

ARIZONA WONDERFUL LETTUCE

The Leading Head Lettuce.

A large, crisp tight heading lettuce which is a great favorite wherever grown. We have had no end of praise from our friends who have tried this variety. The quality is the finest, and the heads grow to enormous size, weighing on an average of two pounds. It stands shipping well, having heavy outer leaves to protect the head when packed. (Pkt. 10c) (oz. 50c) (¼ lb. \$1.50) (lb. \$5.00).

Big Boston.—Large solid heads of a light green color. Leaves smooth, broad and thin. We have experimental plots of this variety this year. (Pkt. 10c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00)

Denver Market.—For the family garden plant this variety broadcast on ridges, allowing it to grow thick. Tender bunches may be cut in a few weeks after planting, and it will continue to grow together, as thinned for table use. Very fine, crisp and early. (Pkt. 10c) (oz. 20c) (¼ lb. 60c) (lb. \$1.75)

Early Curled Simpson.—A very popular variety of loose leaf lettuce. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50).

Iceberg.—This sort heads better in warm weather than any other variety. Should be planted in January, February and March in Southern Arizona. (Pkt. 10c) (oz. 25c) (¼ lb. 85c) (lb. \$2.50).

PEAS

In parts of the Arid Southwest peas may be grown throughout the winter. Dry heat is offensive to them; therefore, the winter planting is practiced most successfully in the Salt River valley and similar climates. While not particular as to soil, they respond splendidly to fertilization. Plant early varieties during September to bear before frost and late varieties after October 15th. Plant at the rate of 60 pounds per acre or 1 pound to 80 feet of row.

American Wonder.—This is an early wrinkled pea of dwarf habit, the vines generally being about one foot high. It is very stocky, erect and prolific. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Extra Early Alaska.—This fine pea has become a standard extra early market variety, and is the earliest of all blue peas; grows about twenty-four inches tall, is very uniform in maturing the crop, and of excellent quality. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Gradus.—An early wrinkled pea of the finest quality, bearing large pods well filled with the sweetest peas. It produces a **Telephone Pod** as early as the very early sorts, therefore, we are recommending it for a shipper to replace the Tall Telephone. In an experimental plot this Fall we had vines bearing as many as ten large luscious peas in a pod. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Yorkshire Hero.—The ability of this pea to adapt itself to all conditions has made it a most popular variety in the Salt River Valley. It grows bushy, requiring no staking and yields abundantly. Pod is long and well filled with plump peas of delicious flavor. Our seed is selected by us in the field and is of the true acclimated stock. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

BLUE BANTAM PEAS

The Largest Podded Early Variety

Here we are with a brand new pea for the Arid Southwest, and it's a dandy too. It is conceded the largest, the finest of all early sorts, and the seed we offer is acclimated. The Blue Bantam is of dwarf type, growing only 16 to 18 inches high and requiring no support. The pods are very large and of a dark green color, filled with 8 to 10 large delicious peas. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Senator Pea.—A second early sort bearing abundantly, large well-filled pods of good quality peas. It does not require staking. This variety is rapidly growing in favor among our customers, and our acclimated seed is without question giving results. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Edible Pod Sugar Peas.—This class of peas is not generally known in the Arid Southwest, but the past season we demonstrated that they can be grown successfully. They grow about 18 inches high and produce broad flat pods which are prepared and cooked like string beans. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Stratagem.—A favorite on the Phoenix market. The pods are of a dark green color and remain firm several days after picking. A very strong grower, very prolific, pods of good size and well filled. Vines stand upright, require no stakes. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Premium Gem.—A very fine wrinkled pea with vines about fifteen inches high, pods long and produced in abundance. A very profitable market variety. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Telephone.—A pole variety growing about four feet high. The peas are large and of a pale green color. The pods are very large, containing 8 to 10 peas each. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.

Nott's Excelsior.—Although a few days later than the American Wonder, the pods will average fully one-third larger, containing 6 to 8 large peas, so closely packed together that they become flattened. (Pkt. 10c) (lb. 40c) (10 lbs. \$3.50) postpaid.



BLUE BANTAM

BUY THE BEST—WE DO

WATERMELONS



OUR CACTUS BRAND KLECKLEY'S SWEET Good Producer—Good Flavor—Good Shipper

It is quite difficult to make a choice of Watermelons. There are hundreds of varieties and most all of them have some good qualities, but after having tested many of them, we have boiled the list down to what seems to be the most popular varieties. The Cactus Brand Kleckley's Sweet has given wonderful results and each year we find the sale increasing. It is an excellent shipper, ripens early and the flavor is very fine.

By careful selection we have produced a uniform size, medium rind and a bright red flesh. For local market or for shipping you will find Cactus Brand Kleckley's Sweet a winner. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

CULTURE

Plant during February, March, April and May in hills ten feet apart each way, eight or ten seeds to the hill. The ground should be prepared deep, but the plants should have shallow cultivation. After plants have become hardened thin out to three or four in a hill. Owing to the large size of watermelon seed the ounce packages are about right for the small garden. One ounce of seed will plant twenty to thirty hills; three pounds to the acre.

Alabama Sweet.—The best melon grown for shipping. Oblong, very sweet, dark green, faintly striped, entirely stringless; very prolific. We cannot recommend this melon too highly. (Pkt. 10c) (oz. 20c) (¼ lb. 40c) (lb. \$1.25).

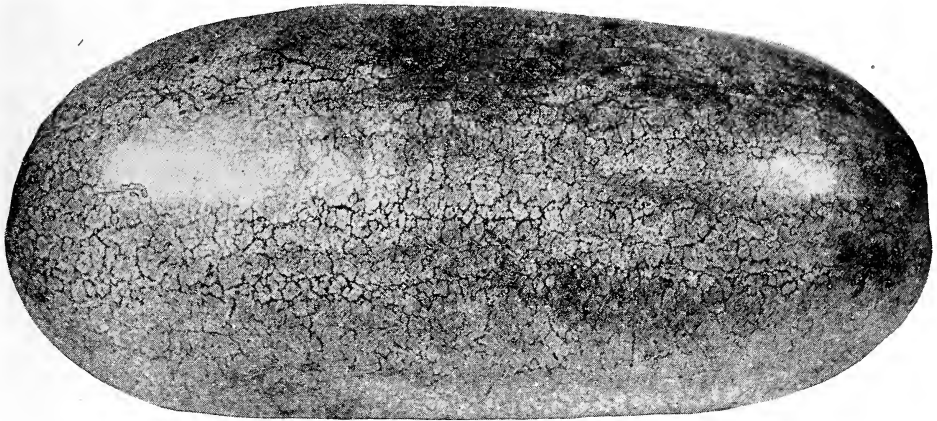
Florida Favorite.—Oblong in shape, very early and a good shipper. Flesh light crimson, crisp and deliciously sweet. This melon is a favorite among shippers in the Salt River Valley. (Pkt. 10c) (oz. 20c) (¼ lb. 40c) (lb. \$1.25).

Angeleno.—This melon is highly praised on the Phoenix market because of its excellent shipping qualities, uniform shape and fine flavor. It is almost round with a beautiful dark green rind which makes it attractive to the buyer. Do not pick until the yellow shows slightly through the green and you will never disappoint your customer with a green melon. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50).

White Seeded Chilian.—By far the most popular melon for the home garden, it being small and of very fine flavor. Flesh a rich, deep red, ripening to a very thin rind. It is almost round in shape, having a rind of dark green slightly striped. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)

Black Seeded Chilian.—Has all the admirable qualities of the white seeded melon. Grows a little smaller, has a very thin rind of rich green color, and if anything is a little more sugary. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

WATERMELONS



CACTUS BRAND TOM WATSON

Very Large—Very Profitable

An extra large Melon of attractive appearance, uniform shape and very fine flavor. The average Cactus Brand Tom Watson will weigh 40 pounds, and we had specimens this past season weighing 65 pounds. It is an excellent shipping Melon and commands a good price on any market, due to its very large size. The tonnage per acre is enormous. The Cactus Brand Tom Watson and Kleckley's Sweet make an excellent combination for large shippers.

Mr. Harry Burke, a Salt River Valley Watermelon Shipper, writes us:—

Gentlemen:—Your Cactus Brand Tom Watson and Kleckley's Sweet Watermelons were sure winners for me this year. I planted five acres of each and shipped 75 percent of the crop at a good price. I had regular customers calling at the ranch for Melons during the entire season and they were always pleased with the Melons I sold them.

(Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

GRAY MONARCH

Sweet and Fine

This is a very large Melon. The rind is green mottled with grey and the flesh is a bright crimson. It is long and grows to enormous size, making an excellent type for home, hotel and restaurant trade. In addition to this it is of delicious flavor and its bright crimson flesh gives it a tempting appearance. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

True Augusta Rattlesnake.—This melon rapidly deteriorates unless it is severely rogued therefore, we take particular care in seed selection. It is elongated gray, with green stripes; good size with maximum of 50 to 60 pounds. Seed white with black ears; flesh crisp and excellent. Medium early. (Pkt. 10c) (oz. 20) (½ lb. 40c) (lb. \$1.25)

Icccream.—A medium sized oval melon of bright green color, finely veined with a darker green shade. The flesh is a bright scarlet, shading to golden yellow and is very sweet and sugary. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

Halberts Honey.—This melon ripens early in al-melon growing districts. The melons are of cylindrical oblong form with smoothly rounded ends. The rind is thin, the flesh crimson and of the very finest flavor. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

Klondike.—One of the best melons grown for home use. The rind is very thin and of a medium green color. The flesh is a bright red, tender and deliciously sweet. The Klondike is not a shipping melon for the rind is too thin. It does not make a heavy vine, therefore in the hot valleys of Southern Arizona it should be planted in the same hill with other varieties growing a strong vine. This protects the melon from the hot sun and the planter is rewarded with the most delicious fruit in the melon line. (Pkt. 10c) (oz. 40c) (¼ lb. \$1.35) (lb. \$4.00.)

Sweetheart.—Remains in condition for use longer than any other sort. Fruit early, large, oval and very solid. Flesh bright red, tender and sweet. Rind thin but strong, making it a good shipper. (Pkt. 10c) (oz. 20c) (¼ lb. 40c) (lb. \$1.25)

BUY THE BEST—WE DO

MELONS



IMPROVED EDEN GEM

Without doubt this is the best general purpose melon on the market today. It is uniformly netted and a fine melon for market or home use. Several carloads of them were shipped from this valley last season and they commanded a good price. The above photograph shows them packed ready for shipment and will give some idea of their uniformity. They produce wonderfully and ship well. The meat is green with a slight salmon tint in the seed cavity. Our seed is from first cut select melons only and will produce the finest melons you ever had in your garden. (Pkt. 10c) (oz. 35c) (¼-lb. \$1.15) (lb. \$3.50.)

CULTURE

Planted six feet apart each way, it requires about two pounds of seed for an acre. One ounce will plant about fifteen hills. Our Melon seed is from first cut selected Melons only. We do not offer any cheap seed taken from cull melons.

IMPROVED FORD HOOK

A new Arizona production. This Melon is our own selection. It is of standard size, round and well netted. The flesh is a rich salmon with a small seed cavity. The flavor is excellent, being rich and sweet to the rind. We think this will prove to be one of the very best local market Melons. (Pkt. 10c) (Oz. 25c) (¼-lb. 80c) (Lb. \$2.50.)

Rocky Ford.—Thoroughbred, Rust Resistant. The past season proved beyond all doubt that this melon is far superior to any for production in our Southern valleys. Of the many varieties planted this one was the most uniform and the best netted. The shape is slightly oval, skin a rich, greenish gold when fully ripe and the flesh a light green. We can recommend it highly for home or local market. (Pkt. 10c) (oz. 25c) (¼ lb. 80c) (lb. \$2.50.)

Burrell's Gem.—A very fine melon with a small seed cavity and rich solid yellow meat. It is well

netted, of uniform size and of most excellent flavor. Frequently referred to as a pink meat. Many cars of this variety are shipped from the Salt River Valley each year. (Pkt. 10c) (oz. 25c) (¼ lb. 80c) (lb. \$2.50.)

Extra Early Hackensack.—This valuable variety is ready for market fully ten days ahead of the well known Hackensack which it much resembles in shape and quality. The melons are of good size, weighing from five to ten pounds each; excellent for market and private garden. Our acclimated stock is very select. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

Montreal Market.—The large fruits are nearly round in form, slightly flattened at the ends, with very large, broad, heavy ribs. The flesh is two inches thick, light green, melting and of delicious flavor. In our demand for a large melon we supply this one and find it is highly satisfactory. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)

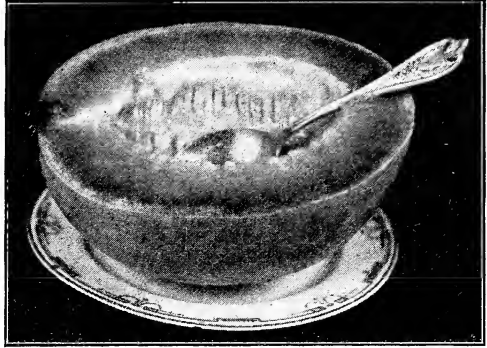
Tip Top.—This melon is slightly larger than the Rocky Ford and is very much in favor as a short distance shipper and a local market melon. It is green fleshed, oval with flattened ends. The seed cavity is small and the flesh firm. (Pkt. 10c) (oz. 20c) (¼ lbs. 65c) (lb. \$2.00.)

CASABA MELONS

HONEY DEW MELON

The Last Word in Flavor

Honey Dew Melon.—The average size of this melon is six inches in diameter and seven to eight inches in length, weighing about six pounds. The skin is smooth and is a creamy yellow when ripe. The flesh is an emerald green, very thick, and of the very finest flavor, having a mingling of banana, pineapple and vanilla. It begins maturing about ten days later than cantaloupes and is very prolific. The melon slips from the stem, and for home use they should not be pulled until they reach that stage. Because of their keeping qualities they are excellent shippers, many carloads of them going East the past season. (Pkt. 10c) (oz. 30c) (¼ lb. \$1.00) (lb. \$3.00.)



CULTURE

Cultivate the same as muskmelon, and plant, according to your locality, from February 15 until July 15; for late shipping June 1 to August 1 seems to be the best time for planting.

Winter Pineapple.—The true winter sort. Large green fleshed melon, having a corrugated skin and a decided pineapple flavor. Pick after the melon has lost its green lustre, and store in a cool dry place until thoroughly ripe. (Pkt. 10c) (oz. 25c) (¼ lb. 85c) (lb. \$2.50.)

Armenian Melon.—A salmon fleshed melon of exceptionally fine flavor. Weighs about seven pounds. (Pkt. 10c) (oz. 30c) (¼ lb. \$1.00) (lb. \$3.00)

Casad's Improved Musk Melon.—This melon is distinctly different from any other, it being neither a musk melon nor a casaba. Its thick smooth, close grained flesh, with a flavor bordering on a

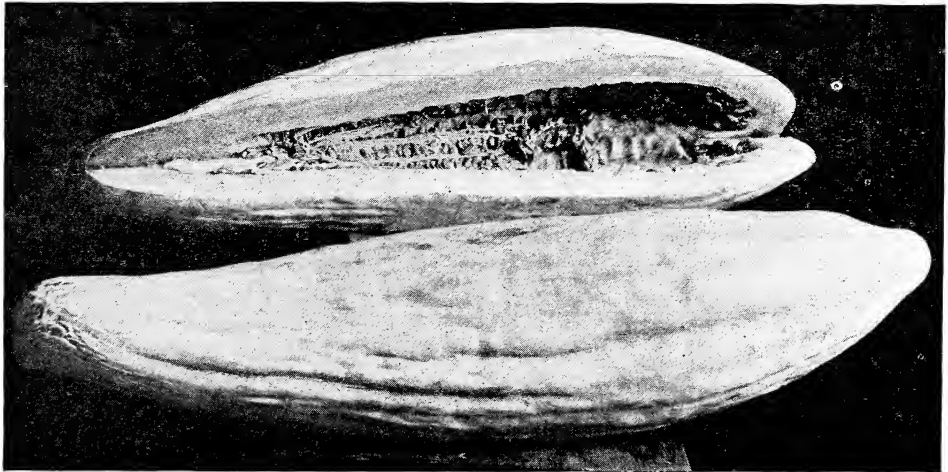
pineapple makes it a choice melon for all occasions. (Pkt. 10c) (oz. 25c) (¼ lb. 85c) (lb. \$2.50.)

Improved Hybrid.—Smooth rind, white flesh and of fine flavor. Excellent for local market or shipping. (Pkt. 5c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00)

White African.—Large, cream colored melon with a well flavored green flesh and an extremely hard rind. (Pkt. 10c) (oz. 30c) (¼ lb. \$1.00)

Golden beauty.—Grows from six to eight inches in diameter, nearly round, color a perfect golden yellow and rind very hard. This is perhaps the best flavored variety of Casaba. (Pkt. 10c) (oz. 25c) (¼ lb. 80c) (lb. \$2.50)

Banana.—This melon grows one and a half to two feet in length and three to four inches in diameter. The flesh is of a rich salmon and the quality is fine when the melon is fully ripe. (Pkt. 10c) (oz. 20c) (¼ lb. 65c)



BANANA MELON

BUY THE BEST—WE DO

ONIONS

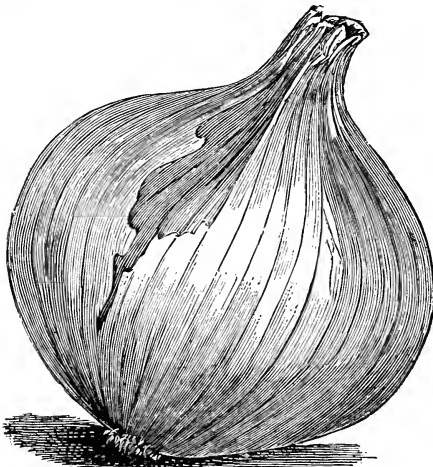
CULTURE

For the small garden for which these instructions are intended we advise planting only the Bermuda Onions, the Crystal White Wax or the Australian Brown. These are mild and good keepers and are suitable for green onions or mature. For green onions plant from Sept. 15th to March 1st, in double rows six inches apart on ridges 12 inches apart at the rate of 4 oz. of seed to 100 feet of row. Thin out as pulled for table use and if any are left they will produce mature onions in five to seven months from planting. They will respond readily to liberal fertilization, chicken or barn yard manure being highly recommended. Some commercial fertilizers will force them but effect the keeping qualities.

If you contemplate an acreage of onions do not fail to get our illustrated catalogue on the Iron Age Planter. One of these famous planters will pay for itself in the saving of seed on one crop. Endorsed by many Arizona market gardeners. For field planting one oz. of seed will plant 100 feet of row, and three pounds are required to plant an acre.

✓ **Australian Brown.**—This onion has claimed a place in America within recent years and seems abundantly able to maintain it. It is of medium size and of good quality; very early; rather flattened in shape; of brown color, and wonderfully hard and mild. 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 quality is its long keeping quality. Properly handled it will keep for months. (Pkt. 10c) (oz. 20c.) (¼ lb. 60c) (lb. \$1.75).

Crystal White Wax.—Teneriffe grown. A large white onion of the Bermuda type, becoming more popular every year. It is mild and sweet, an excellent keeper and presents a beautiful appearance on the market, being of a waxy white, clean cut and uniform. It produces few seeds, therefore, remains high priced, but regardless of the price a small quantity should be included in each order. (Pkt. 10c) (oz. 75c) (¼ lb. \$2.50) (lb. \$7.50).



AUSTRALIAN BROWN



Great Green Bunch Onion.—Will produce green onions large enough for table use in about seventy-five days. (Pkt. 10c) (oz. 25c) (¼ lb. 80c) (lb. \$2.50).

White Bermuda.—Teneriffe grown. We import direct from the noted island of Teneriffe, our seed which is grown by the most reliable seed grower in that celebrated district. This variety is more extensively grown in Arizona than any other and we recommend it and the Crystal Wax in preference to the many varieties usually offered in seed catalogues. For the reason that these few varieties have proven so highly satisfactory we limit our offerings to them and urge that these only be planted. The White Bermuda is a pale straw color, flat and very mild. (Pkt. 10c) (oz. 50c) (¼ lb. \$1.65) (lb. \$5.00).

✓ YELLOW GLOBE DANVERS

Yellow Globe Danvers.—A very popular variety for home garden or market. Medium size, globular shape and mild. (Pkt. 10c) (oz. 25c) (¼ lb. 75c) (lb. \$2.25).

EXTRA EARLY BARLETTA

Extra Early Barletta.—A very early variety of medium size for pickling purposes. (Pkt. 10c) (oz. 50c) (¼ lb. \$1.65) (lb. \$5.00).

✓ **Silver Skin.**—Planted principally by market gardeners for a bunch onion, but the White Bermuda answers the purpose better because of its mildness. The Silver Skin is of medium size and early. (Pkt. 10c) (oz. 25c) (¼ lb. 80c) (lb. \$2.50).

ONION SETS



ONION SETS

We are large dealers in Onion Sets. Ask us for quantity prices.

Early Green Onions are obtained much earlier by setting out sets than by sowing seed. Seed, however, should be sown to follow the crop grown from sets. Usually our Sets are ready about September 15th and we can supply them until May.

WHITE.—(lb. 30c) (10 lbs. \$2.50) Postpaid.

YELLOW.—(lb. 25c) (10 lbs. \$2.00) Postpaid.

OKRA OR GUMBO

This popular vegetable of the South is not largely grown in Arizona, but it is not because it doesn't thrive under Arizona conditions for we have had numerous fine specimens called to our attention. It requires generous water supply and responds readily to fertilizer and cultivation. Plants may be started in a bed and transplanted to the field, or seed may be sown after February 15, or when danger of frost is over, in drills and plants thinned to one foot apart. One ounce will sow 50 feet of row. It requires about ninety days to grow to marketing size.

Tall Green.—Very productive. (Pkt. 10c) (oz. 20c) (¼ lb. 45c) (lb. \$1.25)

White Velvet.—The well-known pickle variety. (Pkt. 10c) (oz. 20c) (¼ lb. 45c) (lb. \$1.25)

PARSLEY

Parsley can be readily grown in Arizona by the use of a raised bed for Fall sowing. A light mulch will help to retain moisture, which will greatly aid in germinating the seed as it is slow to start and cannot be covered deeply. Once ounce of seed will produce about 500 plants.

Moss or Triple Curled.—Compact growing variety. Excellent for garnishing and flavoring. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

PARSNIPS

Best sown during cold weather, October to March. Succeeds best in rich moist soil. Sow thickly in drills one foot apart and one-half inch deep. When the plants are two or three inches high thin to about four inches apart and cultivate same as carrots. One ounce of seed will sow about 100 feet of row.

Hollow Crowned.—(Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

PEANUTS

Peanuts.—Peanuts require a five to six months growing season. In Southern valleys they should be planted in March or April. It requires 10 pounds of shelled or 15 pounds unshelled to plant an acre.

Large Virginia—(Lb. 30c) (10 lbs. \$2.50.)

Spanish.—(Lb. 30c) (10 lbs. \$2.50.)



HOLLOW CROWN PARSNIP

BUY THE BEST—WE DO

PEPPERS

CULTURE

Sow in hot beds in November and December, in boxes or cold frames in January and February, and in the field where they are to remain in March. Plants grown in the bed should not be set in the field until the weather is warm and all danger of frost is past. The soil should be highly fertilized and plants should be kept well watered at all times.

Plant in rows 30 inches apart and 18 inches apart in the row. One ounce of seed will produce 1000 plants.

Anaheim Chili.—A slender pod about seven inches in length, desired for slicing, because of its freshness and slight pungency. It has no insect enemies and when dried the pods are not perishable, therefore, it is a safe crop to plant and often proves very profitable. The estimated yield of dry peppers is one ton to the acre. (Pkt. 10c) (oz. 50c) (¼ lb. \$1.65) (lb. \$5.00)

Chinese Giant.—A large pepper of the Bull Nose type, often growing to four and five inches in diameter. The color, when fully ripe, is a brilliant glossy scarlet. We are constantly improving our strain of seed. (Pkt. 10c) (oz. 80c) (¼ lb. \$2.65) (lb. \$8.00).

Large Bell or Bull Nose.—An early variety and of mild sweet flavor; the skin is quite fleshy, and of medium size. This is a very popular Pepper. (Pkt. 10c) (oz. 80c) (¼ lb. \$2.65) (lb. \$8.00)

Mexican Chili.—Red hot, green or ripe, just the thing for drying and flavoring Spanish dishes. It is a medium size, pear shaped pepper and turns a bluish black when dried. (Pkt. 10c) (oz. 40c) (¼ lb. \$1.25) (lb. \$6.00).

Pimiento.—A sweet pepper, excellent for canning or salads. Every home garden should have a row of Pimiento. Stuffed and baked it is far superior to all other peppers. (Pkt. 10c) (oz. 60c) (¼ lb. \$2.00)



ANAHEIM CHILI

PUMPKINS

CULTURE

Plant in March, July and August, seven to ten seeds in a hill and hills eight feet apart each way. Planted with corn they do well and yield an abundance of good hog and cow feed. One pound of seed will plant about 400 hills. 4 to 5 pounds to the acre. Heavy fertilization will produce wonderful results.



SMALL SUGAR

Small Sugar.—This is the pumpkin from which the celebrated Yankee Pumpkin Pie is made. About ten inches in diameter is its average size. Skin is deep orange yellow with fine grained flesh; handsome and an excellent keeper. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)

Large Cheese.—A very productive Pumpkin, shape flat, skin mottled, light green and yellow changing to a rich crimson color. Flesh yellow thick and tender. The Large Cheese will yield as many tons per acre as most other larger varieties and it is a much better market type than the ordinary field varieties, therefore, we recommend it for a general purpose pumpkin. (Pkt. 10c) (oz. 20c) (¼ lb. 35c) (lb. \$1.00.)

Mammoth Tours.—Immense size, often weighing 100 pounds, oblong, skin green; good exhibition sort, or for stock feeding. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)

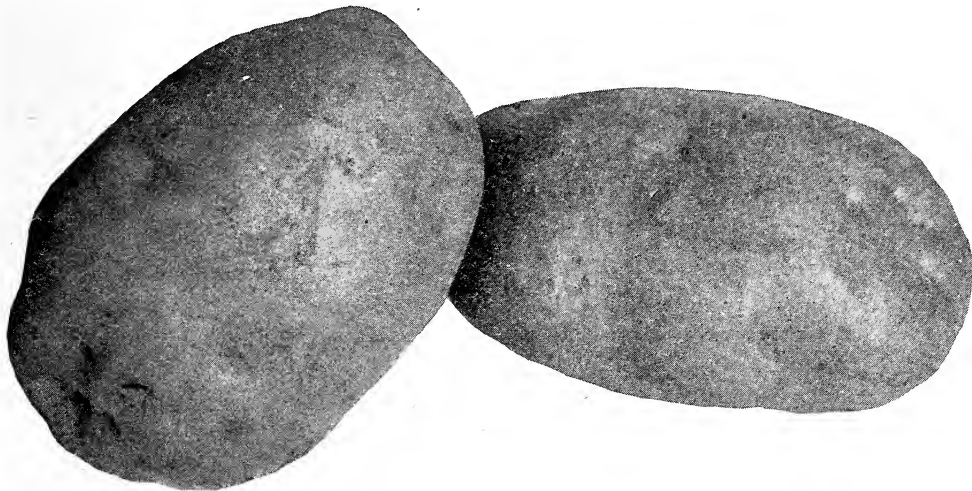
Japanese Pie.—A very valuable pumpkin of Japanese origin. The flesh is thick, of a rich salmon color, fine grained, dry and sweet. Very productive and highly desirable for pies or cooking. (Pkt. 10c) (oz. 20c) (¼ lb. 35c) (lb. \$1.00.)

Kentucky Field.—Large, round, flattened, hardy and productive. One to two feet in diameter. It has thick flesh of extra fine quality and is a splendid sort for family and market use as well as for stock feed. (Pkt. 10c) (¼ lb. 35c) (lb. \$1.00)

Improved Cushaw.—This is a very fine large, smooth Pumpkin having a small seed cavity and fine grained flesh. It is excellent for pies and yields enormously. (Pkt. 10c) (¼ lb. 50c) (lb. \$1.50)

Connecticut Field.—The world famous corn field pumpkin, grown principally for stock feed. The vines are of strong vigorous growth and heavy bearers. Under favorable conditions the Connecticut Field will yield about 15 tons per acre. (Pkt. 10c) (¼ lb. 35c) (lb. \$1.00)

POTATOES



CULTURE

Potato planting in Arizona begins in the Southern Valleys by February first and gradually works north until May first. Prepare the ground by deep plowing and thorough pulverizing. A sandy loam, reasonably rich in organic matter is considered the best soil for potatoes. However, any soil that is light and easily worked and contains a good supply of plant food will grow them successfully. It is not advisable to apply fresh manure just before planting for it may cause the tuber to become diseased; furthermore it contains too large a supply of nitrogen, and may cause a rank growth of foliage at the expense of the tuber.

NOTICE

Notice.—Potato prices are f. o. b. Phoenix. If they are wanted by mail please add postage at zone rates. (See page 3.) When ordering remit to us at the prices quoted here and we will fill your order at the market price prevailing the day it is received.

For 10 to 25-pound lots the parcel post rate is cheaper than express, but we recommend quantities of 50 pounds or more be sent by express or freight. If there is no agent at your station, please include prepay charges.

EARLY WHITE ROSE

Early White Rose.—Our entire stock of this Potato is grown from select certified seed this year and they are a fine lot. The Early White Rose stands out conspicuously among all other varieties as an all round uniformly good yielder in any kind of soil. It has been produced successfully here for the past five years and is gradually gaining in popularity.

Our seed is extra quality, large smooth potatoes as nearly perfect as it is possible to get them. (10 lbs. \$1.00) (25 lbs. \$2.00). Ask for quantity price.

Irish Cobbler.—A very fine first early Potato of uniform size and good quality. Form oval and round with a clean white skin and shallow eyes. Its strong growth, earliness, uniformity, large yield, fine quality and handsome appearance have made it a popular variety in all sections. 10 lbs. \$1.00, 25 lbs. \$2.00. Ask for quantity price.

Peerless.—A most excellent early variety having the characteristic of producing few if any, small potatoes, all the tubers being of market size. The Peerless has proven to be one of the best varieties for general conditions throughout the State, doing equally well in the Southern valleys and the higher altitudes. The yield is very large and the tubers are handsome in appearance being oval and round. The flesh is pure white with a clean, smooth, pure white skin. 10 lbs. \$1.00, 25 lbs. \$2.00. Ask for quantity price.

Early Triumph.—A pink skinned variety of extraordinary quality. It is not a big yielder, but it is the earliest Potato we know of. The Potatoes produced are of good size and of excellent quality. Under desert conditions, where moisture is not plentiful and a quick crop is necessary, the Triumph is very satisfactory. 10 lbs. \$1.00, 25 lbs. \$2.00. Ask for quantity price.



Our Seed Potatoes bring smiles

BUY THE BEST—WE DO

RADISH

RADISHES

Radishes may be sown any month in the year in any good garden soil. One ounce of seed will sow about 100 feet of drill, or a bed of 40 square feet.

By planting a small turnip variety and a long one at the same time a continuation may be had with fewer plantings. Sow in drills ten inches apart. An ounce of seed will plant 100 feet of drill, ten pounds to the acre.

Early Scarlet Globe.—Similar to the Scarlet Turnip, except that it is larger. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

Early Scarlet Turnip.—One of the earliest and best sorts for forcing; its color is very handsome; flavor very mild, crisp and juicy; stands a great amount of heat without becoming pithy. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)

Early Long Scarlet.—Very brittle and crisp; color a bright scarlet; small top. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)

China Rose.—A delicious radish, crisp, with little tendency to become pithy. A beautiful coloring from light red at the top to almost pure white at the tip. It is a good seller and is in great demand by the vegetable peddlers. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)

California Mammoth.—Pure white; the flesh is tender, sweet and crisp, keeps well. Plant from September 1st to January. (Pkt. 10c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00).

Mixed Radish.—This mixture, consisting of almost every known variety of radish, is deservedly popular throughout the country because it grows radishes suitable to each season and to every condition of soil. You are sure to have them early, medium and late; small, medium and large—something all the time. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50). Postpaid.



LONG WHITE ICICLE RADISH

White Tipped Scarlet Turnip.—An early variety, of medium size and excellent flavor, and of a very handsome appearance. (Pkt. 10c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00)

Long White Icicle.—For the home garden we consider this a most excellent table variety. Its extreme earliness, beautiful pure white appearance, excellent flavor and crispness should make it a favorite everywhere. (Pkt. 10c) (oz. 20c) (¼ lb. 60c) (lb. \$1.75.)

Epicure Radish.—Ready for the table within three weeks; always crisp, a delightful relish. The small round red and white radishes make a pretty showing. (Pkt. 10c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00)

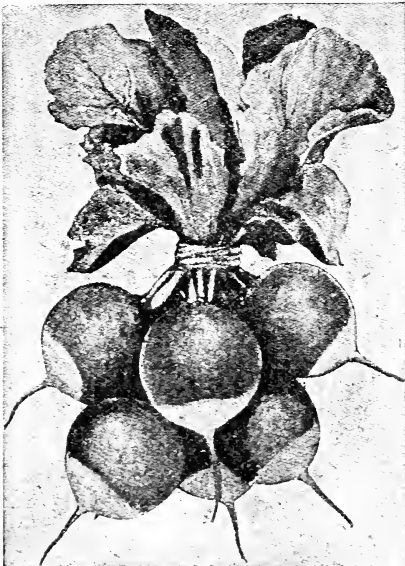
Crimson Giant.—A variety combining earliness and great size. It grows much larger than other extra early varieties, but does not become pithy, even when twice as large in diameter and a week older. We recommend it highly. (Pkt. 10c) (oz. 20c) (¼ lb. 60c) (lb. \$1.75.)

French Breakfast.—A splendid variety, medium-sized, olive-shaped, very crisp and tender; of a beautiful scarlet color. (Pkt. 10c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00).

Chartiers.—A distinct, exceedingly handsome and attractive sort; color white at the tip. Attains a large size before it becomes unfit for the table. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)

Japanese Winter Radish.—This was introduced in the same manner as the Japanese Summer Radish, which it resembles except in size. It is more crisp and of better flavor in the winter season. It is pure white, grows about eight inches long and not as tapering as the larger one. (Pkt. 10c) (oz. 20c) (¼ lb. 85c) (lb. \$2.50)

Round Black Spanish.—Skin black, flesh white, of firm texture. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)



WHITE TIPPED SCARLET TURNIP

VEGETABLE SEEDS

RHUBARB

In the higher altitudes sow the seed any time from March 1st to July 1st, in drills two feet apart. Transplant at any time when the roots are large enough.

Crimson Winter—Price (Pkt. 10c) (oz. \$1.20) (¼ lb. \$4.00) (lb. \$12.00)

SALSIFY

Sow the seed in February and March in drills one foot apart and one inch deep, thinning out plants to four inches. One ounce of seed will plant fifty feet of drill.

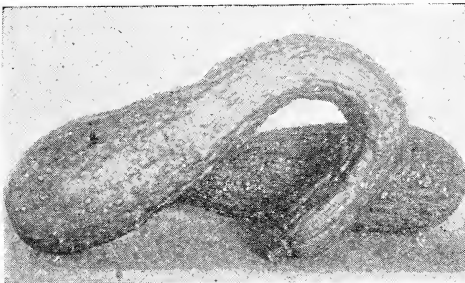
Mammoth Sandwich Island.—A large and superior variety, mild and delicately flavored. (Pkt. 10c) (oz. 30c) (¼ lb. 90c) (lb. \$2.75)

SQUASH

The squash is very tender; it is destroyed by frost, and the seed is apt to fail in cold ground, therefore, it should not be planted until all danger of frost is past. Plant in hills five feet apart for bush varieties, and six to eight feet apart for vining varieties putting six to eight seeds in a hill. When plants are strong thin to three in a hill. Of the bush varieties one ounce will plant forty hills, and of the larger seeded sorts about fifteen hills. Two to three pounds to the acre.

Golden Hubbard.—Similar to the Green Hubbard except in color, which is a deep orange. Flesh deep golden yellow, fine grained, cooks dry and is of excellent flavor. (Pkt. 10c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00).

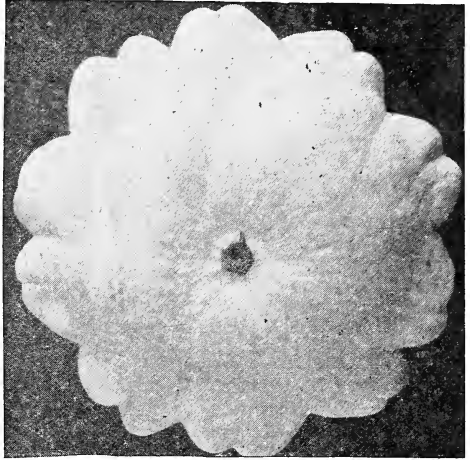
Fordhook.—One of the best late Summer varieties. Will keep well for months if stored in a cool dry place. Thick skin of a bright yellow color; heavy meat that can be used at any stage of growth; fruits oblong in form, eight to ten inches in length, slightly ridged. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50)



SQUASH—SUMMER CROOKNECK

Mammoth Summer Crookneck.—A small, crook-necked summer squash; skin bright yellow, covered with warty excrescences. Very early, productive and of excellent flavor. (Pkt. 10c) (oz. 20c) (¼ lb. 40c) (lb. \$1.25)

Early White Bush Scalloped.—The most popular squash because of its earliness and productiveness; skin and flesh a light cream color. A general favorite. (Pkt. 10c) (oz. 20c) (¼ lb. 45c) (lb. \$1.50.)



WHITE BUSH SQUASH

Mammoth White Bush.—Similar to the Early White Bush except that it is considerably larger. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$2.00).

Improved Hubbard.—Best Winter variety, vigorous, productive. Fruit large, weighty, moderately warty, hardshell; color dark bronze green. A fine grained, thick, dry, richly flavored, orange yellow flesh. Baked it is similar to and as luscious as a sweet potato. (Pkt. 10c) (oz. 20c) (¼ lb. 65c) (lb. \$2.00.)

Mammoth Chili.—Grows to immense size, often weighing over 200 lbs., very productive. (Pkt. 10c) (oz. 20c) 1¼ lb. 50c) (lb. \$2.00).

Pikes Peak.—An old variety that deserves all the good things that are said about it. It is preferred to any other by those who know it. Good keeper and excellent for pies. (Pkt. 10c) (oz. 20c) (¼ lb. 50c) (lb. \$1.50.)

SPINACH

Should be planted in drills twelve to eighteen inches apart, and for a succession every two weeks; as it grows, thin out or use, keeping clean of weeds. Sow from September 1st to April; one ounce of seed to 100 feet of drill twenty pounds to the acre.

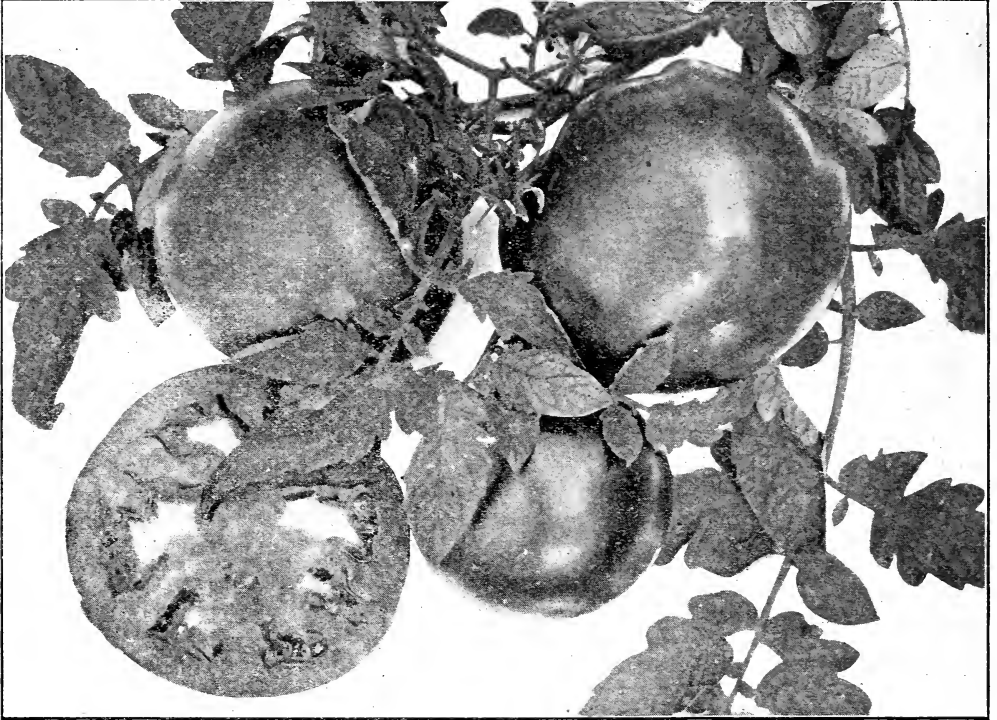
Prickly Seeded Winter.—A splendid Fall or Winter variety, thriving in the coldest weather. It is the leading sort for market gardeners in the Salt River Valley. (Pkt. 10c) (oz. 20c) (¼ lb. 30c) (lb. 90c)

New Zealand.—For greens in the summer and Autumn this variety is making a fine record in the Salt River Valley. We have several reports of its having grown through the entire Summer maintaining a rich green color until the top growth is killed by frost. Roots allowed to stand until Spring will give new growth. (Pkt. 10c) (oz. 20c) (¼ lb. 85c) (lb. \$2.50)

Bloomsdale.—A valuable variety which is being more extensively grown each year. Upright in growth producing a cluster of large thick leaves. Several crates were shipped East with lettuce the past season, and it brought top-notch prices. We recommend it highly. (Pkt. 10c) (oz. 20c) (¼ lb. 30c) (lb. 90c.)

BUY THE BEST—WE DO

TOMATOES



PHOENIX SPECIAL

PHOENIX SPECIAL TOMATO

This grand Tomato was introduced into the Salt River Valley five years ago, and has constantly grown in popularity until it is today one of the tried and true varieties found in most every Market Garden. The color is a bright purple scarlet, almost globular in shape, slightly flattened at stem and blossom ends. It is very productive and quite early, producing large fruits which are protected from the sun by ample foliage, thus eliminating the loss of so many fruits from sun scalding. (Pkt. 10c) (oz. 60c) (¼ lb. \$2.00) (lb. \$6.00).

TOMATO CULTURE

For very early fruit, the seed should be sown in a hot bed about January 1st in the Southern valleys and about March 1st in the higher altitudes. Drill in rows five inches apart and one-half inch deep. Sufficient plants for a small garden may be started by sowing a few seeds in a small box and protecting it from frost. When the young plants are large enough they should be transplanted to other beds or boxes and exposed to the air to harden them as much as possible for planting in the open.

Chalks Early Jewel.—A bright scarlet tomato, thick flesh, solid, of medium size, and very fine flavor. One of the best cropping medium early varieties. (Pkt. 10c) (oz. 40c) (¼ lb. \$1.35) (lb. \$4.00)

Earliana.—A very popular extra early red, of compact growth. Yields well and the fruit is solid and of fine quality. (Pkt. 10c) (oz. 50c) (¼ lb. \$1.65) (lb. \$5.00)

Dwarf Stone.—The fruits are larger than those of the Dwarf Champion, and nearly as large as the original Stone. It is very prolific, smooth, and ripens evenly. The color is bright red. On account of its erect habit of growth plants may be set as close as 18x24 inches. (Pkt. 10c) (oz. 40c) (¼ lb. \$1.35) (lb. \$4.00).

Dwarf Champion.—Commonly called the Tree Tomato. Quite early, fruits medium large; color purplish pink and always round and smooth. (Pkt. 10c) (oz. 40c) (¼ lb. \$1.35) (lb. \$4.00)

BUY THE BEST—WE DO

TOMATOES



ROYAL RED

A SOLID RED TOMATO

At last we have succeeded in perfecting a Solid Red Tomato that will produce a heavy yield under Arizona climatic conditions. This Tomato is a second early, has heavy foliage to protect the fruit from the hot sun and produces very large, smooth Tomatoes. It will yield equally as well as our Phoenix Special and is of the same quality, except that it is pure red, which makes it an all purpose Tomato, home, market, cannery, etc. (Pkt. 10c) (oz. 60c) ($\frac{1}{4}$ lb. \$2.01) (lb. \$6.00)

Livingston's Beauty.—A large purple scarlet tomato, producing fruits in clusters of 4 to 6, is large, of perfect shape and retains its size until late in the season. It ripens early, has firm flesh, of excellent quality, and the seed cells are very small. For shipping it may be picked quite green; will ripen up nicely, and keep in perfect condition for a week after becoming fully ripe. (Pkt. 10c) (oz. 50c) ($\frac{1}{4}$ lb. \$1.65) (lb. \$5.00).

Stone.—The largest, bright red, perfectly smooth, highest yielding, best keeping, finest flavor, main crop variety. Growers everywhere recognize the merit of the Stone. It is now twenty-five years since it was introduced and it is still growing in favor. Skin is bright, scarlet, perfectly smooth and tough enough to stand shipment. (Pkt. 10c) (oz. 50c) ($\frac{1}{4}$ lb. \$1.65) (lb. \$5.00).

Select Acme.—One of the best early purple fruit-

ed tomatoes. It is a very prolific sort. Fruits are produced in clusters of four to five; are of medium size and free from cracks. They are solid, and will stand long distance shipping. The quality is fine. (Pkt. 10c) (oz. 45c) ($\frac{1}{4}$ lb. \$1.25) (lb. \$4.50)

SMALL FRUITED TOMATOES

Excellent for Preserves

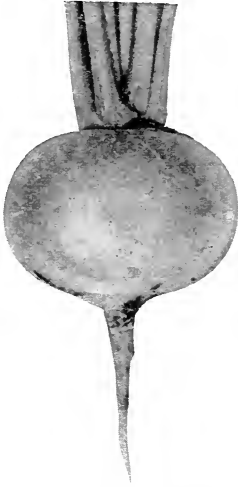
Husk Tomato.—Plants of low spreading growth and immensely productive. The small fruits are each enclosed in a husk. They are highly esteemed for preserves or pies. (Pkt. 10c) (oz. 60c.)

Red Cherry.—Small fruits of bright scarlet, borne in clusters. They are very productive and of fine quality. (Pkt. 10c) (oz. 60c.)

Yellow Pear.—This is a leading favorite for preserves. The fruit is bright yellow and pear-shaped. The flavor is rich and distinct. (Pkt. 10c) (oz. 60c.)

BUY THE BEST—WE DO

TURNIPS



PURPLE TOP GLOBE

CULTURE

Sow from September 1st to March 1st, broadcast if in loose loamy soil, otherwise in drills ten inches apart and cultivate. One ounce of seed will plant 75 feet of row, or three pounds will broadcast an acre.

Rutabaga, Purple Top, Yellow.—The best variety of Rutabaga in cultivation; hardy and productive; flesh yellow and well flavored; shape slightly oblong; color deep purple above and bright yellow under the ground. (Pkt. 10c) (oz. 20c) (¼ lb. 40c) (lb. \$1.25)

Purple Top White Globe.—This is one of the handsomest and most salable turnips. Very desirable for either home or market gardens. It is large, globular shaped; flesh pure white; crisp and tender. On account of its shape it will outyield any other crop and is always a sure cropper. (Pkt. 10c) (oz. 20c) (¼ lb. 35c) (lb. \$1.00)

White Egg.—Of very rapid growth; solid, firm, fine grained flesh of sweet mild flavor. It grows to a good size, and is excellent, early or late. (Pkt. 10c) (oz. 20c) (¼ lb. 35c) (lb. \$1.00)

Early White Flat Dutch.—A most excellent early garden variety. Medium-sized, flat; color white, very early; sweet and tender. It is desirable for table use when small. (Pkt. 10c) oz. 20c) (¼ lb. 35c) (lb. \$1.00)

Golden Ball.—Rich, sweet yellow flesh; of quick growth and keeps well. (Pkt. 10c) (oz. 20c) (¼ lb. 40c) (lb. \$1.25).

Purple Top Strap Leaved.—More generally planted than any other variety. It is a quick grower; the flesh is very fine grained and sweet flavored. (Pkt. 10c) (oz. 20c) (¼ lb. 35c) (lb. \$1.00)

Snowball.—Medium size, round turnip; pure white, very fine flavor. (Pkt. 10c) (oz. 20c) (¼ lb. 40c) (lb. \$1.25).

VEGETABLE PLANTS AND ROOTS

ASPARAGUS ROOTS

WHY NOT HAVE AN ASPARAGUS BED?

The arid Southwest is admirably adapted to the growing of asparagus. Every back-yard garden should have a small bed of it. It is no trouble to grow and it's mighty fine eating in the Spring of the year. Set plants in rows two feet apart and about ten inches apart in the rows, or about 100 plants to 10 x 20. If two year old plants are planted, tips may be out the second year. Set the plants early in trenches eight or ten inches deep and fertilize well. In the Fall after frost cut the dead tops and mulch heavily. Roots in stock from January 1st to June 1st. Price, 2 year old roots (per doz. 50c) (\$3.50 per 100) postpaid. Write for quantity price.

Cabbage Plants.—We have early and late varieties of cabbage plants from September 15th to June 1st. Prices here are postpaid. (Doz. 20c.) (100 \$1.00). Write for quantity prices.

Cauliflower Plants.—Our cauliflower plants are grown from our best acclimated seed. We have them from about October 1st to April 15th. (Doz. 25c) (100 \$1.25), postpaid.

Egg Plant.—We have these only during the Spring season, about March 15th to June 1st. On receipt of plants they should be put in water and revived before transplanting. (Doz. 35c) (100, \$2.00) postpaid.

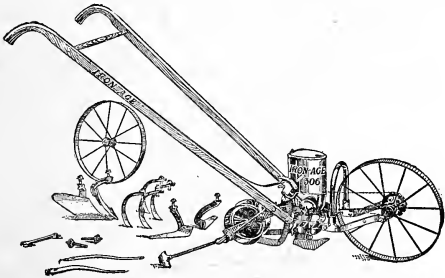
Pepper Plants.—Chinese Giant, Anaheim Chili, ready about March 1st. (Doz. 25c) (100, \$1.50) postpaid.

Sweet Potato Plants.—These are ready usually about April 1st and we have them until June 15th. In ordering more than 100 it is best to have them sent by express. (Doz. 15c) (100, \$1.00) postpaid. Please write for prices on larger quantities.

Tomato Plants.—Our stock of tomato plants is grown from our acclimated seed and they are good producers. We have early and late varieties, but recommend our Phoenix Special. (Doz. 20c) (100, \$1.00) postpaid. Write for quantity prices.

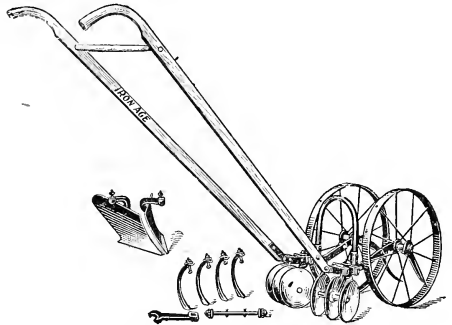
Rhubarb .Roots.—Crimson Winter—A very large growing sort and of excellent quality. Small roots 10c each (\$1.00 per dozen). Two year old roots 20c each (\$2.00 per dozen).

IRON AGE TOOLS



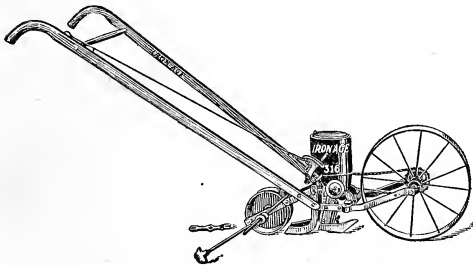
No. 306 COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE

This is our most popular and complete garden tool, especially planned for the convenience of the home gardener. Just the tool for the mechanic, professional man, or a farmer who wants to help the wife with her Garden. The specialist, too, who grows chiefly a single crop requiring few changes from seeder to wheel hoe will find No. 306 a most economical tool. Since it can be stored away in a small space and all changes can be quickly and easily made, it is a favorite with the home gardener in town or city. It will open its own furrow, sow in continuous rows or drop in hills, cover the seed with loose soil, pack it with a roller and mark the next row. (\$24.00)



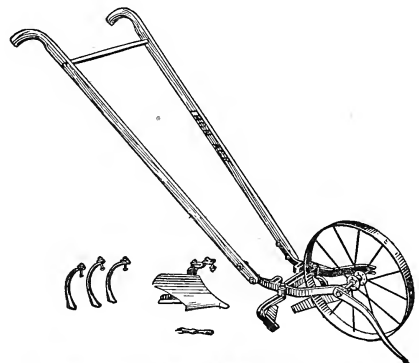
NO. 327 DOUBLE AND SINGLE WHEEL GARDEN DISC CULTIVATOR

Just the thing for cultivating young plants and leveling a dust mulch on the surface. The disc can be set either way and used astride or between the rows. They throw soil either toward or from the row. This is an ideal tool for many garden purposes. (\$16.50)



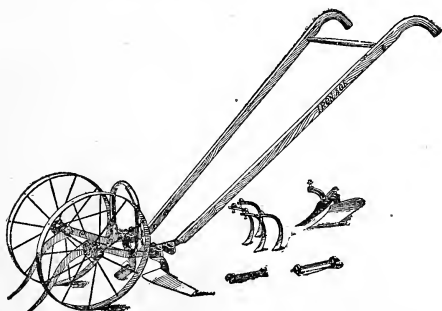
NO. 316 HILL AND DRILL SEEDER

Here is an important tool built especially for those who do not care for a combined tool but desire a separate machine for each purpose. The No. 315 will sow either in continuous rows or deep in hills, four, six, eight, twelve or twenty-four inches apart. The change from hill to drill seeder takes but a moment. (\$18.50)



NO. 320 SINGLE WHEEL HOE

A strong durable tool, lower in price and lighter in weight than No. 401. It will do all the between the row cultivating, furrowing, ridging, weeding, leveling, etc., required in any home or market garden. The working tools with the No. 320 include one pair of side hoes, one land slide plow and three steel cultivator teeth. (\$10.50)



NO. 301 DOUBLE AND SINGLE WHEEL HOE

NO. 301 DOUBLE AND SINGLE WHEEL HOE

This tool is equally valuable to the home gardener who may not now see the need of a seed drill, and to the truck farmer who prefers separate tools for the work of planting and cultivating. When the plants are young the Double Wheel hoe may be used astride the row. Later the Single Wheel hoe can be used in working between the rows. It will save your back and make gardening easy. (\$14.00)

HAIRY PERUVIAN ALFALFA

Superior to All Others. Produces Two to Three Tons More Hay per Acre.



CUTTING CACTUS BRAND HAIRY PERUVIAN IN DECEMBER

At the present price of Alfalfa Hay in the Salt River Valley, an increased yield of two to three tons of hay per season is well worth while. Just push your pencil a little and figure it for yourself, or ask any County Agent or any farmer who is growing Hairy Peruvian. We consider it as far superior to the old varieties as Pima Cotton is superior to the common short staple.

Hairy Peruvian Alfalfa is particularly adapted to a climate such as we have in Southern Arizona and California. Due to its frost resistance it enjoys a long growing season, beginning its spring growth very early and growing throughout the winter in favored sections. It produces a greater number of leaves than any other variety, thus making a most highly nutritious hay. It recovers quickly from cutting and grows very rapidly.

Hairy Peruvian is distinctly an Arizona product. It is grown almost exclusively in this Valley now and has proved to be all that was ever claimed for it. Our seed fields are selected and rogued by experts who are thoroughly familiar with the work of growing pure seed, and it is with a great deal of pride that we offer what we consider the best strain of seed on the market. This is the first year we have had what we consider an ample supply of seed. The demand has always far exceeded the

supply, but we are prepared this year to fill orders large and small.

We would suggest that you inoculate your seed with Standard Culture, as this will materially increase your yield the first year. Plant 15 pounds to the acre. Cactus Brand Hairy Peruvian (10 lbs. \$5.00). Ask for prices on larger quantities.

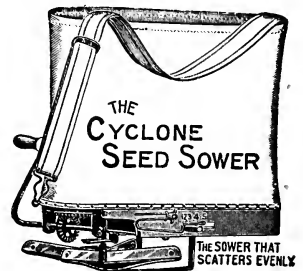
CHILIAN ALFALFA

Chilian Alfalfa.—Recommended for Northern Arizona and similar climates. We grow this variety for the Eastern market, and ship carlots to Colorado, Kansas and Eastern States every year. It is the variety commonly grown in cold climates. Our seed is thoroughly re-cleaned and of the best grade. (10 lbs. \$3.5) (25 lb. \$8.00) (100 lbs. \$30.00)

CYCLONE SEEDER

Thirty to 40 acres of alfalfa, millet, etc., can be sown in a day with this little machine. It broadcasts evenly and can be used with perfect success.

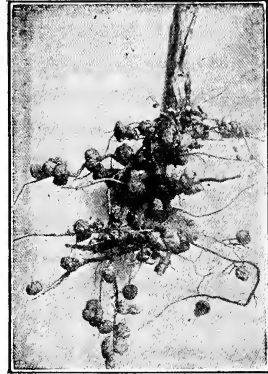
Each, \$3.00. By mail postpaid



BUY THE BEST—WE DO

STANDARD INOCULATING BACTERIA

In offering Standard Bacteria we are giving our customers the benefit of 100% efficiency in laboratory work. Volume and efficiency mean lower cost of production and the honest merchant is ever ready to give his trade the benefit of lower cost because it increases his volume. That is just what we are doing with Standard Bacteria, offering you a high grade inoculation at $\frac{1}{4}$ the usual price because we have increased our volume to the point where we can afford to sell it at a figure which should be attractive enough to persuade you to use it on every legume you plant.



All legume crops should be inoculated. Few soils contain sufficient bacteria to provide self-inoculation. Artificial inoculation with pure cultures has long since been determined by the experiment stations to be the only safe and sure way. Few soils, unless heavily fertilized, contain enough nitrogen to carry a legume crop to maturity and a maximum yield unless the proper inoculating bacteria be present in the soil and active. Inoculated legumes take their supply of nitrogen from the air and not only feed themselves during growth, but store up a surplus in the nodules formed on the roots as a supply for succeeding crops. But unless such proper bacteria are supplied or present there will be no nodules. Neither will the crop be a maximum. A good legume crop will store up in soil for use of future crops as much nitrogen as can be obtained for thirty to fifty dollars in commercial nitrogen carrying fertilizer materials. Take no chances. Inoculate all legumes with STANDARD cultures.

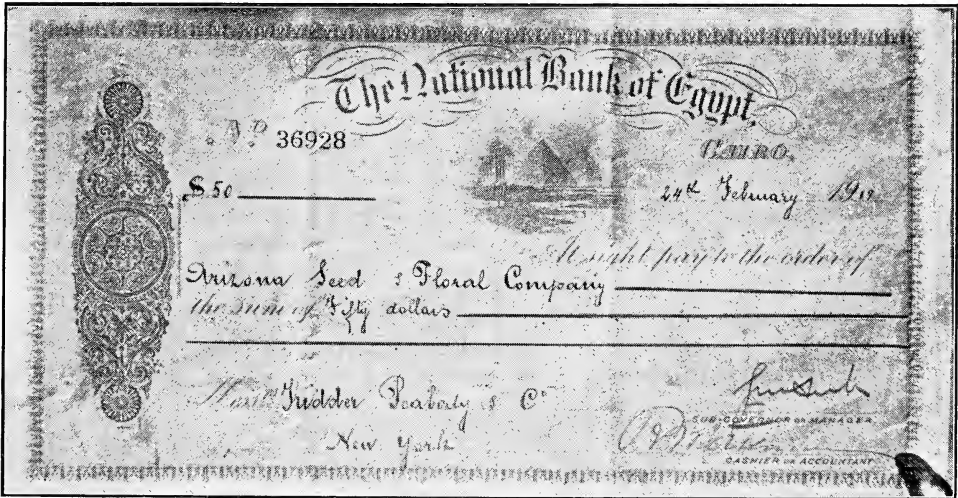
Increases the Yield. Enriches the Soil. Hastens Maturity. Improves Feeding Value.
Saves Fertilizer Bills. Easy to Apply. Full Directions in Every Package.

PREPARED FOR

PRICES

Alfalfa	Crimson Clover	Garden Peas	Garden Size.....	\$0.50
Soy Beans	Alsike Clover	Sweet Peas	1 Acre Size.....	.75
Cow Peas	Vetch	FIELD BEANS	2 Acre Size.....	1.45
Sweet Clover	Field Peas	Garden Beans	4 Acre Size.....	2.25
Red Clover		Peanuts	6 Acre Size.....	3.00

and all other legumes.



This is an exact reproduction of an Egyptian draft drawn in our favor for garden seeds and inoculation sent to Egypt. Professor Forbes, formerly of the University of Arizona, writes that our seeds are producing highly satisfactory results there.

BUY THE BEST—WE DO

AVONDALE MAIZE



THE GREATEST GRAIN SORGHUM

Planted from Panhandle, Texas, to California

Avondale Maize is a distinct strain of highly selected and field rogued maize, growing to a height of about five feet under proper conditions. It should be planted at the rate of $2\frac{1}{2}$ to 3 pounds of seed to the acre in drills three feet apart. Planting this quantity requires two seeds to be dropped every 24 inches, which distance will allow for stooling. In our yearly experiments we have noted that if Avondale Maize is given room the result is usually a stool of from three to seven stalks, each bearing a large well filled head; while on the other hand if it is crowded the tendency is to grow to a greater height and the heads are smaller, thereby making harvesting more difficult and more expensive. The usual custom is to plant with a lister, on previously irrigated land, with sufficient moisture to germinate the seed. The first cultivation may be with a harrow, to be followed later by any implement that will gradually fill the lister row and leave a dust mulch.

This seed has been rogued and hand picked in the field, selected, re-cleaned and thoroughly screened, thereby eliminating all small, imperfect and immature seeds.

The common tendency is to plant too much seed per acre. We therefore urge you to follow these directions closely and obtain maximum results.

(Per lb. 15c) (10 lbs. \$1.00) (100 lbs. \$10.00.)

BUY THE BEST—WE DO

AVONDALE HEGARI



GRAIN AND FORAGE COMBINED

Our Avondale Hegari is Systematically Grown, Selected and Recleaned for Seed.

In keeping with our usual custom of "watchful waiting" on new and untried crops, we have followed this wonderful grain sorghum through an experimental period of four years, and in offering it this year we do so knowing it to be a profitable and reliable crop for the Arid Southwest. Unlike most other grain sorghums Hegari not only produces a heavy crop of grain, but because of the sweet juicy stalk and foliage it has the added feature of making good pasture or roughage. The heads mature in about 115 days from planting and the stalks remain green much longer, making excellent forage, which all kinds of stock relish and which they will eat to the ground. The average grain yield of Hegari seems to be about 4,000 pounds of threshed grain per acre, and we think with our selected seed and good cultivation that this yield may be materially increased. Hegari grows about five feet high, produces a long, well-filled, white head, resembling white Milo Maize. It should be planted in rows three feet apart at the rate of three pounds of seed to the acre. It is drought resistant, but will respond wonderfully to cultivation and irrigation.

Our seed is grown from head selected stock and is systematically rogued in the field. The photograph above speaks for itself. Compare it with other fields you saw the past season and judge for yourself whether or not it pays to plant properly selected seed. It will cost you but 36 cents an acre to plant our Avondale Hegari and taking yield into consideration, it would be expensive to plant any other.

(Per lb. 15c) (10 lbs. \$1.00) (100 lbs. \$10.00.)

SUDAN GRASS

FOR PASTURE OR HAY

For quick summer pasture Sudan Grass surpasses anything in the grass line. Planted as soon as danger of frost is over in the spring it may be pastured in forty to fifty days after planting and continuously thereafter until frost kills it in the fall.

It is relished by all stock and as a milk producer has few equals. Broadcast it requires 25 pounds of seed to sow an acre. Our seed is produced outside the Johnson Grass belt and is first class in every respect. (Per lb. postpaid 20c) (10 lbs. by express \$1.50). Ask for quantity prices.



Bermuda Grass

May be used for pasture or for lawn in Southern climates. Most everyone is familiar with this grass. It requires three weeks under favorable conditions to germinate Bermuda grass and it should be kept thoroughly soaked during that time. Insufficient water will simply start the seed and kill the tiny roots before the plant can establish itself. Be careful about this. Plant for lawn 1 pound to 500 square feet. (Per lb. postpaid \$1.00) (10 lbs. by express \$7.50).

Red Top Pasture Grass

Another pasture grass for the higher altitudes. Succeeds on all soils from moist to swampy land, making a permanent pasture, and furnishing a highly nutritious feed. Hulled seed. Sow 15 pounds per acre. (Lb. 30c) (10 lbs. \$2.50).

Timothy

Much timothy is sown in our higher altitudes throughout the Southwest where it is quite successful. We carry a stock of acclimated seed for this section and would be glad to send samples and quote prices on request. It requires 15 pounds per acre when sown alone. (lb. postpaid. 30c).

Orchard Grass

A valuable pasture grass for the higher altitudes of Arizona; produces an immense quantity of forage and hay of the best quality. After being cut it comes up quickly and yields heavily. Sow 35 pounds per acre. (Lb. 50c) (10 lbs. \$4.00).

BUY THE BEST—WE DO

RHODES GRASS

A PERENNIAL PASTURE AND HAY GRASS

We sold considerable Rhodes Grass last year, but we find on checking up that quite a few planters had difficulty in getting it to grow. As it was in its experimental stage we could not offer any great amount of information, but this year we are prepared to tell you how it should be grown. First a very fine seed bed must be prepared, as the seed is light and requires careful attention. Plant it in drills eighteen inches apart using a cotton planter or similar drill which will cover it lightly, then run the water slowly over it; keep it wet until the seed germinates. If you have no cotton planter or drill, select a still day and broadcast the seed evenly, then cover very lightly with a plank sled or brush. Now build a corrugator of six or eight 2x4s 10 feet long; round the front ends the same as sled runners and fasten together 18 inches apart in the form of a sled and corrugate the seed bed. Run the water slowly through these corrugations and keep it wet until the grass is up about ten days, then you will have no more trouble.

Demonstrations the past season have proved that Rhodes Grass will grow luxuriantly on land that is so saturated with alkali that many other crops will not grow on it at all. It is very satisfactory under dry land conditions and makes excellent hay or pasture. It is perennial, but does not spread by root stocks in the ground, therefore is easily killed by plowing and will not become an everlasting pest. It requires about five pounds to the acre either, broadcast or in 18 inch drills. Per lb. 75c, 10 lbs. \$6.50, 100 lbs. \$60.00.



BROME GRASS

A WONDERFUL DROUTH RESISTANT GRASS

Recent experiments are proving that this Grass is most satisfactory in all localities where arid soils demand a plant that will stand the drought. Its mature is to stool and it seldom produces seed the first year. We think it will prove an excellent permanent pasture grass for general range purposes.

(Per lb. 50c) (10 lbs. \$4.50) Postpaid.

NOTICE

There is a national shortage of Nursery Stock including fruit trees and rose bushes. Besides being scarce the stock is small and high priced and does not represent good value for the money, therefore we decided not to catalogue the general line this year. If you ordered a tree from us and we sent you a whip the size of a lead pencil you would be disappointed, especially if we were compelled to charge you 75c or \$1.00 for it. We want to retain you as satisfied customers and we believe the best way to do that in the face of present conditions is to omit listing Nursery Stock in our 1921 Catalogue.

BUY THE BEST—WE DO

CORN

SACATON JUNE

For Ensilage or Mature Corn

Corn is the principal silage crop, and Sacaton June is the principal variety used in the long-season sections. It matures in about 120 days and will yield the largest amount of good silage to the acre of any variety. Corn should be cut for silage when the kernels are past the milk stage and begin to show a glaze and when the bottom leaves of the plant are turning brown. If it is frosted before it reaches this stage it should be cut and put in the silo at once. Sacaton June will grow 12 to 15 feet high. It requires eight pounds to plant an acre. Our seed is grown from carefully selected stock and is thoroughly re-cleaned. The seed cost is \$1.00 per acre. (1 lb. postpaid, 25c) (10 lbs. \$1.50) (100 lbs. \$12.00) by freighter express.

HICKORY KING

Our acclimated strain of Hickory King produces abundantly in the Arid Southwest. It is somewhat earlier than Mexican June, maturing in about 110 days. In southern valleys it should be planted

from July 1st to the 25th at the rate of ten pounds per acre. In the Salt-River valley it is a favorite for roasting ears, being very tender and sweet. (lb. postpaid 25c) (10 lbs. \$1.50) (100 lbs. \$12.50).

REID'S YELLOW DENT

This is a splendid yellow dent variety, with eighteen to twenty-four rows of kernels on an ear. The cob is small and the grains are very close together. This is a good corn for the higher altitudes where the growing season is long enough to mature it. It will mature under favorable conditions in about 115 days. You will be pleased with our stock. It is selected in the field, nubbed and tipped and screened heavily. (lb. postpaid 25c) (10 lbs. \$1.75) by express or freight.

PIMA CORN

A native soft corn planted almost exclusively by the Indians. It produces table corn in about ten weeks and will mature in 90 to 100 days. The ears are long and slender, and usually well filled. (lb. postpaid 25c) (10 lbs. by express or freight \$1.25.) Ask for quantity price.

MISCELLANEOUS FIELD SEEDS

Wheat.—Several years ago we began a search for a select strain of Early Bart Wheat, and after securing samples from many sections of the country we finally on recommendation of the Department of Agriculture purchased a quantity of fancy stock in the State of Washington. From this stock we are growing our supply, selecting it each season. We also carry in stock Sonora and Club. Sow 60 to 90 pounds to the acre. Price on application.

Barley.—Our Seed Barley is grown under contract for us, and under our personal supervision for seed purposes. For early planting sow 60 pounds to the acre, and for later planting 80 to 100 pounds. Ask for prices.

Dwarf Essex Rape.—This crop is very highly recommended as a pasture for sheep and hogs, furnishing fine pasture in six to eight weeks after planting. Rape is best sown in drills at the rate of five pounds to the acre, or it may be sown broadcast eight to ten pounds per acre. (Per lb. 25c) (10 lbs. \$2.00).

Oats.—For Hay or for grain Oats is an excellent crop. Oat hay commands a high price at all times. We offer two grades of seed. Local grown for hay purposes and Imported grown for grain. Prices on application.

SUNFLOWER

Single heads measure 15 to 20 inches in diameter, and contain an immense amount of seed which is highly valued by poultry breeders as a poultry feed. Every year great quantities of this seed are shipped into Arizona and it is with this in mind that we appeal to Arizona Farmers to grow Sunflowers. They grow luxuriantly here and produce a fine grade of seed. Three pounds of seed will plant one acre. (Per lb. 25c) (10 lbs. \$2.00.)

Winter Rye.—You farmers who have not planted Winter Rye for Winter pasture have overlooked a good bet. It has been demonstrated that earlier pasture and more pasture is obtained from Winter Rye than from Barley or Wheat. It is of special value to dairymen, for it comes early when green feed is needed. Sow 75 pounds per acre. Price on application.

Golden Millet.—An excellent catch crop. May be planted as late as September 15th in the Salt River Valley and still produce a good crop of hay. Sow 30 pounds per acre. (Per lb. 15c) (10 lbs. \$1.25).

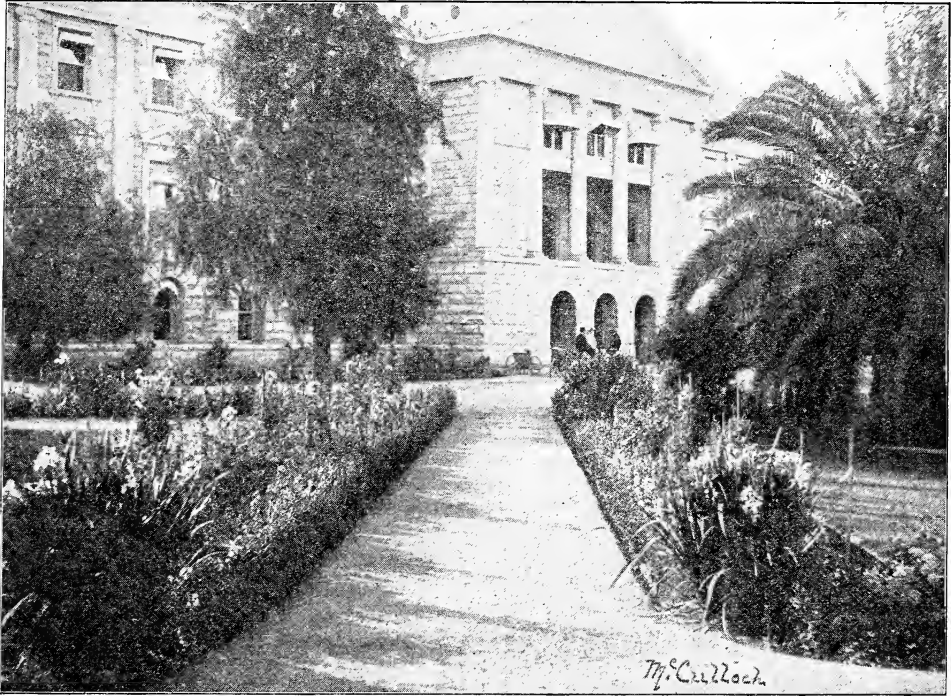
SWEET CLOVER

WHITE BLOSSOM SWEET CLOVER

White Blossom Sweet Clover.—This wonderful legume is gradually earning its way. Small fields here and there in various parts of the state have proven highly satisfactory as a catch crop for pasture and particularly has it been demonstrated that it will absolutely outgrow Bermuda and Johnson Grass. It resembles Alfalfa in appearance, habit of growth and in food content. It thrives in a variety of soils, growing well in almost pure sand and in the hardest adobe, and adapts itself to almost all conditions of climates. It is used for hay, pasture and green manure as well as fertilizing and renovating worn out and alkaline soils. It may be killed when desired by mowing when in bloom. Sow in the spring or fall at the rate of 20 to 25 pounds to the acre. (Scarified Seed per pound 50c postpaid) (100 pounds \$30.00, or market price the day order is received.)

FLOWER SEEDS

There are no more satisfactory flowers than those grown from seed, especially the easily grown and brilliant flowered annuals, but they require care and proper soil preparation, for flower seeds are delicate. Soil that will bake and crust should have a liberal mixture of well rotted manure and sand. In adobe soil a few pounds of air slacked lime will assist in forming a better texture. In sowing seeds of hardy annuals plant all medium sized seeds at a depth of $\frac{1}{4}$ to $\frac{1}{2}$ inch. Sweet Peas should go deeper. Very fine seeds should be pressed into the soil and a little sand or fine well rotted manure sprinkled over the surface. Water more frequently if the seed is close to the surface, and if necessary protect with cheese cloth until the seed germinates. When up the plants should be thinned from 2 to 12 inches, depending on the variety, otherwise they will be weak and spindling. It is a great mistake to leave plants too thick, give them room to develop, allow plenty of moisture and the display that can be produced from seed will surprise and delight the grower.



**A YEAR ROUND DISPLAY OF ANNUALS AND PERENNIALS AT THE STATE CAPITAL, PHOENIX, ARIZ
PLANTING TABLE FOR FLOWER SEEDS AND BULBS**

January 1st to February 15th

Plant seeds of Alyssum, Cosmos, Larkspur, Gailardia and Petunia.

Bulbs of Anemone, Amaryllis, Canna, Calla Lily, Gladiolus, Iris, Lily of the Valley, Tube Roses, Rose Bushes and Ornamentals.

February 15th to April 1st

Plant seeds of Alyssum, Asters, Australian Pea Vine, Balsam Apple, Balloon Vine, Balsam, Scarlet Runner, Castor Beans, Coxcomb, Cobea Scandens, Cosmos, Cypress Vine, Larkspur, Hyacinth Bean, Evening Primrose, Four O'clock, Helichrysm (Everlasting Flower), Japanese Hop, Kochia Tricophylla, Lobelia, Lupins, Morning Glory, Moon Flower, Marigold, Nasturtium, Petunia, Portulaca, Rudebeckia, Salvia and Verbena.

Bulbs and roots of Amaryllis, Cannas, Caladium, Calla Lily, Dahlia, Gladiolus, Tuberoses, Madeira

Vine, Golden Glow, Shasta Daisy Clumps, Carnation Plants, Chrysanthemum Plants, Rose Bushes and Ornamentals.

April 1st to October 1st

Cosmos, Hollyhocks, Vine Seeds, Zinnia, and during September Christmas Flowering Sweet Peas.

October 1st to December 1st

Plant seeds of Alyssum, Snapdragon, African Daisy, Double Daisy, Calendula, Candytuft, Carnation, Centaurea, Clarkia, Coreopsis, Cosmos, Globe Amaranth, Scarlet Flax, Gaillardia, Godetia, Hollyhock, Larkspur, Mignonette, Nasturtium, Nicotiana, Nigella, Pansy, Petunia, Phlox, Poppy, Scabiosa, Stocks, Sweet Peas, Violets and Verbena.

Bulbs of Hyacinth, Tulips, Crocus, Daffodil, Narcissus, Jonquils, Anemones, Freesias, Star of Bethlehem, Iris, Gladiolus, Oxalis, Lily of the Valley, Zephyranthes and Ranunculus.

BUY THE BEST—WE DO

FLOWER SEEDS

Ageratum.—A hardy annual of easy culture, used for bed or borders. (Pkt. 10c)

Alyssum Sweet.—A fragrant hardy annual, having the odor of honey and bearing spikes of small white flowers in great profusion. (Pkt. 5c) (oz. 50c).

Amaranthus Caudatus.—(Love Lies Bleeding). Light yellowish-green, foliage long; drooping crimson flower spikes; grows three to four feet high. (Pkt. 10c)

Antirrhinum.—(Snapdragon).—Thrive in most any soil and do beautifully in Southern Arizona. Plant in the open where they are to remain. Mixed colors. (Pkt. 10c).

ASTERS

Sow Asters in boxes in January and transplant to the open in March and April. By thorough cultivation excellent results may be obtained. The tallest grow about two feet high and flowers are produced in a great variety of colors.

Giant Branching.—The tallest and best cut flower variety, and we highly recommend them as the very best type of Aster we have. The plant grows about 18 inches high, and the blossoms which are large and full petaled are born on long stems or branches. Since it is not only a good cut flower, but a showy bedding type as well it deserves



GIANT BRANCHING ASTER

a place in every garden. We have it in the following colors. CRIMSON, LAVENDER, PINK, WHITE and MIXED COLORS. (Pkt. 10c).

Australian Pea Vine.—(Dolichos Lignosus).—A rapid growing evergreen, climbing perennial; flowering freely in large clusters of rose flowers. For covering arbors, etc., they are excellent. (Pkt. 10c).

Bachelor's Button.—See Centaurea. (Pkt. 10c.)

Balloon Vine.—A climbing annual. The seed pods are curiously puffed, making the vine quite attractive. (Pkt. 10c)

Balsam.—(Lady's Slipper).—A tender annual growing about twelve inches high. Flowers are both single and double in bright colors and variations. (Pkt. 10c)

Balsam Apple.—(Momordica)—A climbing annual with graceful and ornamental foliage; yellow flowers and warted golden yellow fruits. (Pkt. 10c).

Bean Scarlet Runner.—A popular climber. Flowers scarlet. (Pkt. 5c) (oz. 15c)

Calendula.—(Pot Marigold).—A very hardy annual growing about one foot high. Plantings may be made from September 15 to April. Flowers very early and is attractive as a border plant.

Orange King.—A deep orange. (Pkt. 5c) (oz. 40c)

California Poppy (Golden West. — A hardy annual, growing from one to 1½ feet high; sowing the seed in the Fall it blooms beautifully during the Spring. Pure yellow and mixed. (Pkt. 5c) (oz. 50c.)

Canary Bird Flower.—A tender climbing annual of the Nasturtium family. Blossoms have curiously winged petals and are a light yellow. (Pkt. 10c)

Canna.—Mixture of the popular varieties, red and yellow flowers. (Pkt. 10c)

Cardinal Climber.—A new climber of great merit, bearing a great mass of small crimson flowers. It grows to a height of 15 or 20 feet. (Pkt. 25c.)

Castor Beans.—Large leaved varieties for shade; very ornamental. (Pkt. 5c) (oz. 15c) (lb. \$1.50)

Candytuft.—A hardy annual growing from six to eight inches high, according to the variety; of easy culture and valuable for bedding or massing.

Pure White.—(Pkt. 10c) **Pink** (Pkt. 10c) **Mixed Colors** (Pkt. 10c)

Canterbury Bells.—A hardy perennial, blooming the second year from seed, or the first year if sown early. Grows about three feet high. Mixed colors. (Pkt. 10c)

Carnation.—Cover the seed lightly and protect from the sun until established, then transplant twelve to eighteen inches apart, where they are to remain. Pure white. (Pkt. 15c)

Mixed Colors—(Pkt. 15c)

FLOWER SEEDS

Centaurea Cyanus.—(Bachelors Button or Corn Flower).—Sow anywhere.—**Mixed Colors (Pkt. 10c.)**

Centaurea Moschata.—(Sweet Sultan).—A magnificent large flowered type, exquisitely fringed and delightfully scented. Fine for cut flowers. **Mixed colors. (Pkt. 10c)**

Celosia.—(Cockscomb).—Very ornamental and strong plants. They succeed well in the garden. Dwarf Mixed. **(Pkt. 10c)**

Feathered Cockscomb.—**(Pkt. 10c)**

Chrysanthemum.—Single and double mixed. **(Pkt. 10c)**

Clarkia.—A hardy annual of easy culture growing about eighteen inches high and bearing bright rose, white and purple flowers in great profusion; single and double mixed. **(Pkt. 10c)**

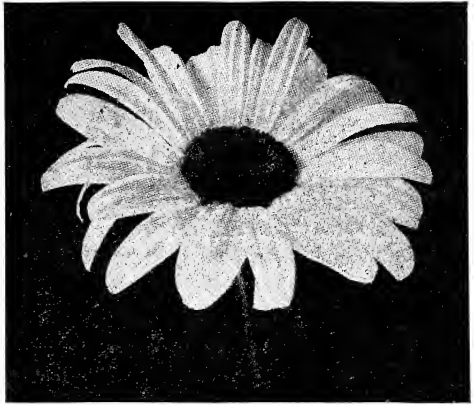
Cobea Scandens.—A climber of rapid growth, beautiful fine foliage and a rich purple flower borne on long stems. **(Pkt. 10c)**

Coreopsis.—Grows luxuriantly in any situation, affording a constant supply of richly marked flowers for cutting. **(Pkt. 10c)**

Cosmos.—A tender annual with fine cut, feathery foliage and large showy blossoms. The late flowering or giant types grow five to six feet high. Cosmos should be planted more extensively than it is. It is a handsome cut flower, a good bedder and easily grown. We have the **Crimson, Pink, and Mixed colors. (Pkt. 10c) (oz. 75c)**

Cypress Vine.—(Ipomea Quamoclit).—A tender climbing annual with soft fern-like foliage and small star-like flowers; mixed. **(Pkt. 10c)**

Dahlia.—Sow seed in beds and transplant. We also carry the tubers (see page 29), double mixed. **(Pkt. 25c)**



SHASTA DAISY

Daisy, Shasta.—A fine perennial plant bearing large white single blossoms with yellow centers. Soak seed in warm water over night before sowing. **(Pkt. 10c)**

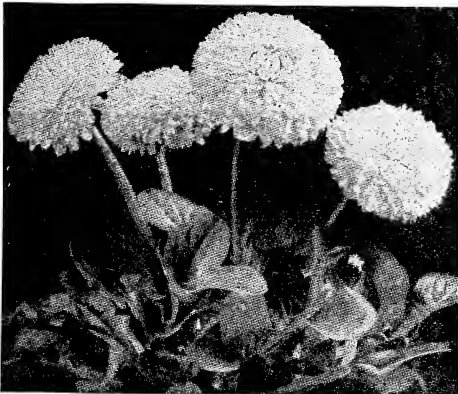
Digitalis.—(Fox Glove).—Does well in the Northern part of the State, but is difficult to handle in the Southern Valleys. The cell shaped flowers are borne on long stems and come in a great variety of colors; **mixed. (Pkt. 10c)**



AFRICAN DAISY

Dimorphothea Aurantiaca.—(African Daisy).—A rare and extremely showy annual from South Africa, which is becoming a great favorite here on account of its easy culture and long blooming season. Its Marguerite-like blossoms are two and one-half to two and three-fourths inches in diameter, of a rich orange gold. Every Arizona garden should have these. **(Pkt. 10c) (oz. \$1.25).**

Dolichos.—(Hyacinth Bean).—Tender climbing annual; purple waxy-like flowers are borne on long stems; sow in the open ground in March. **Mixed colors. (Pkt. 10c)**



DOUBLE DAISY

Double Daisy.—(Bellis Perennis).—A hardy perennial blooming freely during the early Spring and well into the Summer; white and mixed colors. **(Pkt. 25c) (1-8 oz. \$1.00)**

Dianthus.—(Pinks).—Hardy annuals, about one foot high and bearing beautifully colored single and double flowers in profusion; Japan mixed. **(Pkt. 10c)**

FLOWER SEEDS

Dusty Miller.—Broad silvery white foliage. Very pretty as a border or for edging. (Pkt. 10c.)

Evening Primrose.—(Oenothera).—An attractive hardy perennial border plant of dwarf compact growth, producing an abundance of bright showy flowers in white, pale yellow, rose, etc.; of very easy culture; fine mixed. (Pkt. 10c.)

Flax, Scarlet.—A hardy annual, about one and one-half feet high, of slender and graceful appearance with bright red flowers which are borne in great profusion; very showy. (Pkt. 5c) (oz. 50c.)

Four O'clock.—A hardy annual of easy culture, growing about two feet high; plant in March and April. (Pkt. 5c.)

For-Get-Me-Not.—(Mysotis).—A hardy perennial growing six to twelve inches high, blooms the first year; sow in February. (Pkt. 10c.)

Gaillardia.—Beautiful show plant blooming all through the Summer here. Excellent for beds, borders, or for cutting. (Pkt. 5c.)

Geranium.—A half hardy perennial flowering the first year from seed. (Pkt. 15c)

Codetia.—A hardy annual ten inches high, of compact growth, satiny cup shaped flowers in deep red, pink and white; sow in October and it will bloom in the early Spring. Does well in Arizona. (Pkt. 10c)

Gourds Mixed.—Strong climbing vines producing many odd shapes and ornamental gourds. (Pkt. 5c) (oz. 25c).

Gypsophila.—(Baby's Breath).—A hardy annual of easy culture. Grows two to three feet high, and bears a profusion of small star-shaped flowers. Very fine for bouquets. (Pkt. 5c) (oz. 60c).

Ice Plant.—White. (Pkt. 10c.)



NIGELLA

Nigella.—A hardy annual one foot high, with finely cut foliage; oddly shaped blossoms in blue and white; planted in the Fall it makes a beautiful display in Southern Arizona. (Pkt. 10c)

Hollyhock.—A hardy perennial of upright growth, five to eight feet high; double mixed. (Pkt. 10c.) (oz. \$1.50).

Humulus, or Japanese Hop.—A rapid growing, climbing annual with dense foliage. Will grow twenty to thirty feet in a season. (Pkt. 10c) (oz. 50c)

Kochia Tricophylla.—(Mexican Fire Bush).—A splendid ornamental annual plant forming dense oval bushes two to two and one-half feet high, of small light green foliage, changing to a fiery red in the Fall. Planted in March it does well here. (Pkt. 10c.)

Kudzu Vine.—A new climber of great merit. This is one of the fastest growers we know of, reaching a height of 20 feet in a short time. (Pkt. 15c.)

Larkspur.—Beautiful hardy plants with noble spikes of handsome flowers. Plant in October and November. We recommend it for Southern Arizona.

Single Mixed.—(Pkt. 10c) (¼ oz. 35c)

Double Stock Flowered Mixed.—(Pkt. 10c) (¼ oz. 35c)

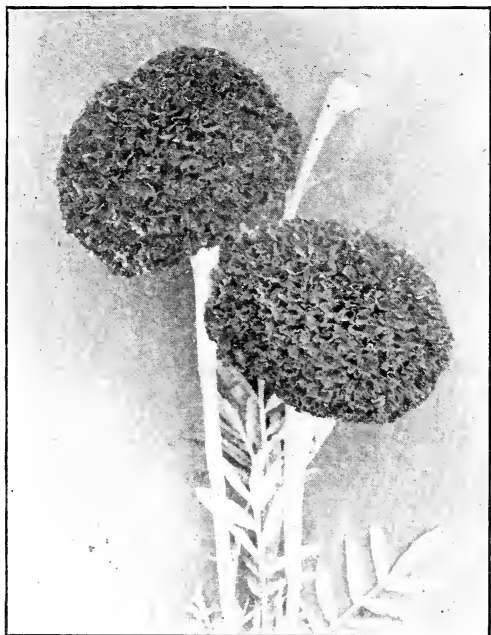
Lantana.—Tender perennial growing from two to three feet high bearing verbenalike clusters of flowers; sow seed in boxes in February and protect until after danger of frost is past, when they may be set in the open. (Pkt. 10c)

Lobelia.—Fine for bedding. Plants very compact, profusely covered with rich blue flowers; plant in March. (Pkt. 10c)

Marigold.—A hardy annual in various shades. Planted after danger of frost is past they will bloom here through the entire Summer. (Pkt. 5c.)

Double Tall African Mixed.—(Pkt. 5c) (oz. 75c.)

Dwarf French Mixed.—(Pkt. 5c) (oz. 50c.)



AFRICAN MARIGOLD

FLOWER SEEDS

Mignonette.—Hardy annual growing six to twelve inches high; sow in the Fall for early blossoms in the Spring. (Pkt. 5c) (oz. 50c).

Moon Flower.—This vine does beautifully in any part of Arizona in any position, be it sun or shade, making an enormous growth in a remarkably short time; large white flowers open in the evening; file or in some manner puncture the outer shell of the seed and soak in water twelve hours before planting. Blue or white. (Pkt. 10c).

Morning Glory.—The most rapid growing vine for spring planting. Best Mixed. (Pkt. 5c) (oz. 25c)

Japanese Fringed.—A large flowering variety with beautifully fringed flowers. (Pkt. 10c) (oz. 50c)

Nicotiana.—A half hardy annual growing three feet high, with slender tubular flowers; plant in the Fall. (Pkt. 10c)

Passion Flower.—A hardy perennial climber with lovely wax-like flowers. (Pkt. 10c).

Petunia.—Sow seed from October to March, scatter thinly on an even surface and barely cover with sand or fine mulch. We recommend the following for Southern Arizona.

Choice Fringed Mixed.—(Pkt. 25c).

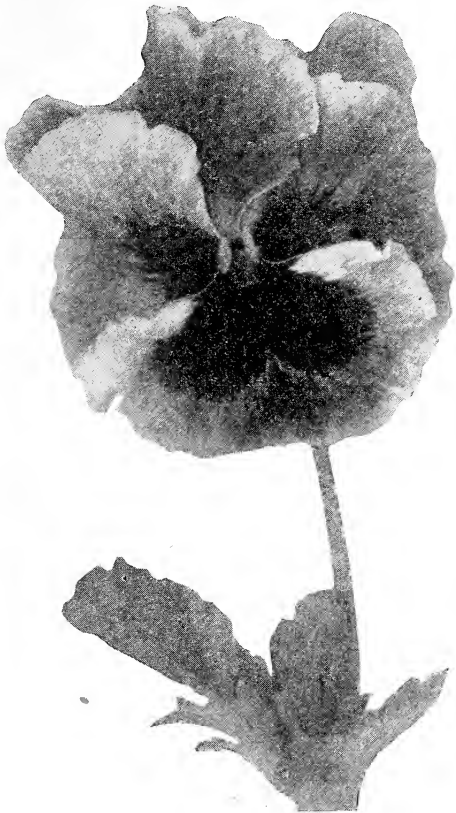
Good Mixed.—(Pkt. 10c)

Phlox Drummondii.—A hardy annual suitable for borders, bearing beautiful and brilliantly colored flowers all Spring and well into the Summer. (Pkt. 10c).

Portulaca.—Beautiful dwarf plants, bearing glossy cup-shaped flowers in brilliant colors.

Single Large Flowering Mixed.—(Pkt. 10c) (¼ oz. 50c).

Double Large Flowering Mixed.—(Pkt. 10c) (¼ oz. \$1.00).



PANSIES

Beaconsfield.—Large Purple Violet. Top petals blue. (Pkt. 15c)

Giant Eros or Gold Margined.—Velvety brown edged golden yellow. (Pkt. 15c)

Mahogany Colors Mixed.—(Pkt. 15c)

Pure White.—Giant flowered. (Pkt. 15c)

Giant Yellow.—(Pkt. 15c)

Deep Purple.—(Pkt. 15c)

Giant Pansies Mixed.—(Pkt. 25c)

Good Mixed.—(Pkt. 15c) (¼ oz. \$1.25)



DOUBLE FLOWERING POPPY

POPPIES

The different varieties of poppies are always favorites for outdoor display and the cultivation of them being so extremely simple entitles them to a place in every garden in Arizona. Seed should be sown in the Fall where the plants are intended to flower.

California.—Pure yellow and mixed. (Pkt. 5c).

Double Flowering Mixed. (Pkt. 5c).

Shirley Mixed.—Very showy. (Pkt. 5c).

Glaucum.—Tulip Flowered Red. (Pkt. 10c)

Salpiglossis.—Highly ornamental, half hardy annual, bearing funnel-shaped flowers in striking colors. (Pkt. 5c).

BUY THE BEST—WE DO

FLOWER SEEDS



MIXED NASTURTIUM

NASTURTIUMS

Nasturtiums.—May be sown in the Fall if near the house with south exposure where they may be protected from the frost, otherwise plant in February and March.

Tall Mixed.—(Pkt. 5c) (oz. 25c)

Dwarf Mixed.—(Pkt. 5c) (oz. 25c.)

Ivy Leaf.—Mixed colors. (Pkt. 5c) (Oz. 35c.)

Empress of India.—Deep crimson, dark foliage. (Pkt. 5c) (oz. 35c)

SCABIOSA

Scabiosa.—(Mourning Bride).—Planted here in the Fall, tall bushes are obtained, bearing a mass of lovely flowers in rich colors. (Pkt. 5c).

SALVIA SPLENDENS

Salvia Splendens.—(Scarlet Sage).—A tender perennial blooming the first season from seed. (Pkt. 10c).

SUNFLOWER

Sunflower.—California double, large massive, bright yellow flowers (Pkt. 5c).

SWEET SULTAN

Sweet Sultan.—(Centaurea Moschata.) (Pkt. 10c)

SWEET ALYSSUM

Sweet Alyssum.—(Pkt. 5c) (oz. 50c)

SWEET WILLIAM

Sweet William.—Single mixed and double mixed. (Pkt. 10c)

STOCKS

A very popular plant in Southern Arizona. For brilliancy, fragrance and duration of bloom it is unsurpassed; plant from September to December.

Giant Beauty of Nice.—Delicate flesh pink spikes of double flowers. (Pkt. 15c) (1-8 oz. 75c)

Giant Crimson King.—Long spikes of a rich crimson color. (Pkt. 15c) (1-8 oz. 75c)

White Princess Alice.—A double variety about two feet high. (Pkt. 15c) (1-8 oz. 75c)

Giant Mixed.—A choice selection of many colors. All large flowering varieties. (Pkt. 15c) (1-8 oz. 75c)

VERBENA

A half hardy trailing perennial of very easy culture. It is well known as a bedding or border plant. Although perennials they will bloom the first season from the seed.

Defiance.—The flowers are an intense fiery red, produced in great clusters and is recommended above all others as a bedding variety. (Pkt. 10c) (1-4 oz. 40c).

Lavender.—A giant flowering sort bearing clusters of beautiful purple flowers. (Pkt. 10c) (¼ oz. 40c.)

Mammoth Pink.—Unexcelled for size and beauty. (Pkt. 10c) (1-4 oz. 40c).

Mammoth White.—(Pkt. 10c) (¼ oz. 40c.)

Mammoth Mixed.—Embracing all sorts. Unsurpassed for richness of color and profusion of bloom. The very best mixture procurable. (Pkt. 10c) (¼ oz. 40c)

VIOLET

Violet.—Single sweet-scented. (Pkt. 10c).

WALLFLOWER

Wallflower.—These delightfully fragrant flowers are indispensable for every garden. Plant in October. (Pkt. 10c)

SWEET PEAS

The new and improved strains of Sweet Peas make their culture a pleasure indeed and those failing to plant will only regret it when blooming time comes. They are of easy culture and no garden is complete without them.

Select your space in the open where the vines may be trained on a trellis and dig a trench about two feet wide and eighteen inches deep. Put about three inches of well rotted barnyard manure in the bottom of the trench and mix a sprinkle of manure and commercial fertilizer with the dirt that has been removed and replace it. Open a trench across the bed about six inches deep and plant one ounce of seed to 15 feet of drill in the bottom of it, covering the seed about one half inch. Now fill this last trench with water and soak thoroughly, following with a sprinkle of fine manure to prevent the surface crusting.

After the peas are up eight or ten inches begin to draw the dirt to them, gradually filling the planted trench and opening another trench about ten inches from the row through which to water them the rest of the season.

Frequent cultivation is very necessary, and after the peas are 12 to 15 inches high a mulch of fine manure should be applied to the entire bed and gradually worked into the soil. Keep them well watered, and at blooming time they should be cut



WHITE SPENCER

each day to insure a long blooming period.

	Pkt.	Oz.	¼ lb.		Pkt.	Oz.	¼ lb.
Apple Blossom—				King Edward—Pure Red.....	.10	.40	1.50
Rose and White Flushed.	\$.10	\$0.40	\$1.50	Margaret Atlee—			
Asta Ohn—Pinkish Lavender.	.10	.40	1.50	Rosy Salmon Buff.....	.10	.50	1.75
Blanche Ferry Spencer—				Mrs. Rutzahn—Apricot Pink	.10	.40	1.50
Rose and White.....	.10	.40	1.50	Masterpiece—Lavender.....	.20	.60	2.00
Countess Spencer—				Othello—Deep Maroon.....	.10	.40	1.50
Pure Pink, Very Large....	.10	.50	1.75	President—Brilliant Orange..	.25	1.00	3.50
Dobbies Cream—Deep Cream.	.10	.40	1.50	Rosabelle—Giant Rose.....	.10	.50	1.75
Elfrida Pearson—				Royal Purple—Rich Purple....	.20	.60	2.00
Giant Blush Pink.....	.10	.40	1.50	Wedgewood—Blue.....	.10	.40	1.50
Florence Morse Spencer—				White Spencer—Pure White..	.10	.40	1.50
Deep Blush Pink.....	.10	.40	1.50	Best Spencer Mixed.....	.10	.40	1.40
Florence Nightingale—							
Bluish Lavender.....	.10	.50	1.75				
Helen Lewis—							
Orange Pink, Very Large.	.10	.50	1.75				

CHRISTMAS FLOWERING SPENCER SWEET PEAS.

These are long stemmed, large, early flowering Spencer types

	Pkt.	Oz.	¼ lb.		Pkt.	Oz.	¼ lb.
Christmas Crimson.....	\$.25	\$0.75	\$2.25	Christmas Lavender.....	\$.25	\$0.75	\$2.25
Christmas Cream.....	.25	.75	2.25	Christmas Purple.....	.25	.75	2.25
Christmas Pink.....	.25	.75	2.25	Christmas Apple Blossom....	.25	.75	2.25
Christmas White.....	.25	.75	2.25	Christmas Mixed.....	.25	.75	2.25

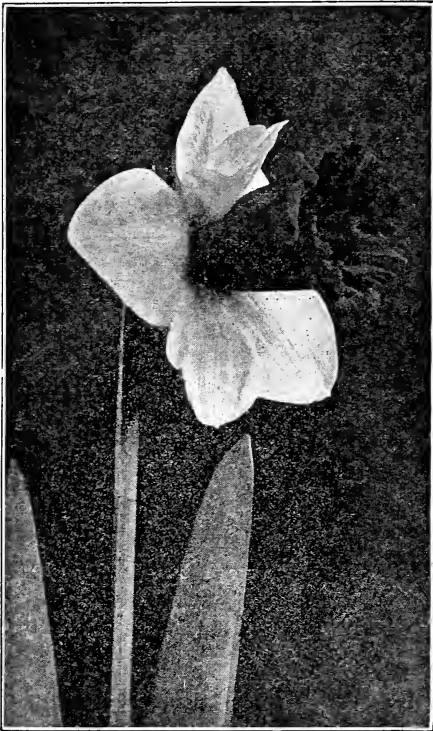
CUPID SWEET PEAS.

	Pkt.	Oz.	¼ lb.
Cupid Mixed.....	\$.10	\$0.35	\$1.25

BUY THE BEST—WE DO

WINTER AND SPRING FLOWERING BULBS

We can supply Bulbs from Oct. 15th, to March 1st only.
Please do not order them during the summer season.



HYACINTHS

Hyacinths should be planted in rich yellow soil about four or five inches below the surface. This method provides a heavy root system before the top pushes through the surface and will produce much better flowers.

If wanted by mail add 1c per bulb or 12c per dozen for postage.

	Each	Dozen
L'Innocence—A very fine, pure white	\$0.20	2.00
Gertrude—Bright, Carmine rose	.20	2.00
Gigantea—Blush pink, shaded darker	.20	2.00
King of Belgium—Glossy deep red	.20	2.00
Grand Maître—Deep lavender blue with darker blue shading	.20	2.00
King of Blues—Dark glossy, indigo blue	.20	2.00
Queen of Blues—Beautiful sky blue silvery sheen	.20	2.00

Single Bedding Hyacinths

If wanted by mail add 10c per dozen for postage.

The following are selected from our first size named hyacinths, but offered in second size bulbs. They are especially adapted for beds.

	Each	Dozen	100
Single White	\$0.15	\$1.50	\$10.00
Single Pink	.15	1.50	10.00
Single Red	.15	1.50	10.00
Single Light Blue	.15	1.50	10.00
Single Rose	.15	1.50	10.00
Single Dark Blue	.15	1.50	10.00

TULIPS

For the Southwest Climate we offer only the late long stem varieties of tulips, as it has been proven that these are far superior to any other sorts grown in our climate. Plant so the tip of the bulb is about three inches under the surface.

	Per dozen	Per 100
Darwin White Queen	\$0.75	5.00
Clara Butt—Bright lilac rose salmon tinted	.75	5.00
Pride of Harlem—Dazzling cerise scarlet	.75	5.00
Gesneriana Lutea—Golden yellow	.75	5.00

NARCISSUS

Plant about four inches deep

Paper white.—These do well in the garden, or in water planted as the Chinese Lily. A bowl of six makes an elegant table decoration. Dozen **75c**, Postpaid **85c**.

Chinese Sacred Lily.—Commonly grown in water but may also be grown in the garden. Each **20c**. Dozen **\$1.85**.

DAFFODILS OR TRUMPET NARCISSUS

Plant four to five inches deep

Emperor.—One of the finest daffodils in cultivation. Entire flower of the richest yellow and very large. Each **15c**, dozen **\$1.50**.

Empress.—A magnificent variety of two colored trumpets. The perianth is white while the trumpet is rich yellow. Each **15c**, dozen **\$1.50**.

Double Nose Von Sion.—Flowers large and of deep golden yellow. Largely used for outdoor planting. Each **15c**, doz. **\$1.50**.

Golden Spur.—One of the grandest daffodils with extra large, rich yellow flowers. Very free flowering. Each **15c**, doz. **\$1.50**.

Poeticus Ornatus

The Pheasant's eye Narcissus, having snowy white perianth and a saffron cup, margined scarlet. One of the most beautiful of the Narcissus. Each **10c**, Dozen **90c**.

JONQUILS

Campanelli Regulosus.—Large, golden yellow flowers. Excellent for bedding. Per dozen **50c**

CROCUS

One of the earliest flowers to open in the spring. The Crocus makes an effective show when planted in masses or where three or four rows are arranged in a border. They are hardy and can be left in the ground several years. Plant about two inches deep. Four colors. **35c** per dozen, **\$2.50** per 100.

RANUNCULUS

Nothing produces a brighter or more gorgeous effect. Plant in borders or beds, setting the tuber's claws down and about 4 inches apart. Cover 1½ inches.

	Per dozen	Per 100
Pure Red	\$0.50	\$3.50
Mixed	.50	3.50

FRESIA BULBS

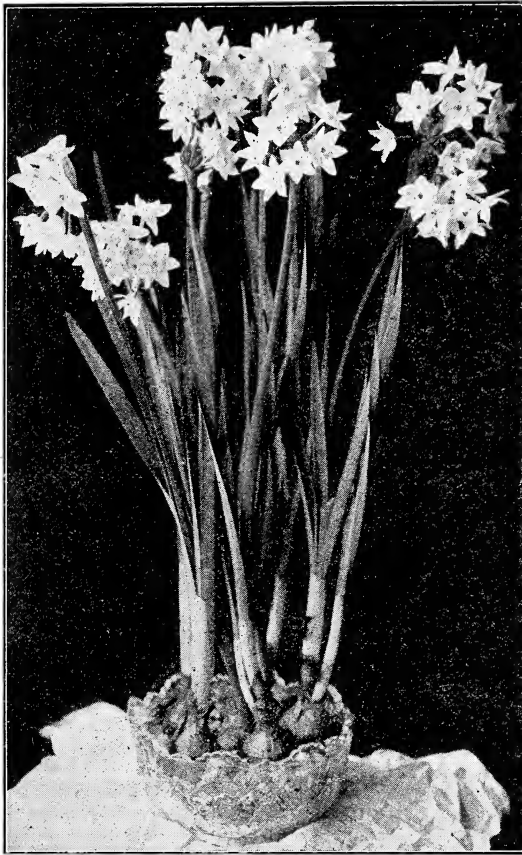
These are well known for their delightful fragrance. They should be potted in September and October, and left outside until about December 1st, after which they may be taken in the house and placed in a sunny window where they will bloom freely. They may also be planted in the garden. Purity **40c** per dozen, **\$3.00** per 100.

OXALIS

Suitable for hanging baskets. Pots, window boxes and borders. Excellent for the school room. Separate colors of white, pink, yellow and lavender **50c** per dozen.

CALLA LILLIES

A well known plant of easy culture. Large Tubers. Each **20c**, 2 for **35c**.



CHINESE SACRED LILY.

Oct. 15th to March 1st.

The kind that friend Chinamen used to give you in the good old days. His never failed to bloom, neither will these.

Put them in the bowl and fill in with pebbles and water, then keep them in a dark cool place for two weeks, after which they should be kept

outside in the open air until they are half or two-thirds grown. They may then be brought into the house without much danger of becoming top heavy or blighting. We have a large importation direct from China this year and they are nice large Bulbs.

Each, 20c; 2 for 35c; dozen, \$1.85.

LILY BOWLS.



Made especially for Chinese Lily Bulbs and Paper Whites. They are shallow with inturned edge, which prevents the bulbs from sliding or tipping over. These bowls are in green finish and very decorative. When they are not in use as a bulb dish they may be used as a flower holder. We have them in several sizes. The 4-inch will hold

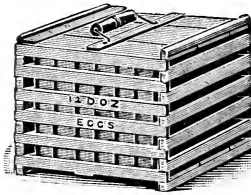
about three Paper Whites, the 6-inch about twelve Paper Whites or six Chinese Lilies, the 8-inch about eighteen Paper Whites, etc.

Price postpaid with an order of Bulbs.

	Each		Each
4-inch.....	\$0.35	6-inch.....	\$0.50
8-inch.....	.85	10-inch.....	1.25

BUY THE BEST—WE DO

POULTRY SUPPLIES



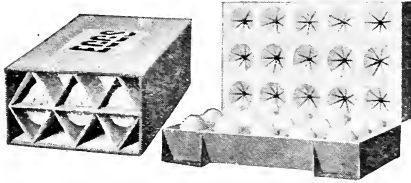
Humpty Dumpty Egg Carriers

Made in sizes to hold 3, 6, 12 and 30 dozen eggs respectively. The best returnable shipping crate on the market and a handy crate to deliver eggs to the market.

Complete with paste-board fillers:

- 3 doz. size, each . . . \$0.75
- 6 doz. size, each90
- 12 doz. size, each . . 1.25

Humpty Dumpty Egg Carrier



Diamond Egg Boxes.—Take no chances on breakage. Be sure of safe delivery. Diamond Parcel Post Egg Carriers will protect you against loss. 15-egg size for hatching eggs, each 40c; 30-egg size for hatching eggs, 60c; one dozen egg size, 40c, postpaid.

Market Egg Cartons.—Heavy Cardboard Cartons holding one dozen eggs. 1 doz. 30c, \$2.00 per 100, 50 at the hundred rate.



Olla Fount. Of porous stone ware, strong and durable. They are popular with poultrymen because they keep the water cool and refreshing; cannot be upset by the fowl and are easy to keep clean. (1 qt. 50c) (2 qt. 75c) (4 qt. \$1.00)



The Most Simple, Practicable and Durable Mason Jar Fount on the Market.

Will fit pint, quart or one-half gallon Mason jar. Manufactured of one piece of non-rusting metal. No parts to come unsoldered. Leaking impossible. Convenient, cheap and sanitary. Provides greater drinking surface than the round fountain. Little chicks can not get drowned. Can be used for feed as well as water. Manufactured in one size only. (Each 20c) (doz. \$2.10).



MOE'S CHICK FEEDER

Great feed saver, as the little chicks cannot get into it and contaminate the feed. Can also be used for water. This is not a novelty, but a practical, well-made feeding device that will last for years. Made of the best grade of galvanized iron in two sizes. (Small, each 35c; large, each 50c.)

GRIT AND SHELL BOX

Made of galvanized iron with three compartments; fitted with hinged lid and strong ball for hanging clear of litter; may be used for grit, shell, charcoal, bone or beef scraps.

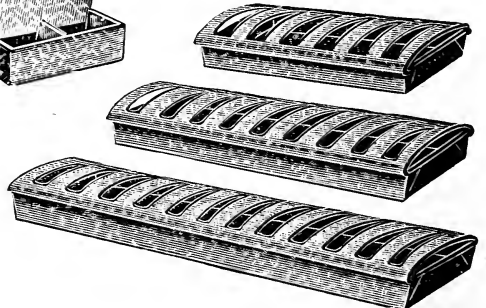
- 2 Compartment, \$.75
- 3 Compartment, 1.45
- 4 Compartment, 1.85



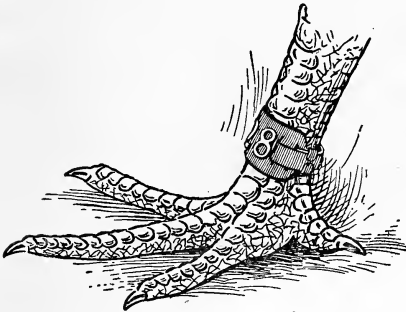
SANITARY FEED PANS

Can be used for feed, wet mash or water. Barred top prevents wasting of feed. Made of the best galvanized iron in three sizes.

- No. 21 12 inches long \$.75
- No. 22 18 inches long 1.00
- No. 23 24 inches long 1.50



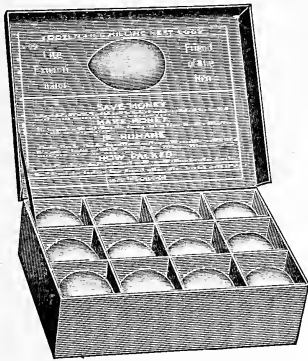
POULTRY SUPPLIES



LEG BANDS

Improved Champion.—Made of aluminum in two sizes; adjustable to fit any fowl. Held by double lock it is impossible for them to be lost. (12 for 15c) (25 for 30c) (100 for 85c).

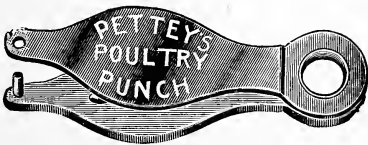
Celluloid Bands.—Made in six sizes and ten colors. Light, durable and will stay where you put them. When ordering, please specify breed of chickens the bands are intended for. (12 for 15c) (25 for 30c) (100 for 85c).



NEST EGGS

Medicated Nest Eggs.—Contain a powerful disinfectant which is guaranteed to expel lice and vermin. (Each 10c) (doz. \$1.10 postpaid).

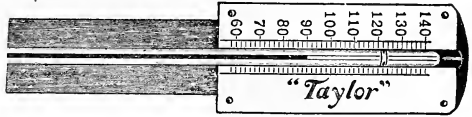
Porcelain.—We handle only the best grade of china nest eggs. (40c dozen).



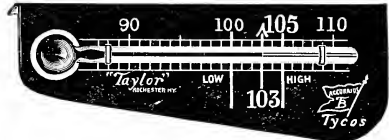
PETTY'S POULTRY PUNCH

One of the most convenient punches made. It is small and easy to operate, cutting a clean hole every time. (Price 30c)

THERMOMETERS

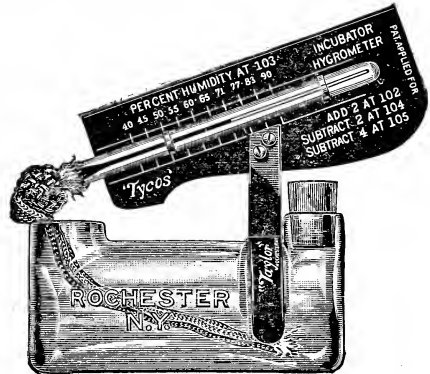


Brooder Thermometer.—When placed in a hole in top of brooder or hover the scale may be read from the outside while the bulb of the thermometer is inside. (Each \$1.50)



NO. 1 INCUBATOR THERMOMETER

Incubator Thermometers.—Many persons using incubators and brooders fail to understand the importance of having a thoroughly tested and reliable thermometer. We have the famous Tycos line which are considered the best procurable. No. 1 Incubator. (Each \$1.25)



Tycos Hygrometer.—The amount of moisture required during a period of incubation varies and should be tested. This may be done accurately with a hygrometer. (Each \$2 25)

POULTRY BOOKS

Call of The Hen, By Hogan	\$2.00
The Plymouth Rocks	1.00
The Leghorn	1.00
How to Feed Poultry for Profit	1.25
Profitable Culling and Selective Stock Breeding	1.50
The Rhode Island Reds .....	.75
Ducks and Geese. Complete Guide to Breeding .....	.75
Standard of Perfection	4.00
Turkeys, Their Care and Management	1.00
Cage Birds .....	.20

BUY THE BEST—WE DO

QUEEN INCUBATORS



HATCH
YOUR OWN
CHICKS
AND
SUPPLY
YOUR
NEIGHBORS

—
YOU WILL
FIND IT
PROFITABLE
AND IN-
TERESTING

FAMOUS FOR BIG HATCHES AND STRONG HEALTHY CHICKS THAT
LIVE AND GROW. HUNDREDS IN USE IN ARIZONA
AND NEW MEXICO

For a dependable hatcher that will operate under varied conditions with uniformly good results the Queen Incubator is unexcelled. Ask for a Queen Catalogue if you want to know more about them before you buy.

No. 1— 85 Egg Capacity.....	\$33. 00
No. 2—135 Egg Capacity.....	46. 50
No. 3—180 Egg Capacity.....	55. 00
No. 4—275 Egg Capacity.....	69. 00
No. 5—400 Egg Capacity.....	83. 00
No. 25—600 Egg Capacity.....	129. 00

STYLE K QUEENS

This little machine is a wonder for the money. It is not so thoroughly constructed as the regular Queen, but it is of California Redwood, has a copper heating system and a special Queen Regulator. It will serve the need of those who want to get into the poultry business on a small scale economically.

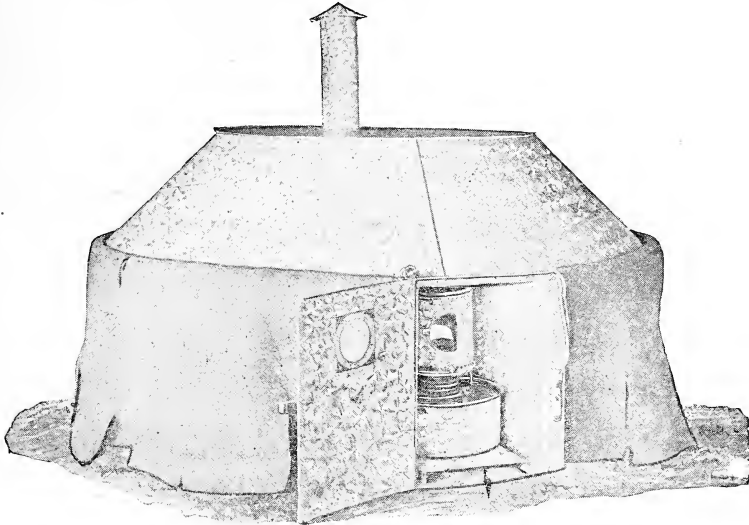
No. 20— 70 Egg Capacity.....	\$22. 50
No. 21—130 Egg Capacity.....	36. 50
No. 22—220 Egg Capacity.....	46. 50

BUY THE BEST—WE DO

BROODERS

QUEEN PERFECTION HOVER

A Real Lamp Hover. Built for 100 to 150 Chicks.



QUEEN PERFECTION HOVER

This Hover is actually built for 100 to 150 chicks. It is larger than the ordinary Hover that is commonly advertised for that many chicks. It is built of heavy galvanized iron and is well made. It supplies fresh air to the chicks without drafts and radiates even temperature. Each \$24.50.

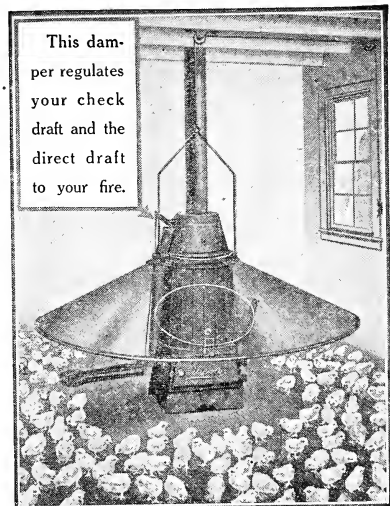
QUEEN COLONY BROODER

This is a New and Improved Design of Brooder Stove

We have studied the Brooder Stove situation in this country for eight years and have come to the conclusion that the coal burner is the most reliable and surely the most satisfactory stove for our climatic conditions. In the first place it is the most economical. Last season we proved by test that the Queen Colony Brooder ran the season on less than half the expense of our oil burning stoves. The great objection to a coal burning brooder stove is the fact that it burns coal, but we have proven to our own satisfaction that the saving in fuel, the absolute reliability and the convenience of the Queen Colony Brooder make it easily the most desirable brooder stove. Brooding chicks in Arizona is a serious problem. So many folks think that because the sun shines seven days in the week in a moderate climate that it is not necessary to make elaborate preparations for brooding, but that idea is all wrong. A chick that gets chilled is a weakling, its growth is stunted and it is subject to white diarrhoea. On the other hand if they are kept warm and growing the loss is very much less and a strong healthy brood is the result. The original investment in a brooder stove may seem large, but if one just stops to think that the loss of 200 chicks in a season will probably cover the original investment and the equipment is still good for years to come.

Good brooding is just as important as good hatching, and the Queen Colony Brooder will do the job right.

- No. 1— 600 Chick Capacity.....\$27. 50
- No. 2—1200 Chick Capacity..... 34. 00



This damper regulates your check draft and the direct draft to your fire.

QUEEN COLONY BROODER

BUY THE BEST—WE DO

POULTRY FOODS AND REMEDIES

BUTTERMILK STARTING FOOD

Raise Every Chick You Hatch

Give them this rich combination of good rich buttermilk, and clean wholesome grains. Feed them nothing else for the first four weeks, then gradually introduce your heavier grains and you will have strong husky chicks.

Buttermilk Starting Food is a very inexpensive chick food, costing about 1 cent per chick. It will give you quick growing chicks that will develop into heavy layers, strong breeders, full bodied market birds—real profit makers. It contains every element that chicks need and is balanced perfectly for the delicate digestive organism. Prices do not include postage or express.

10 lbs.....	\$1.00
25 lbs.....	2.25
50 lbs.....	3.90
100 lbs.....	7.50

CONKEY'S POULTRY REMEDIES

	Small	Medium	Large
Conkey's Roup Remedy.....	\$0.30	\$0.60	\$1.20
Conkey's Roup Pills.....	.30	.60	1.20
Conkey's Cholera Remedy.....	.30	.60	....
Conkey's Gape Remedy.....	.30	.60	....
Conkey's White Diarrhoea Remedy.....	.30	.60	....
Conkey's Sorehead & Chicken- Pox Remedy.....	.30	.60	....
Conkey's Lice Powder.....	.30	.60	....
Conkey's Lice Liquid.....	.50	.90	1.50
Conkey's Head Lice Ointment	.15	.30	....
Conkey's Lice Fix.....	.30	.60	....
Conkey's Poultry Tonic, Pack- ages.....	.30	.60	....
Conkey's Poultry Tonic, 12 lb. pail.....	....	....	1.65
Conkey's poultry Tonic, 25 lb. Pail.....	....	....	3.00
Conkey's Noxide Dip..	.40	.70	1.00
Conkey's Canker Special.....	.60	....	....
Conkey's Bronchitis Remedy..	.60	....	....
Conkey's Limberneck Remedy	.60	....	....
Conkey's Scaly Leg Remedy ..	.60	....	....
Conkey's Laxative.....	.60	....	....
Conkey's Poultry Worm Rem- edy.....	.30	.60	....
Conkey's Poultry Conditioner	.30	.60	....

CONKEY'S STOCK REMEDIES

Conkey's Stock Tonic.....	.30	.60	1.20
Conkey's Stock Tonic 12 lb. Pail.....	..	....	2.25
Conkey's Stock Tonic 25 lb Pail.....	....	....	3.75
Conkey's Fly Knocker.....	.60	.90	1.50
Conkey's Colic Remedy.....	.60	....	....
Conkey's Warming Liniment	.60	....	....
Conkey's Worm Remedy.....	.60	....	....
Conkey's Pain Lotion.....	.60	....	....

POULTRY FEEDS

Poultry Feeds.—We have a full line of Poultry Feeds, such as Bran, Rolled Barley, Laying Mash, Milo Maize, Scratch Feed, Beef Scraps, Wheat, Oyster Shell, Grit, Ground Bone, Charcoal, etc. The market on these items is constantly changing, therefore we do not catalogue prices. If you are interested, please ask us to quote you.

French's Poultry Mustard.—A wonderful laying tonic. ($\frac{1}{2}$ lb. pkg. 75c) (3 lb. pkg. \$1.30) (5 lb. pkg. \$1.90.)

Poultry Pepper.—(Per lb. 35c.)

Powdered Sulphur.—(Per lb. 15c.)

BLATCHFORD'S CALF MEAL

Blatchford's Calf Meal.—The original milk substitute. Matures calves rapidly, making plump, glossy animals. One hundred pounds makes one hundred gallons. (**25-lb. sack \$2.00**) (**50-lb. sack \$3.85**) (**100-lb. sack \$7.50**.)

PEERLESS SCREW WORM KILLER

Peerless Screw Worm Killer.—Will not burn or take the hair off. Kills the worms, seals the wound and keep the flies away. (**Trial Bottle 40c**) (**Large Bottle 65c.**)

CONKEY'S COW SPECIAL

Conkey's Cow Special.—We call your particular attention to this preparation for barrenness, abortion, for cows off feed, etc. We sell it with the absolute guarantee that if you are not satisfied with the results obtained we will cheerfully refund the purchase price. (**Medium size pkg. 60c**) (**Large size \$1.20.**)

BUY THE BEST—WE DO

DOGS, CATS, AND REMEDIES

DOG BISCUITS

A good dog should not be fed raw meat. It is unhealthful. Dog biscuits contain all the nutritious ingredients adapted to the needs of a dog. It is a healthful natural food; good for a dog's teeth, digestion and produces a glossy coat.

MALTOID MILK BONE

Maltoid Milk Bone.—A scientifically compounded and perfectly balanced ration composed of all the good things which a dog enjoys.

- Maltoid Dog Bone**.....Package \$0.45
- Maltoid Puppy Bone**..... " .45

SPRATT'S BISCUITS

- Medium sized Cartons**.....Package \$0.45
- Spratt's Fibo**, for house dogs..... " .45
- Spratt's Cod Liver Oil Cakes**..... " .45

AUSTIN'S DOG BREAD

- Medium sized Cartons**.....Package \$0.45
- 25-pound Sack**..... " 4.00
- 50 " " " " " 7.75
- 100 " " " " " 15.00
- Austin's Puppy Bread**..... " .20

CAT REMEDIES

Free—A Treatise on the Cat by George Clayton.

- Blood Purifying and Cooling Tablets.** For all blood diseases, mange, eczema, etc..... \$0.50
- Canker Lotion Tablets.** For all diseases of the ear..... .60
- Cough Remedy**, for Coughs..... .60
- Diarrhoea Tablet**..... .60
- Digestive Tablets.** For all stomach disorders, for vomiting..... .60
- Distemperine and Distemperine Tablets.** For Distemper..... .60
- Eye Lotion Tablets.** For diseases of the eyes..... .60
- Fit Tablets.** For fits..... .60
- Laxative Tablets.** Acts directly on the liver and secretions..... .60
- Mange Remedy.** For all forms of skin disease..... .60
- Mouth Wash.** For all ulcerated conditions of the mouth..... .60
- Soap**..... .30
- Tape Worm Expeller Tablets.** Will expel the tape worm..... .60
- Tonic Catnip Condition Tablets**..... .60
- Vermifuge (liquid)**..... .60
- Wash and Disinfectant,** kills fleas, disinfects... .30
- Worm Tablets,** will expel worms..... .60

Catnip Mice.—Their object is to afford amusement and benefit the health of cats. In endeavoring the catnip it induces the cat to exercise. If you value kitties health give it a Catnip Mouse. (Each 20c) Postpaid.

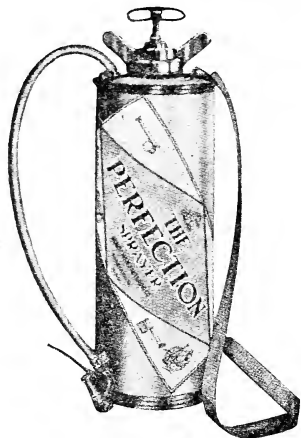
Dog Muzzles.—Made of heavy wire, each 50c.

Leather Dog Muzzles.—For small dogs, each 50c.

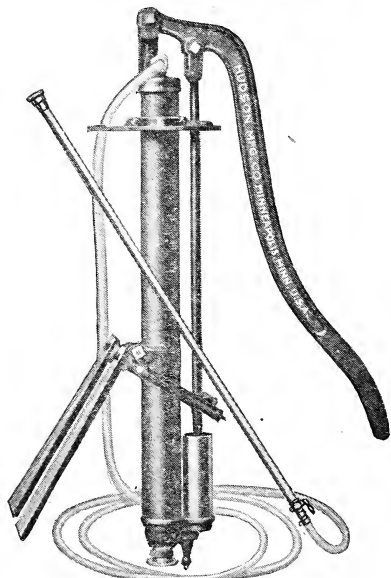


- Blood Purifying Pills**.....\$0.60
- Condition pills with pepsin**..... .60
- Canker Lotion**..... .60
- Canker Lotion (Tablets)**..... .60
- Cough Cure**..... .60
- Ceoline Dog Wash**..... .30
- Ceoline Dog Soap**..... .25
- Condition pills with pepsin**..... .60
- Distemperine**..... .60
- Distemperine Tablets**..... .60
- Digestive Tablets**..... .60
- Diarrhoea Cure**..... .60
- Diarrhoea Cure (tablets)**..... .60
- Dog Soap**..... .30
- Eye Lotion**..... .60
- Eye Lotion (tablets)**..... .60
- Fit Cure**..... .60
- Fit Cure Tablets**..... .60
- Goitre Cure**..... 1.25
- Hair Tonic**..... .60
- Kilfee Soap**..... .30
- Kilfee Powder**..... .30
- Laxative Pills**..... .60
- Mange Cure**..... .60
- Mange or Skin Cure**..... .60
- Puppy Tonic**..... .60
- Rheumatic Tablets**..... .60
- Shampoo**..... .30
- Sulphur Tablets**..... .60
- Tape Worm Expeller**..... .60
- Vermifuge (liquid)**..... .60
- Vermifuge (soft capsules)**..... .60
- Worm Pills**..... .60

SPRAY PUMPS



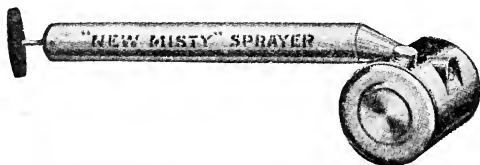
THE PERFECTION



No. 4 BARREL PUMP

No. 4 Barrel Pump.—This Pump is made to fit in a barrel and has ample capacity for two lines of hose. May be put on a sled or wagon. We suggest 20 feet of hose for each line of Fog Nozzles.

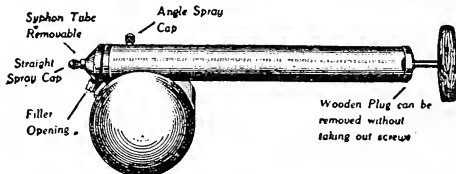
Complete with hose, extension rods, shut-off and nozzle, ready for use, \$35.00.



New Misty Sprayer.—A general purpose Sprayer, for farm, stable or garden uses. Handles fly-oils, bug poisons and disinfectants. Has large powerful pump. Lock seamed can. Made of heavy tin. Tank 4x4½ inches. Length over all 21 inches. Holds one quart. **Price each 75c.**

PERFECTION PUMP

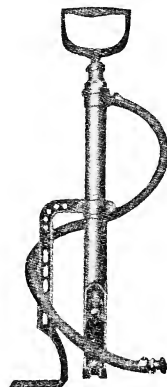
This is one of the best all-purpose pumps made. Hundreds of them are in use in the Salt River valley for garden spraying, whitewashing, coop-disinfecting and many other things. For spraying in the garden we suggest the Perfection, including the extension rod attachment. This enables the operator to spray the underneath side of leaves in melons, etc. Rose-bushes and small fruit trees may be sprayed with the **Perfection** and for all around garden use it will pay for itself in one season. It is equipped with four feet of hose and a three-foot brass extension rod with angle or straight nozzle. (**Price \$13.50.**)



Continuous Atomizer.—This pump operates continuously on the up and down stroke and throws a fine misty spray. Will handle all solutions of insecticides and disinfectants. Capacity 1 quart. (**Each \$1.25.**)

“MODOC” BUCKET PUMPS

The cylinder or barrel is very large size and is made of heavy brass tubing. The plunger, also made of brass tubing, extends the full length of the pump inside the barrel. The plunger is hollow, forming the air chamber which insures a steady flow of liquid and largely increases the pump's capacity. The pump is equipped with 3 feet of ½-inch five-ply pressure spray hose attached with clamps. This pump will throw a straight stream, handle whitewash and other spray liquids with the same nozzle, by simply turning the disc in nozzle. Guaranteed to have a larger capacity than any similar pump. **Price each \$6.50**

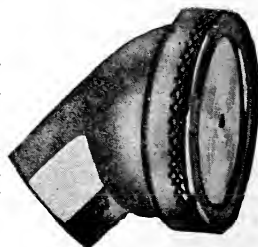


FAVORITE

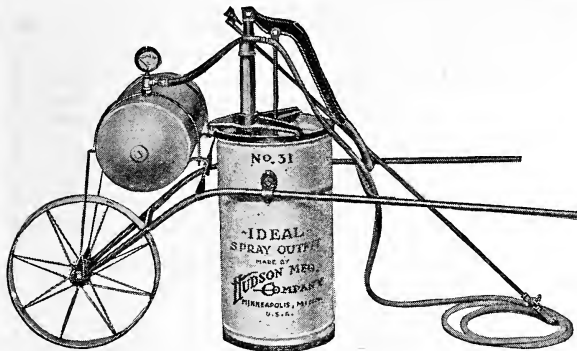
Favorite.—A compressed air sprayer very similar to the Perfection, except that it is smaller, having but 3½ gallons capacity. This pump is not equipped with extension rod. Excellent for use in disinfecting chicken coops and spraying a small garden or rose bushes. (**Price \$7.00.**)

FOG NOZZLE

Fog Nozzle.— For use on the Perfection or any power pump. As its name indicates, it produces a fog spray. ¼-inch connection. Angle or straight. (**Each \$1.00.**)



SPRAY PUMPS



Ideal Outfit No. 31

This outfit is light, compact and easy to operate. The tank holds fifteen gallons, is mounted so that the liquid will not slop or spill, and in a way that makes it easy to handle. The pump spreads across the top of the tank and is held firmly in place by a thumb nut. It has the largest air chamber of any spray pump of corresponding size. This enables the operator to keep a uniform pressure at the nozzle. **Price \$44.50**

GARDEN HOSE

Wingfoot.—Guaranteed 2 years, 3/4 inch couplings, 25 feet **\$5.50**, 50 feet **\$10.00**.

Elm.—Guaranteed one year, 3/4 inch couplings, 25 feet **\$4.00**, 50 feet **\$7.50**.

SPRAY HOSE

We have the special Good-Year moulded spray hose which will stand the high pressure necessary. Can supply this in any length. It doesn't pay to buy cheap spray hose. **Price per foot 3c.**



INSECTICIDES AND POISONS

Poisons cannot be sent by mail.

POISON MIXTURES.—We will furnish on request formulas for any mixture desired in combating insects and plant diseases. Write us fully regarding any difficulty you may be having and we will give you expert advice.

Tree Tanglefoot.—Applied to trees to protect from ants and rabbits. **1 lb. tins 75c.**

Talbots Ant Exterminator.—To be used in the ant hill. **25c, 50c.**

Talbots Roach Exterminator.—**25c, 50c.**

Carbon Bi-Sulphide.—Used to exterminate ants, gophers and weevil. Cannot be sent by mail. Small size, packed for express, **50c**; medium size, **85c**; large size, **\$1.50**.

Arsenate of Lead.—The most effective of all insecticides for spraying purposes. Especially adapted for use on tender plants and foliage. (**lb. can 60c**) (**5-lb. pkg. \$2.50**.)

Atomic Sulphur.—Prevents and cures mildew on peas, roses, beans, grapes, etc. Use no other if you wish results. (**Per bottle \$1.00**.)

Fish Oil Soap.—When used in connection with nicotine solutions it better enables the spray to stick to the foliage. (**Lb. 30c**) (**10 lbs. \$2.50**.)

Black Leaf 40.—A solution of nicotine sulphate containing 40 per cent nicotine. The most highly recommended spray for soft-bodied sucking insects, such as plant lice, thrips, leaf hoppers. (**Small bottle 35c**) (**1/2 lb. \$1.00**) (**2 lb. \$3.25**) (**10 lb. \$13.75**)

London Purple.—Thousands of pounds of London Purple are used each year for the destruction of ants. Dust a small quantity on the hill each time ants are seen to be operating and they will soon be exterminated. (**1-lb. can 45c**) (**5 lbs. \$2.00**) (**10 lbs. \$3.85**.)

Paris Green.—The old reliable destroyer of all chewing insects, such as potato bugs, codling moth caterpillars, etc. (**1/2-lb. 25c**) (**1-lb. 75c**) (**5 lbs. \$3.50**.)

Black Strap.—For use in preparing a poison for grasshoppers and cut worms. (**Per gallon \$1.00**.)

Sulphur—(Powdered) **Per lb. 15c. 10 lbs. \$1.25.**

Tobacco Dust.—For green and black fly, plant lice, etc. Apply when foliage is moist. (**Per lb. 25c**)

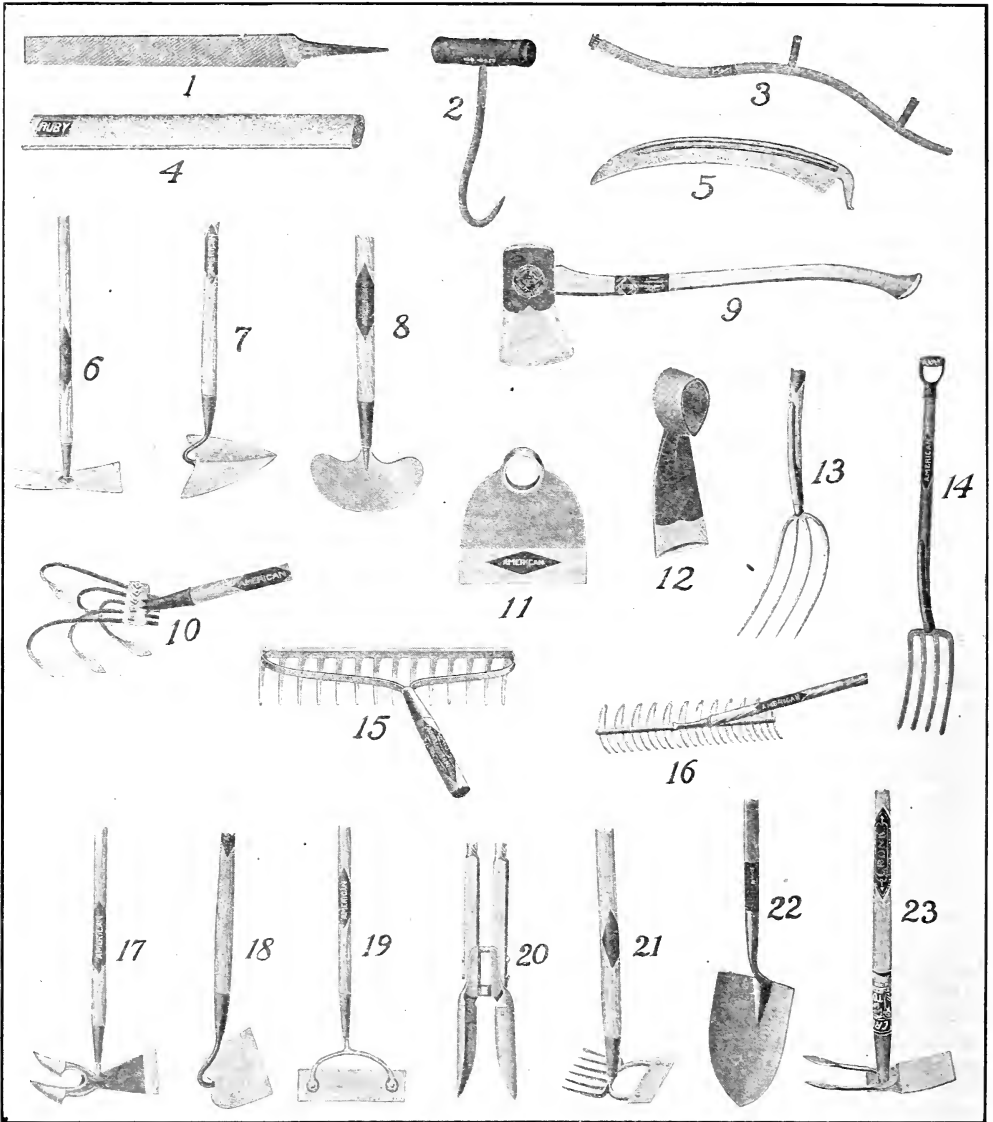
LIQUID SMOKE AND HAM PICKLE

Wright's Ham Pickle and Liquid Smoke cures meat perfectly and imparts the same smoke flavor that is obtained by the old method. They contain the best known preservatives and will cure meats to keep in any climate. One large bottle of Ham Pickle and one large bottle of Liquid Smoke will cure a barrel of meat. This is not a new product. It has been on the market for years. If you have never used it you owe it to yourself to give it a trial.

Ham Pickle, medium size, **\$1.00**; Large size, **\$1.50**; Liquid Smoke per bottle, **\$1.25**.

BUY THE BEST—WE DO

GARDEN TOOLS



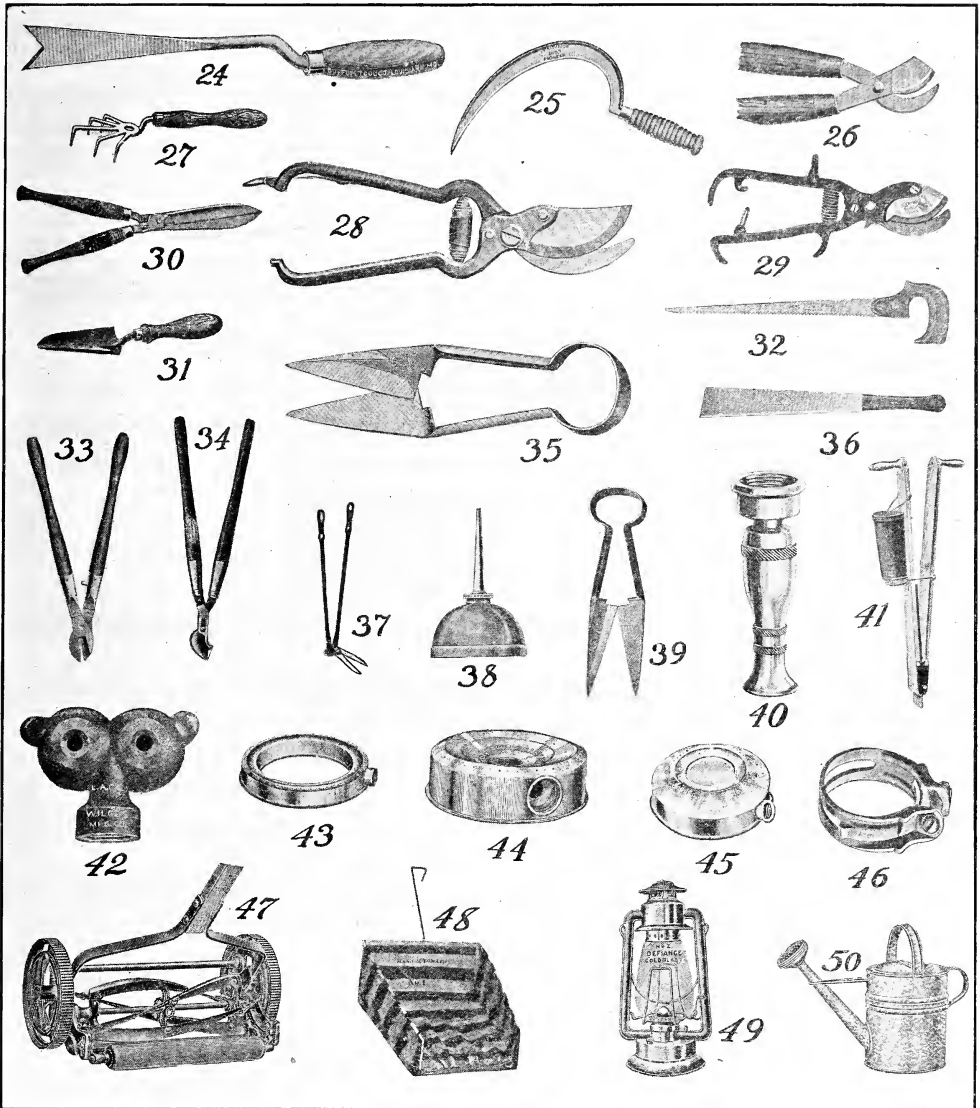
No. 1	File	8" 30c, 10" 45c, 12" 60c
No. 2	Hay Hook, Hand Forged, Each	\$ 2.75
No. 3	Scythe Snathe	2.00
No. 4	Scythe, Stone	35
No. 5	Scythe, Blade Best Material, Each	2.00
No. 6	Two Prong Hoe, Each	90
No. 7	Warren Solid Socket, Each	1.25
No. 8	Turf Edger, Each	1.25
No. 9	Axe and Handle Complete, Each	3.50
No. 10	Five Prong Cultivator, Each	1.50
No. 11	Eye Hoe without handle	1.00
No. 11	Eye Hoe with handle	2.00
No. 12	Mattock without handle	2.00
No. 12	Mattock with handle	2.85

No. 13	Pitch Fork, 4 tine	1.85
No. 14	Spading Fork, D. Handle	2.00
No. 14	Spading Fork, Long Handle	2.10
No. 14	Spading Fork, Highest Grade Steel, D. Handle	3.50
No. 15	Garden Rake, 14 tooth, Best	1.25
No. 16	Lawn Rake	1.25
No. 17	Acme Weeding Hoe	1.40
No. 18	Solid Shank Hoe	1.10
No. 18	Heavy Hoe	1.35
No. 19	Scuffle Hoe	1.35
No. 20	Post Hole Digger	3.00
No. 21	Weeding Hoe	1.20
No. 22	Irrigation Shovel	2.00
No. 23	Weeding Hoe	1.25

We will give customers the benefit of any decrease in prices as same become effective.

BUY THE BEST—WE DO

GARDEN TOOLS



No. 24 Asparagus Knife.....	.75	No. 38 Oil Can, copper plated.....	2.50
No. 25 Grass Hook.....	.60	No. 39 Grass Shears.....	1.25
No. 26 Pruning Shear, long handle.....	2.50	No. 40 Mystic nozzle.....	1.00
No. 27 Excelsior Weeder.....	.25	No. 41 Corn Planter.....	2.50
No. 28 Pruning Shear.....	1.50	No. 42 Twin Spray.....	.85
No. 29 Pruning Shear.....	1.00	No. 43 Brass Ring Sprinkler.....	1.35
No. 30 Hedge Shear.....	2.50	No. 44 Baby Ring Sprinkler.....	.75
No. 31 Steel Trowel.....	.75	No. 45 Baby Fountain Sprinkler.....	1.00
No. 32 Pruning Saw.....	1.50	No. 46 Hose Clamp, 3/4 inch Ideal, Each.....	.10
No. 33 Pruning Shear, Rhodes.....	2.00	No. 47 Lawn Mower, 4 Blade.....	16.00
No. 34 Pruning Shear, Heavy Steel.....	4.00	No. 47 Lawn Mower, 5 Blade.....	24.00
No. 35 Grass Shears.....	.75	No. 48 Grass Catcher.....	2.50
No. 36 Corn Knife.....	1.00	No. 49 Lantern, Cold Blast.....	1.50
No. 37 Lawn Edger.....	3.50	No. 50 Sprinkling Can, two gallon.....	2.00
		No. 50 Sprinkling Can, one gallon.....	1.50

We will give our customers the benefit of any decrease in prices as same become effective.

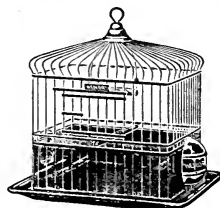
BUY THE BEST—WE DO

BIRD CAGES

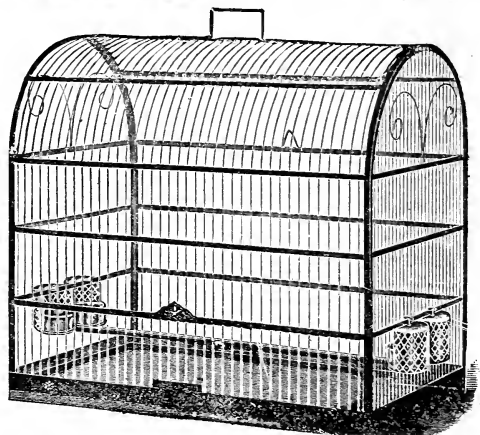
The prices on Bird Cages are F. O. B., Phoenix. If wanted by mail, add 25c for postage.

BIRD SUPPLIES

- Bird Manna.**—Keeps Cage Birds in constant song. Each..... **\$0.15**
- Bird Bitters.**—A tonic for any Cage Bird, bottle..... **.30**
- Red Gravel.**—All birds need gravel strewn in the bottom of the cage, per pkg. postpaid. **.30**
- Orange Color Food.**—To be fed during the moulting season. It darkens the feathers a beautiful orange color, package..... **.30**
- Mocking Bird Food.**—Specially prepared for soft bill birds, package postpaid..... **.60**
- Sunflower Seed.**—Recleaned for parrots, lb... **.25**
10 lbs..... **2.25**
- Parrot Tablets.**—For Polly's ailments..... **.30**
- Mite Powder.**—May be used for any cage birds, package..... **.30**
- Moulting Pepper.**—For the moulting season... **.30**
- Nestling Food.**—For the baby birds..... **.30**
- Merician Salve.**—For swollen and sore legs... **.30**
- Cuttle Bone.**—To sharpen the bill..... **.10**
- Fish Food.**—Per package, postpaid..... **.20**
- Nestling Hair.**—Makes a comfortable nest.... **.15**
- Cage Cups.**—Clear glass or opal, each..... **.25**
- Bird Bath.**—Opal, medium size..... **.30**
- Cage Brackets.**—Heavy and well made, each... **.60**
- Cage Springs.**—Medium weight..... **.40**
- Cage Springs.**—Light weight..... **.30**
- Cage Springs.**—Fancy double coil..... **.60**
- Bird Seed.**—For canaries, package..... **.30**

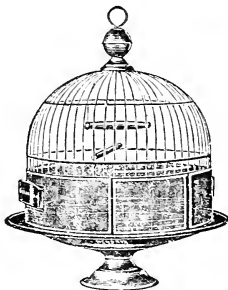


No. 231.—Special brass Cage with or without the screen guards. This Cage is indeed an ornament in any home and one that you will be proud to show your friends. (Price, with Guard, **\$8.00**; without Guard, **\$6.00**.)



Oblong Cages.—For Canaries, Mocking Birds and Robins. These Cages are all-metal and are thoroughly enameled, so that they are absolutely vermin-proof. They have a drawer base that may be pulled out to clean the cage. We stock three sizes. (Prices, **No. 82**, about 16 inches long, **\$7.50**; **No. 84**, about 20 inches long, **\$11.00**.)

No. 674.—Round brass and a very attractive Cage. We can supply this Cage with or without the brass screen guard which is used to prevent seed being thrown out of the cage.



Price, with Guard, **\$9.50**;

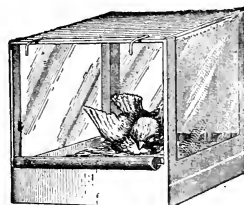
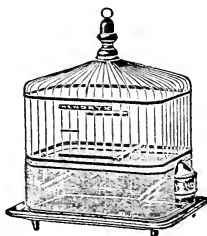
No. 6½.—This style Cage comes in white enamel, ivory or japanned. It is substantially built and is very attractive, being equipped with guard and opal drinking cups.

Prices

- White Enameled..... **\$7.50**
- Ivory..... **7.00**
- Japanned..... **6.50**



No. 265.—A special japanned Cage with a brass-bound guard. Oblong with glass cups. This is a good Cage at a low price. Is neat, attractive and durable. (Price, with Guard, **\$4.50**; without Guard, **\$4.00**.)



Bird Bath House.—To attach to the cage, allowing the bird to bathe every day; three sides glass (Each **\$1.25**)

CANARY BIRDS

Ask for our Bird Booklet.

Canary Birds.—We can supply at all times good Canary singers that are trained from King Bird Rollers. These vary in color and range in price from \$10.00 to \$35.00. We absolutely guarantee our birds and purchasers may within a reasonable length of time exchange any bird that is not satisfactory. Female Canaries \$2.00 to \$3.50, depending on color, breed etc.

Bird Seed.—Our specially prepared bird seed contains only those ingredients best suited for singing canaries. If you have a good singer do not ruin him by feeding the ordinary preparations put up for quantity, not quality. We have made birds a study and know their requirements. Give them our Arizona Bird Seed. (Per Pkg. **30c**) postpaid.

GOLD FISH AND SUPPLIES

Listings on this page are f.o.b. Phoenix and should go by express only. In ordering Aquarium Ornaments, please state the size of your fish bowl.

FISH BOWL AND AQUARIUM ORNAMENTS



No. 616—60c



No. 458—75c



No. 582½—65c]



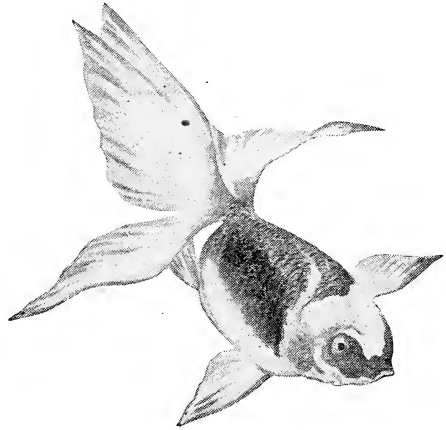
No. 460—\$1.25



No. 455—75c



No. 560—\$1.75



Gold Fish

Ornaments for small bowls, any of which are neat and artistic designs.

	Each
No. 54.....	\$0.35
No. 71.....	.75
No. 75.....	.60
No. 80.....	1.00
No. 91.....	.75
No. 98.....	.85
No. 105.....	.40
No. 106.....	.50

Fish Bowls.—Made from bright clear glass.
(Prices include packing for shipment)

	Each
¼-gallon size.....	\$0.60
½-gallon size.....	1.00
1-gallon size.....	1.50
1½-gallon size.....	2.50
2-gallon size.....	3.00
¾-gallon size, footed.....	2.25
1½-gallon size, footed.....	3.50

Floating Ornaments.—Ducks, Geese and Frogs. These are very attractive as floaters on top of the fish bowl. (Each 35c.) Postpaid.

Gold Fish.—Our first shipment of Goldfish arrives about October 1st., and we have a variety from that time until February or March. We can make express shipments of two or more fish. In ordering please include 35c to cover cost of container and packing.

Japanese Comets.—About three inches long. (Each \$1.00)

Straighttail.—About two inches each 35c, 3 for \$1.00.

Fish Food.—Contains everything that is good for Aquaria Fish. Per package 20c postpaid.

Dip nets.—Gold Fish should not be handled with the hands. A Dip Net will handle them gently. each 50c.

Fish Moss—This pretty and popular plant is the best known oxygen producer. Per bunch 35c.

MISCELLANEOUS



Lily Bowl

Suitable for Chinese Lily or paper white bulbs, also as a cut flower table decoration when flower stand is used in connection. These bowls are in green finish and are very decorative. 5 inch 35 cts. 6 inch 50 cents, 8 inch \$1.00, 10 inch \$1.50. Postage or express extra.

Cut Flower Holder for any of the above bowls. Medium size 35c, large 50c.

Porch Pots

These extra heavy ornamented porch pots are suitable for shrubs of any variety. They add a striking touch to the front yard or porch decoration. 10 inch \$1.75, 12 inch \$2.25.

WIRE HANGING BASKETS

For Asparagus, Ferns, Oxalis or other trailing plants. 10-inch, 90c; 12-inch, \$1.00; 14-inch, \$1.10; Moss for lining wire baskets, per lb., 50c. All by express only.



Jardiniers

Beautifully ornamented jardiniers both of rough and smooth finish. Highly desirable for decorative purposes in the house or for porch decoration. 6 in. ea. 75c. 7 inch ea, \$1.25, 8 in. ea. \$1.50, 10 in. each \$2.00.



Hanging Baskets

Earthenware hanging baskets are especially desirable for Sprengeri ferns. They are very ornamental and a hanging wire with hook is furnished with each basket. 8 inch 85 cents, 10 inch \$1.25, 12-inch, \$2.00. By express or freight.

SAUCERS

	Each	Doz.
4-inch	\$0.10	\$0.75
5-inch	.10	1.00
6-inch	.15	1.50
8-inch	.25	2.50
10-inch	.50	5.00
12-inch	1.00	.....

VASES

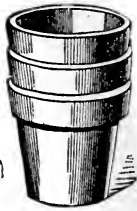
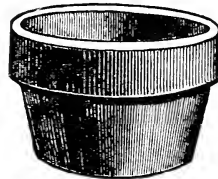
During cut flower season there is a decided need of suitable vases to display flowers in the home. These vases add a touch to the home bouquet.



Rebekah Vase Venus Vase California Vase

	By Express.	Each
Rebekah Vases— 8 inches high	\$.75
Rebekah Vases—10 inches high	1.25
Venus Vases— 6 inches high40
Venus Vases— 8 inches high65
California Vases— 8 inches high70
California Vases—10 inches high	1.00

FLOWER POTS

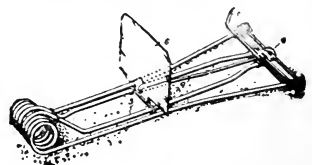


	Each	Doz
Flower Pots— 4-inch	\$0.10	\$1.00
Flower Pots— 5-inch	.15	1.50
Flower Pots— 6-inch	.20	2.00
Flower Pots— 8-inch	.35	.....
Flower Pots—10-inch	.75	.....
Fern Pans—5-inch	.10	1.00
Fern Pans—6-inch	.15	1.50

COTTON PICKERS' SACKS

6-ft., 8-oz. Best quality. Each	.....	\$1.9
7½-ft., 8-oz. Best quality. Each	.....	2.40
9-ft., 8-oz. Best quality. Each	.....	2.90

GOPHER TRAPS



Macabee Traps.—Made of heavy wire and spring. (Each, 25c) (dozen \$2.25).
Box Traps.—Several leading patents. (Each 25c) (dozen \$2.25).
Jumbo Powder Guns.—For dusting hens. (Each, 60c).

PLANTING CALENDAR

FOR FIELD, GARDEN AND FLOWER SEEDS

Since the climatic conditions of Arizona vary to a great extent it would be impossible to formulate a table covering the entire state, therefore we cover here conditions in the Salt River Valley and Southern Arizona elevations to 3000 feet. Elevation to 4000 feet two to four weeks later.

JANUARY

VEGETABLE SEEDS.—Beets, Carrots, Collards, Kale, Kohlrabi, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Radishes, Spinach, Swiss Chard, Turnips, Bermuda, Grass Blue Grass, Rye Grass, White Clover, Cabbage Plants, Cauliflower Plants, Strawberry Plants, Asparagus, Rhubarb Roots.

FLOWER SEEDS.—Cosmos, Gaillardia, Larkspur, Petunia, Sweet Alyssum.

BULBS.—Anemone, Amaryllis, Cannas, Calla Lily, Gladiolus, Spanish Iris, Lily of the Valley, Tuberose, Hyacinths, Tulips, Daffodils, Jonquils, Crocus, Oxalis, Chinese Lily, Freesia, Ranunculus.

FIELD SEEDS.—Alfalfa, Barley, Oats, Rye, Wheat.

FEBRUARY

VEGETABLE SEEDS.—Beets, Carrots, Collards, Sweet Corn, Kale, Kohlrabi, Lettuce, Mustard, Parsley, Peas, Potatoes, Spinach, Swiss Chard, Bush Squash, Tomatoes, Turnips, Strawberry Plants, Bermuda Grass, Blue Grass, Rye Grass, White Clover, Cabbage Plants, Onion Seed, Onion Sets, Asparagus Roots, Rhubarb Roots.

FLOWER SEEDS.—Asters, African Daisy, Cosmos, Balsam, Cockscomb, Evening Primrose, Four-o'clocks, For-get-me-nots, Helichrysum, Kochia, Lobelia, Lupins, Morning Glory, other Vine Seeds, Marigold, Nasturtium, Sweet Alyssum, Petunia, Portulaca, Shasta Daisy.

BULBS.—Anemone, Amaryllis, Caladium, Cannas, Calla Lily, Gladiolus, Madeira Vine, Tuberose, Chinese Lily.

FIELD SEEDS.—Alfalfa, Barley, Oats, Wheat, Set out Fruit Trees and Rose Bushes.

MARCH

VEGETABLE SEEDS.—Asparagus, Beans, Beets, Carrots, Collards, Citron, Cucumber, Cress, Lettuce, Melons, Mustard, Pumpkin, Okra, Parsley, Parsnips, Peanuts, Peas, Onion Sets, Pepper Seed, Pepper Plants, Radishes, Salsify, Spinach, Squash, Tomato Seed, Tomato Plants, Lawn Grass.

FLOWER SEEDS.—Asters, All Vine Seeds, Balsam, Cockscomb, Cosmos, Four-o-Clock, Helichrysum, Kochia, Larkspur, Marigold, Nasturtium, Petunia, Portulaca, Sweet Alyssum, Verbena, Zinnia.

BULBS.—Dahlia, Gladiolus, Madeira Vine, Tuberose, Cannas, Caladium. Set out Fruit Trees and Rose Bushes.

APRIL

VEGETABLE SEEDS.—Asparagus Seed, Asparagus Roots, Beets, Cucumbers, Melons, Peanuts, Pumpkins, Radishes, Squash, Bermuda Grass, Tomato Plants, Pepper Plants, Sweet Potato Plants.

FLOWER SEEDS.—Asters, Cosmos, Hollylocks, Vine Seeds, Zinnia.

BULBS.—Dahlia, Gladiolus, Tuberose

FIELD SEEDS.—Cowpeas, Kaffir Corn, Feterita, Sorghum, Millet, Milo Maize, Soudan Grass.

MAY AND JUNE

VEGETABLE SEEDS.—Cassaba, Pumpkin, Peanuts, Squash.

FLOWER SEEDS.—Cosmos, Morning Glory, All Vine Seeds, Zinnia.

FIELD SEEDS.—Cowpeas, Feterita, Kaffir Corn, Millet, Soudan Grass, Milo Maize, Sorghums.

JULY

VEGETABLE SEEDS.—Beets, Cabbage Seed and Cauliflower Seed, in a shaded bed, Cassaba, Corn, Pumpkin, Squash, Kentucky Wonder Beans.

FLOWER SEEDS.—Cosmos, Zinnia.

FIELD SEEDS.—Bermuda Grass, Cowpeas, Corn, Pink Beans, Milo Maize, Millet, Sorghums, Feterita, Kaffir Corn, Soudan Grass.

AUGUST

VEGETABLE SEEDS.—Beets, Beans, Cabbage, Cauliflower, Carrots, Cucumbers, Onions, Parsnips, Peas, Turnips, Corn for roasting ears.

FLOWER SEEDS.—Cosmos, Phlox, Zinnia, Christmas Flowering Sweet Peas.

FIELD SEEDS.—Millet, Cowpeas, Soudan Grass, Pink Beans to August 10th.

SEPTEMBER

VEGETABLE SEEDS.—Beans, Beets, Cabbage, Carrots, Cauliflower, Cucumber, Kohlrabi, Kale, Lettuce, Onion Seed, Onion Sets, Peas, Radishes, Spinach, Turnips, Lawn Grass.

FLOWER SEEDS.—Ageratum, Mignonette, Freesia Bulbs, Cosmos, Phlox, Nasturtium, Pansies, Sweet Alyssum, Hollyhocks, Zinnias, Christmas Flowering Sweet Peas.

OCTOBER

VEGETABLE SEEDS.—Beets, Cabbage Seed, Cabbage Plants, Carrots, Celery, Cauliflower Seed, Cauliflower Plants, Endive, Kohlrabi, Leek, Lettuce, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Radishes, Salsify, Spinach, Turnips, Lawn Grass

FLOWER SEEDS.—African Daisy, Calendula, Candytuft, Carnation, Centaurea, Clarkia, Coreopsis, Cosmos, Daisies, Globe Amaranth, Gaillardia, Hollyhock, Larkspur, Mignonette, Nicotiana, Nigella, Pansy, Petunia, Phlox, Poppies, Sweet Alyssum, Scabiosa, Stocks, Spencer Sweet Peas, Verbena.

BULBS.—Hyacinths, Tulips, Daffodils, Paper Whites, Chinese Lily, Freesia, Spanish Iris, Calla Lily, Amaryllis, Anemone, Crocus, Oxalis, Ranunculus.

FIELD SEEDS.—Alfalfa, Barley, Rye, Oats, Wheat.

NOVEMBER AND DECEMBER

VEGETABLE SEEDS.—Beets, Carrots, Lettuce, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Radishes, Spinach, Turnips, Cabbage Plants, Cauliflower Plants, Strawberry Plants, Lawn Grass.

FLOWER SEEDS.—African Daisy, Calendula, Candytuft, Carnation, Centaurea, Clarkia, Coreopsis, Cosmos, Daisies, Globe Amaranth, Gaillardia, Hollyhock, Larkspur, Mignonette, Nicotiana, Nigella, Pansy, Petunia, Phlox, Poppies, Scabiosa, Stocks, Spencer Sweet Peas.

BULBS.—Hyacinths, Tulips, Daffodils, Paper Whites, Chinese Lily, Freesia, Spanish Iris, Calla Lily, Amaryllis, Anemone, Crocus, Oxalis, Ranunculus.

Avondale Maize

Record Yield

5600 Lbs Per Acre



TWO WONDERFUL PRODUCERS

Avondale Hegari

Record Yield

4700 Lbs Per Acre

