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Jan 1 1900

THE
HOLLOWAY SEED AND GRAIN
COMPANY.

221 Elm Street,
220 Pacific Avenue.

DALLAS, TEX.

The cut represents a single Plant of Alfalfa, showing how far down the root will go in search of moisture.

ALFALFA.

The best variety for the South, succeeding in almost every situation and bearing a very heavy crop of foliage.

Will bear cutting three or four times a year and stands drouth better than any other clover.

The roots grow down to water, often 15 to 29 feet.

Stock are very fond of it.

It grows and thrives all winter.

We are headquarters for the seed, shipping it in car lots from the growers.

The demand is increasing every year.

We sold over five cars last year.

Price, Bu. . . . \$6.50. \$10.50 100 pounds;
12½ cents pound.

Sow 25 pounds to the acre, in fall or spring. After sowing, the ground should be well rolled.

— OFFICE OF —

— * —

Holloway Seed & Grain Co.,

— * —

221 Elm Street and 220 Pacific Avenue,

DALLAS, :: :: TEXAS.

TO OUR FRIENDS AND CUSTOMERS :

IN presenting to you our Annual Catalogue and Price List, we take pleasure in thanking you for the liberal patronage you have given us and respectfully ask you for the continuance of the same for the future.

Nothing for which money is expended makes so large returns as seeds if they are good. Nothing causes greater vexation than worthless seeds. If you wish to avoid disappointment, do not rely on seeds peddled over the country and sold on commission. The chances are against them vegetating. We send out no seeds on commission.

Having done an extensive seed business in Texas, Louisiana and Oklahoma for over a quarter of a century, we know more and can advise our customers better in regard to the kind of seed best adapted to our soil and climate than any of the Eastern seed houses. We test all our seeds and take every precaution by personal supervision, that all seeds sent out by us are reliable, fresh, and true to name. At the same time, we give no warranty in any respect and will not be responsible for the crop. If the purchaser does not accept the seeds on these terms, they must be returned to us and money will be refunded. Our prices will be found as low as any reliable seed house. We guarantee our weights and measures to be accurate.

Our vegetable seeds are shipped direct to us from the largest and most reliable growers in California.

Our Onion seed is raised for us in St. Claire County, California and have proved superior to Northern raised seed. We have scores of letters from the largest onion growers in this and adjoining states who have tried both, and say that they will have none but the California grown seed, as they grow larger and quicker and are better keepers than Northern grown seed. Scores of our customers write us they raised from 300 to 500 bushels to the acre when others who used Northern seed made a failure. It is a mistake of the people in the South to think they have to send North for seed. Many have found this out at a great expense to themselves and are now placing their orders with us for next year's seed. We carry the largest and most select stock in the South.

We are headquarters for Alfalfa Clover Seed, shipping direct from the growers in Colorado and California in large quantities. Our Sorghum, Millet and Kaffir is shipped to us direct from the growers and every bushel is re-cleaned seed and free from Johnson Grass and other injurious weed. Market price.

We carry a full line of grass seed at all times. Our Bermuda we ship direct from the Bermuda Islands, and flower seed we ship direct from Europe, and sell in bulk. Flower seed after they are one year old are worthless. Always ask for bulk seed.

Our firm is the oldest and largest of the kind in Texas and the honest representation made of the seeds offered is appreciated by customers who became familiar with our establishment years ago, their recommendations annually bring us new patrons.

TERMS OF SALE: CASH WITH ORDER.

Remittances may be made at our risk by draft, money or express order or registered letter. We furnish all seed at the price on the following list, postage paid except peas, beans corn, onion sets and other heavy seeds. For all heavy seeds, add 8 cents per pound for postage. Seed ordered by express should give full shipping directions to save delay. When ordering by freight be particular to give name of the road you want them shipped on.

When making out your order be careful to give name and address on the inclosed order sheet, and full shipping directions. We give a discount of 5 per cent on all garden seeds when the order is accompanied by the cash.

A confidence exists between the people and our seeds. An acquaintance and experience of over a quarter of a century of mutual service, employment by us of every known means to give purchaser tested seeds of the highest quality at the lowest price at which they can be produced and sold, certify that patrons not only get the best seeds that grow, but an assortment of varieties it pays to grow in the Southern States.

.. JERUSALEM ARTICHOKES ..

Artichoke Jerusalem.

Yield 500 bushels to the acre.
Plant any time from January to April.
Plant three bushels to the acre in
rows three feet apart, same as Irish
Potatoes. The greatest feed for hogs
ever known.

Price, per bushel,.....\$1.25

ASPARAGUS.

This favorite vegetable should be planted in every garden and no garden is complete without it. No vegetable does better, none needs less work. Plant three year old roots in January or February. Ground should be well worked, and rich. Sandy ground is preferable. Dig trenches one foot deep, cover with sand and a topping of well rotted manure.

Price, per 100, \$1.00.

EARLY DWARF BLACK WAX BEANS.

One of
the finest of
snap beans
This is an
entirely
new bean.

A strain
from the
old favorite
black wax.
Much earlier
and more
productive
Pods round
and a rich
golden
color.

Price, per pt.15 cts. Per qt.25 cts. Per peck....\$1.50. Per bu....\$6.00.

.. RUSTLESS .. GOLDEN WAX.

This bean is an improvement on the golden wax. The pods are larger and thicker and absolutely rust proof, and out yield the golden wax two to one in the past season. The kind offered by us is known as the Grennell Improved Rustless Wax.

Price, qt. 25c. Pk. \$1.50

Bushel.....\$6.00

YELLOW SIX WEEKS BEANS.

This is the earliest six week bean that grows. Plant in March and April.

Price, per quart,25 cents. Per bushel,.....\$6.00.

Beans=Running.

Lazy Wife and Crease Backs—Crease Back Pole Bean.

This well known variety is highly esteemed in the South. It is the most productive pole bean grown. It is entirely stringless and distinctly creased along the back, hence the name. It is very early in ripening, long before any other pole bean.

Price, qt....30c. Pk....\$1.75 Bu....\$6.50

.. BEETS==French Sugar ..

This variety is planted very extensively for stock, and contains a very large percentage of sugar. Grows of a good size and producing 500 bushels to the acre.

Price, per lb. 40 Cents.

1. BASTIANS EARLY BLOOD TURNIP.
 2. EARLY EGYPTIAN BLOOD TURNIP.
 3. LONG DARK BLOOD.
 4. EARLY BLOOD TURNIP.
 5. EARLY ECLIPSE.
 6. D.M.F. & CO'S HALF LONG BLOOD.

Norbitian Giant This Wurzel grows to an enormous size, often weighing 50 pound each. It is used extensively by stock men for winter feed. Plant seed in March, in rows three feet apart, five pounds to the acre. Price per lb. 30 Cents.

BRUSSEL SPROUTS A very desirable vegetable requiring no special culture different from cabbage, and deserving of a more prominent place in every garden. Sow in spring and transplant like Cabbage.

Green Scotch Kale.

BORECALE, or KALE.

This variety is known as Curley Greens, or Kale.

Can be sown like Cabbage, Spring and Fall, and transplanted. They will continue to grow all winter.

Price, per oz.....10 Cents.

“ “ lb.....\$1.00.

CABBAGE--All Season.

This variety of Cabbage is planted very extensively for fall and winter use. It matures in about ninety days and is a sure header.

Price, per oz.....15 Cents.

“ “ lb.....\$1.50.

Early Winnigstadt .. Cabbage

This desirable variety produces heads twice as large as the Early York, and very solid and just as early and a general favorite in the South with market gardeners. Price, per oz.....15 Cents. Per lb.....\$1.50.

EARLY JERSEY WAKEFIELD.

.. Early Jersey Wakefield ..

Each year this variety is becoming more popular, and its demand is greater. It has been grown extensively by the gardeners in the South and is the earliest Cabbage that grows, and never fails to make a crop in the South.

Price, per oz.....15 Cents.

“ “ lb.....\$2.50.

The Faultless Cabbage.

THE FAULT- LESS.

This variety resembles the early Flat Dutch, but grows larger and a sure header.

Oz 15c
Lb. \$1.50

Early Drum Head

A large second crop Cabbage, very compact, hard head and a good seller. Oz.....15c. Lb.....\$1.50.

EARLY

" PEERLESS

This Cabbage grows very large and firm, follows the Early Jersey Wakefield in heading.

Price, per oz..... 15 Cents.

" " lb.....\$1.50.

CUCUMBERS == Early Frame

Early Frame, the earliest Cucumber grown, of delicious flavor and color. Used by market gardeners for early market. Per oz..... 10c.

.. CUCUMBER ..

Early White Spine.

This variety is the earliest and most productive Cucumber that grows. It is not only the earliest, but produces Cucumbers of the finest form and most salable size for shipping purposes.

Price, per oz.....10 Cents

“ “ lb.....\$1.00.

Long Green A Cucumber well known, of excellent flavor and color, very early and a good shipper.

Early Cluster The best variety for pickling, abundantly bearing in large clusters and of a pickling size. Oz.....10c. Lb.....\$1.00.

CARROTS

.. LONG ..

ORANGE CARROT.

A coarse growing variety, generally grown for stock feeding. It is of an Orange color and very productive.

Price, per lb....50 cents.

CARROT--Stump Rooted. A splendid variety for table use. Good shape and a fine flavor.

CARROT--Ox Heart. A large short Carrot suitable for stock feeding. Price, per oz.....10 cents.

DANVERS--Half Long Scarlet. An intermediate or half long variety, stump rooted, of handsome form, of bright Orange color and very productive. A very desirable kind for market gardeners. Price, oz.....10c. Lb.....\$1.00.

WHITE BELGIUM CARROT. This Carrot grows to an enormous size, and very sweet. Cattle like it better than any other kind. It is also good for table use. Price per oz.....10c. Lb.....75c.

CORN = Sugar = The Cory.

This Corn will produce ears for boiling in fifty days from planting. It has a larger kernel than other varieties. Our stock comes from Mr. Jos. Cory, the originator. Price, per qt.....15c. Per bu.....\$3.00.

COUNTRY GENTLEMEN-- This variety, for all purposes, is the best sweet Corn that grows. It produces from three to four ears to the stalk. It is of delicious flavor and is without doubt the sweetest of Sugar Corns.

Price, per qt.....15c. Pk.\$1.00. Bu.....\$3.50.

.. STOWELL'S EVERGREEN ..

STOWELL'S EVERGREEN.

This is the most popular of all varieties and is used either for canning or table purposes. Very prolific.

Qt..... 20c.
Bu\$3.50.

MAMMOTH SUGAR CORN.

The largest of all the Sugar Corn varieties, producing ears of mammoth sizes, very productive, sweet and tender and of a delicious flavor.

POP CORN - QUEEN'S GOLDEN.

This variety is grown quite extensively in the South, and is very prolific.

Price, qt 10c.

“ bu .. \$2.00.

WHITE RICE This kind is the best to raise for the market and always sell higher than any other kind. Price, qt 10c. Pk 50c.

FIELD CORN.

Early Golden Beauty

with from ten to fourteen rows of staright golden yellow grains of remarkable size, and filled out to the extreme end of the cob. The fine quality of the grain makes it very superior for grinding into meal. It cannot be recommended too highly. Our seed is grown for us in the North and is pure, matures in ninety days.

Qt....10c. Pk....50c. Bu....\$1.50.

EARLY WHITE PEARL.

This is the earliest of all white field corn, and produces larger and finer ears on an average year.

Will make 100 bushels to the acre.

SILVER MINE.

This is without exception the earliest and most prolific corn grown, often producing 100 bushels to the acre. Will mature in 85 days. Price, pk.50c. Bu.\$1.50.

White Hickory King.

The great feature of this corn is the large grain and the small cob; so large are the grains that if a cob is broken in two one grain will cover the end of the cob.

Price, pk.50c. Bu.\$1.50.

Kansas Sunflower.

This corn was planted in Texas last year extensively and proved to be the corn for Texas. A number of our customers raised 100 bushels to the acre. Matures in 90 days and the ears are of uniform shape and a fine golden color.

Pk 40c. Bu.\$1.25.

Golden Beauty.

One of the reliable kinds to plant for a general crop. Matures in 100 days.

Yellow Golden Dent.

This is the earliest yellow corn that grows and very prolific. Bu.\$1.50.

Yellow Giant Gourd Seed Corn

This celebrated corn produced over 120 bushels to the acre, near Dallas last fall, and is the finest yellow grain corn that grows. Bu.\$1.00.

White Gourd Seed Corn, same as the yellow in quality. Bu.\$1.00.

KAFFIR

CORN.

Kaffir—A non-sacharine Sorghum that has been extensively grown and found a very valuable fodder for stock, and produces an enormous amount of seed and never fails to make a crop.

Price, per bu.....\$1.00.

Requires one peck to the acre.

Broom Corn--Missouri Evergreen,
Dwarf Evergreen
and Tennessee Evergreen.

EGG PLANT,

New York Purple.

This variety is grown very extensively by all market gardeners in the South.

Seed is difficult to germinate. It requires a very strong heat to greminate.

Sow in hot beds early in spring and transplant in April, twenty inches apart.

Oz.....25c. Lb.....\$2.50.

HORSE RADISH. The quickest way to get a good stand is to plant cuttings early in January, four inches apart and four inches deep, then cover with two inches of rich soil or sand. Doz....10c. Per 100....50c.

New York Purple

WHITE STAR.

This is without doubt the finest lettuce that grows.

Forms a close, compact head, grows large, and one of the finest shippers. Used extensively by market gardeners.

Price, oz....10 cents. Lb....\$1.00.

.. LETTUCE ..

Denver Market.

This variety has been only recently introduced.

Quite a favorite with market gardeners.

Forms large solid heads and very slow to go to seed.

Very crisp and tender and of excellent flavor.

.. Musk Melon ..

Texas Cannon Ball Cantaloupe.

This famous melon originated in Texas. It is perfectly round and of a very fine flavor. It has no equal.

It is sweet and luscious and of a dark rich Salmon color.

One of the best shippers.

Price, oz....10 cts. Lb....\$1.00.

ROCKY FORD.

This celebrated melon originated at Rocky Ford, Colorado, and is of a very fine flavor, and one of the best varieties for shipping.

Our seed is pure.

Oz. 10cts. Lb. \$1.00.

✧ PAUL ROSE ✧

This celebrated melon originated in Georgia. It is a cross between the Netted Gem and the Osage. It is a Salmon flesh color and very sweet, and one of the finest Cantaloupes that grow. Fine shipper.

Lb. \$1.00.

WATER MELON==Black Diamond.

This melon was raised in Texas last year for the first time, and without exception the finest and largest melon that grows. They sold in this market last year at 50 cents each when other varieties were selling at 5 cents each. They are of a very dark green color; flesh red; seed black; grow from 50 to 100 pounds each. It is a cross between the Kolb Gem and Hoosier King. As a shipper it has no equal. These melons sold in the Northern market at \$50.00 per car higher than any other variety.

Price, oz.....10 cts. Lb.....\$1.00.

Triumph Water Melon.

This celebrated melon originated in Georgia and is without doubt the largest melon grown.

Our seed is direct from the grower and as a shipping melon it is one of the best.

Price, lb.....\$1.00.

Improved Kolb Gem.

This is an improvement of the old Kolb Gem. The meat is of a richer red, and ripens about a week earlier than the old Kolb Gem and a heavier yielder.

Price, lb.....50 cents.

McIver Wonderful Sugar Melon

This is without doubt the sweetest melon grown. The melon grows oblong, resembling the rattlesnake in shape, attaining great weight, and of a very handsome appearance. Never cracks or loses its fine flavor in the wettest season. It is very productive and will take the lead wherever known. Lb...\$1.00.

MUSTARD==Chinese Southern Curled.

It is highly esteemed for salads, particularly in the South. The leaves are twice the size of the ordinary mustard; flavor sweet and pungent. Oz.10c. Lb.75c. Creole Mustard, 75 cents per pound, White Mustard 25 cents per lb.

OKRA== Lady Finger, White Velvet, Large White, Dwarf White.

ONIONS == Giant Prize Taker.

This is the money maker for Texas farmers. Scores of farmers made little fortunes raising this onion last year. This is the onion that matures from seed in 90 days. Thousands of bushels were shipped from Texas to the Northern markets last year. In an average season they produce from 300 to 500 bushels to the acre. Seed should be planted in March and April at the rate of 4 pounds to the acre. Drill in rows two feet apart. Oz. . . .15c. Lb. . . . \$1.40.

Silver King.

This is a grand Onion. It is a mammoth grower, of a beautiful white color and grows very large, and a fine keeper. Lb...\$1.50.

Our seed is raised under contract for us in the celebrated St. Clair Valley, California. Hundreds of farmers and gardeners who tried them last year will testify to their quality and superior keeping qualities and flavor; of enormous size, often weighing from two to three pounds each.

Oz. 15c. Lb...\$1.50.

California Early White Globe.

This is a very handsome onion, of splendid quality, a good keeper and very productive. The best kind for early green onions from seed, maturing as early as the setts.

Lb.....\$1.50.

Large Globe Danvers.

This is a very popular variety, a good shipper and a good keeper. It produces from 200 to 300 bushels to the acre. Oz ..15c. Lb...\$1.50

Large Red Wethersfield Onion == This onion is a favorite with market gardeners for a main crop, very productive and one of the early varieties. Oz.....15c. Lb.....\$1.25.

LARGE RED GLOBE.

This onion was planted very extensively in Texas last year and is the best of the red varieties, being of rich flavor and growing very large; it is the best shipper of the red varieties; thousands of bushels was raised around Dallas last year and sold at \$1.00 per bushel. This seed is raised in the St. Clair Valley, California, and only requires three pounds to the acre to make a full crop. Northern raised seed require six pounds to the acre and do not grow more than half the size of onions raised from California seed.

Oz.....15c. Lb.....\$1.50.

Mammoth Red Victoria.

This celebrated onion was raised extensively in the South last year and proved a very profitable onion to raise, producing 300 bushels to the acre; skin is dark blood red, flesh white and grow very large. Oz.....15c. Lb.....\$1.75.

Onion Setts.

Our onion setts are raised for us in Kentucky and are superior to Western grown setts. All are selected and true to name. Price on application. White Silver Skin, El Paso, White Pearl, Red Bermuda, Red Wethersfield, Yellow Danver, Prizetaker, White Potato, Winter Shallots or Multipliers, Genuine top or Button Onion Setts.

PEAS=Early Morning Star.

This pea is planted extensively by the market gardeners in the South and is the most productive early pea that grows. Plant in January, February and March. Qt.....25c. Bu.....\$4.00.

Royal Dwarf Marrowfat Pea. This is the best of the large White Marrowfat, and far more productive, producing pods of much larger size.

Qt.....20c, Bu.....\$3.50,

Bliss, Everbearing Pea. A second early wrinkled pea, grows about two feet high, producing small vines from the stem which continue producing a succession of crops. Peas are of a large size and fine flavor, Qt..25c, Bu..\$4.00,

Champion of England. A green wrinkled variety. Second early pea, very productive and fine flavor and a large producer. Grows about three feet high.

Qt.....25c. Bu.....\$4.00.

PEAS==First and Best = This is the earliest and best of all extra early varieties; it ripens up uniformly and is very productive.

Nott's Excelsior. A very popular dwarf pea, producing a profusion of long handsome pods well filled with large fine peas of excellent quality; grows about 12 inches high. Qt.....25c. Bu.....\$5.00.

Alaska, or Earliest Pea. This beautiful blue variety and the earliest of all blue varieties is being planted extensively for an early crop by the market gardeners. The vines are dwarf, only growing about 15 inches high; very uniform and excellent quality. Qt.....25c. Bu.....\$4 50.

Ruby King.

PEPPER Red Cherry, Red Chile, Yellow Chile, Long Red Cayenne, Celestial, Golden Dawn, Sweet, Sweet Mountain, Sweet Bull Nose, Ruby King Pepper; an improved American kind, reaching the largest size, yet retaining the symmetrical shape of the smaller sort; it is a very sweet pepper, of a mild flavor and bright color. One of the best for stuffed pickles. Oz.....20c. Lb.....\$2.50.

Pepper should be planted in a hot bed in February and transplanted in March and April in rows two feet apart.

PUMPKINS.

Large Mammoth, Kentucky Field, Connecticut Field, Tennessee Sweet Potato, Quaker Pie. Plant in March and April.

RADISH = White Tip. This is a very early variety and of medium size, of excellent flavor and a very handsome appearance; color deep scarlet with white tip; a great favorite with market gardeners.

Oz....5c. Lb....60c.

Early Scarlet Turnip Radish. The standard early turnip radish, mild and of a fine flavor. Oz....5c. Lb....60c.

EARLY SCARLET TURNIP WHITE TIP—FORCING.

Scarlet Globe Turnip Radish. This variety is the best for forcing and market gardening purposes; shape roundish oval, skin red. Oz....5c. Lb....60c.

White Vienna. A large showy, white half long sort; very rapid grower, often maturing in six weeks; the best summer radish that grows.

Oz....5c. Lb....60c.

Long Chartier Radish. Different in appearance from any other; it is a fine radish and a favorite with market gardeners for spring and fall planting; color, deep scarlet with white tip.

Oz.....5c. Lb.....50c.

RHUBARB--Large roots 15 cents each, \$1.00 per doz; seed \$1.50 per lb. Directions for planting: put the roots in the ground one foot deep, cover up with rich soil with a top dressing of manure. Plant in January and February.

SALSIFY, OR VEGETABLE OYSTER--Mammoth Sandwich Island, Black Salsify. Sow early, in drills and thin out to 4 inches apart; roots hardy; fine winter vegetable. Oz.....10c. Lb.....75c.

SPINACH--New Zealand, Bloomsdale, Prickley, or Winter, Long Standing, Savoy Leaf. The Bloomsdale is considered the best for the South, and grows all winter; plant in drills one foot apart; plant in spring and fall. Oz..5c. Lb..40c.

LEONARD'S MAMMOTH BUSH SCALLOPED.

SQUASH - White Bush, used extensively by market gardeners, considered the best for the South; plant in March. Oz..5c. Lb..50c.

Yellow Crook Neck—Quite a favorite, a good seller. Oz..5c. Lb..50c.

Hubbard—A fine variety, very prolific, a good seller, grows very large, is a good keeper.

White Crook Neck—This squash is planted for winter use and is a fine keeper.

Oz...5c. Lb...50c.

TOMATOES.

Ponderosa. This variety grows to an enormous size and is considered one of the finest tomatoes that grows.

Oz..25c. Lb..\$2.50.

The Non Plus Ultra
The best tomato in the world for an early tomato; it ripens ten days before any other; the color is bright red. It is very productive,

ripe and out of the way before other kinds are ripe. Oz....25c. Lb....\$2.50.

Buckeye State=A mammoth growing tomato of smooth form and extra quality; the largest fruited variety yet introduced and the most productive. Oz.....15c. Lb.....\$2.00.

Yellow Pear Tomato. This is the tomato grown for preserving; it is very prolific and continue to bear until frost. Oz.....25c. Lb.....\$2.00.

Leonard's Earliest Tomato in the World. The best and smoothest of all extra early varieties; all gardeners should plant these for first crop. Oz..25c. Lb..\$2.50.

Dwarf Champion. This is the favorite with market gardeners for a general crop, and the most prolific, also one of the earliest, and used for shipping very extensively; rich color and fine flavor. Oz....15c. Lb...\$1.50.

Acme. The favorite with gardeners for an early general crop and a good shipper. Oz ..20c. Lb....\$1.50.

TURNIPS--Strap Leaf. This is one of the best kinds, and planted extensively for a fall crop.

Oz....5c. Lb 30c.

Purple Top Milan. This is the earliest in cultivation, two weeks earlier than Strap Leaf; flesh hard, white, and of a fine quality and an extra good keeper. Oz....5c. Lb....50c.

Amber Globe, Yellow Aberdeen, Ruta Baga, Flat Dutch. All varieties at market price.

Our mixed lawn grass for lawns and pastures keeps green the whole winter. Lb. 20 cents. Plant two bushels to the acre, bushel, \$2.00.

Rescric. This grass makes a permanent pasture and grows all winter; the best winter pasture for the South. Lb....20c. Bu....\$2.00.

FARM SEEDS= Royal Victoria Oats.

This celebrated oat produced 100 bushels to the acre last year and is rust proof. Pk....75c.

Genuine Texas Rust Proof Oats. This is the best kind for a general crop, often produces over 100 bushels to the acre. Bu....50c.

WHEAT.

Little May, Beardless, Fultz Improved, Mediterranean Bearded, Spring Wheat, Blue Stem, Velvet Chaff, Nicaragua, Bu....\$1.00.

BARLEY.

Winter Barley, Bu.....	\$ 60
Beardless, Bu.....	1 00
Spring Barley, Bu.....	75
Highland Chief, Bu.....	75

RYE.

Winter and Spring Rye, Bu.....	\$ 1 00
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CLOVER.

Red Clover. Sow in fall or March at the rate of 15 pounds to the acre. Bu....\$6.00.

White Dutch Clover. This clover is planted in parks and lawns; does well mixed with English Blue or Kentucky Blue Grass and grows well under shade trees. Lb....20 cents. Requires 25 pounds to the acre.

Burr Clover. This clover is raised extensively in California, and does well in the South. Lb....20c. Requires two bushels to the acre; plant in fall. Alsike and Espersette at market price.

Royal Victoria.

"PLANET JR." No. 11

Double Wheel Hoe,
Cultivator, Rake
and Plow.

Price, \$

Planet Junior, Garden Tools. Planet, Jr., Plain Drill No. 2. This tool is known the world over and is the most perfect drill made. It holds $2\frac{1}{2}$ quarts of seed and sows in a regular stream; it is very simple, no cogs, belts or gearing of any kind. Price,

Planet, Jr., No. 4, Combined Hill and Drill Seeder. This tool combines a hill dropping seed, a perfect drill, single wheel hoe, a rake and plow; it is thrown out of gear by simply raising the handles. With this implement a farmer can work all his small crops. Price,

No. 12, Double Wheel Hoe, Cultivator and Plow. A gardener cannot do without this tool, as it saves the work of three men, doing it quicker, better and more satisfactory. It is light strong, and easily adjusted.

Send for special list for the full assortment of Planet, Jr., gardening tools. Mailed free.

SUNDRIES, OR MISCELLANEOUS.

Teosinta, a valuable forage plant, \$2.00 per 100. Fertilizers, Tobacco Dust, Bone Meal, Pulverized Oyster Shell Tobacco Stems, Kaffir Corn, Dhoura Corn, Milo Maize, Jerusalem Corn, Silver Hulled Buck Wheat, Japan Buck Wheat, Broom Corn, Dwarf and Missouri Evergreen, Magic Stock Food, Royal Insect Powder, the best made, California Burr Clover.

Australian Salt Bush; it grows on land where no other vegetation will grow, and will produce 20 to 30 tons of green nutritious food per acre, specially adapted to dry regions.

Chufas. The nuts resemble almonds in taste and are very fattening for hogs and poultry and grows in great quantities. Seed should be soaked before planting.

Peanuts, Spanish. This variety is smaller and sweeter than the Virginia and are easily harvested.

Peanuts Virginia. This is the large common variety of the South and a very profitable crop.

Bird Seed. Hemp, Rape, Canary, Millet, Maw, Cuttle Bone, Mocking Bird Food.

PLANTS.

Straw Berry, Rhu-
barb, Asparagus,
Cabbage, Tomatoes,
Sweet Potato, Pep-
per, Egg Plant, Vio-
let Sweet English,
Black Berries, Rasp
Berries, Dew Berries
Goose Berries,
Grapes.

TOBACCO SEED.

Tobacco. Our Tobacco seed is giving the greatest of satisfaction wherever planted. We import this seed from the largest growers of Cuba and Porto Rico, whereby we feel sure that it is pure and true to name. Havana, Connecticut Seed Leaf, White and Red Burley, Yellow Oronoco, Persian Rose, Blue Pryor. Price, Oz. 25c.

THE ELECTRIC EXTERMINATOR.

Why wear out your life dragging a load of poison over your field when you can carry a pound of poison and a bucket of water and kill all the bugs on a whole field of potatoes and other crops with our new Electric Bug Exterminator.

Price, . . . \$1.50.

BERMUDA GRASS. Seed should be sown in spring and fall, four pounds to the acre. Ground should be well prepared, seed sown and ground well-rolled. Price \$1.00 per pound.

Lawn grass Mixture for lawns; sow at the rate of 25 pounds to the acre. Price, 20 cents per pound. Sow in February and March.

RESCUE GRASS. This is the best grass for winter pasture; requires two bushels to the acre. Plant in fall and spring. Lb.....15c. Bu.....\$2.50.

ENGLISH BLUE GRASS. This is one of the very best for Lawns or Meadows; keeps green all winter and makes a fine pasture. Plant in fall and spring, two bushels to the acre. Lb.....15c. Bu.....\$2.00.

KENTUCKY BLUE GRASS. This grass is planted for lawns; does better when it can get some shade; keeps green all winter. Lb..20c. Bu..\$2.00.

SEED SOWER== Calhoun, \$4.00; Cyclone, \$3.00; Fiddle Bow, \$2.00. These labor savers sow all kinds of seed. For sowing Alfalfa Clover, they are indispensable.

Perfection Seed Sower, \$2 50.

How and When to Plant a Garden to Make it Profitable.

First, plow your garden well in the fall, then give same a heavy dressing of partly decayed stable manure, or fertilizer, in the absence of stable manure, use the ground Bone Dust. By January your ground will be mellow, and will raise almost any kind of vegetable.

What Seeds Should be Planted in the Different Months. This Applies to the South Only.

JANUARY. Sow Turnip, Radish, Cabbage, Beets, Spinach, Parsley, Lettuce, Schallots, Onion Setts, Peas, Horse Radish, Asparagus, Tobacco.

FEBRUARY. Plant extra early Peas, Cabbage, Cauliflower, Lettuce, Spinach, Radish, Mustard, Tomatoes in hot beds.

MARCH. Plant Onion Seed, in drills. The four best kinds for Texas are Prize Taker, Yellow Globe and White Portugal, Pepper, Tomatoes, Corn, Beans, Cabbage, Sweet Corn, Irish Potatoes, bed Sweet Potatoes, Onion Sets, Alfalfa Clover.

APRIL. Transplant cabbage and Tomatoes; plant Watermelons, Cantaloupes, pole Beans and Peas, Squash, Cucumbers, Pepper, sow Sorghum, Millet, Corn, Alfalfa Clover.

MAY. Plant Millet, Kaffir, Corn, Peas, pole Beans, black eye Peas, Cow Peas, Sorghum seed, Milo Maize, transplant Sweet Potatoes, Peanuts.

JUNE. Plant Millet, Sorghum and Kaffir Corn.

AUGUST. Plant for fall garden, Turnip, Cabbage, Radish, Lettuce, Onion Seed and Setts, Spinach, Irish Potatoes, Beets.

SEPTEMBER. Plant Beans, Cabbage, Turnip, Onion Setts, Rye, Barley, Wheat, Oats.

OCTOBER. Onion seed and Setts, Mustard, Radish and Turnips, Wheat, Barley, Oats, Rye, Alfalfa.

Spring Flower Seed-Plant in February and March.

Dwarf Double Sunflower.

Hollyhocks, single and double.

Sweet Williams, mixed.

Hibiscus.

Peonies.

Honey Suckle.

Phlox.

Clematis.

Cannas, mixed.

Ageratum, fine mixed.

Adonis.

Asylum, white and yellow.

Asters, choice mixed.

Balsam.

Baloon Vine.

Carnations.

Candy Tuft.

Madam Gunter's Nasturtiums.
Dwarf Nasturtium.

Chrysanthemum.

Coleus.

Cock's Comb.

Cypress Vine.

Daisies

Morning Glories.

Gourds.

Geraniums.

For-get-me-nots.

Lark Spur.

Balsam Vine.

Moon Flower,

Lobelia.

Marigolds.

Mignonette.

Four O'clock.

Nasturtiums.

Pansies.

Poppies.

Zinnias.

Verbenas.

STOCK PEAS

Are planted extensively in Texas for stock and for table use. As a fertilizer they have no equal. Plant in April, May, June and July. Large California Black Eye, White Lady Pea, Whippoorwill, Red Ripper, Clay, Unknown, Wonderful. Plant in drills between the corn, or broadcast, one bushel to the acre.

A FIELD OF DWARF ESSEX RAPE GIVEN TO SHEEP FEEDING.

This is an article of Winter and Spring Stock Food that should be raised by every farmer, it is easily grown and resembles turnip in taste and will stand any amount of frost.

RAPE SEED - THIS SEED IS NEW IN TEXAS.

Northern Farmers have been planting it for years for an early spring pasture. Plant in October or February; 6 lb to the acre.

VEGETABLE SEED==General List.

All seeds from this catalogue offered in packets, ounces and $\frac{1}{4}$ lbs., will be mailed free; but in quantities of $\frac{1}{2}$ lb., and upward, of one variety, postage at the rate of 8 cents per pound must be added to catalogue prices. To peas and beans add at the rate of 15 cents per quart, and to corn 10 cents per quart.

Asparagus Roots

	per 100	per 1000
Palmeto.....	\$1 50	\$12 00
Colossal.....	1 00	7 00

Beans, Dwarf or Bush

	qt	pk	bush
Henderson's New Bush Lima			
10c pkt; 20c $\frac{1}{2}$ pt; 30c pt; 50	3	50	
Burpee's Bush Lima, 10c			
pkt; 20c $\frac{1}{2}$ pt; 30c pt....	50	3	50
Henderson's Earliest Red			
Valentine.....	30		
Long Yellow, 6 wks....	25		
Early Mohawk, ".....	25		
R. Island Dwf. C. knife 6 wk	30		
Early Red Valentine, 6 wk	25		
Extra Early Refugee, 6 wk	30		
Refugee, or 1000 to 1, 6 wk	25		
White Marrowfat.....	25		
Improved Golden Wax....	35		
Golden Wax.....	30		
Wardell's Kidney Wax....	35		
Golden eyed Wax.....	25		
Black Wax.....	30		
Flageolet Wax.....	35		

BEET

	pkt	oz	1-4 lb	lb
Egyptian turnip.....	5	10	20	50
Edmand's early turnip..	5	10	20	50
Eclipse.....	5	10	25	70
Bastian's blood turnip..	5	10	20	55
Dewing's Improved				
blood turnip.....		10	20	55
Early blood turnip.....		10	20	50
Early flat Bassano.....		10	20	50
Long smooth blood red.		10	20	55
Brazilian Variegated...		10	20	60
Swiss Chard, silver or sea				
Kale Beet.....		10	20	55

Brussel Sprouts

Tall French	20	70	2	50
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CABBAGE

	oz	1-4 lb	lb
"The Charleston," or large			
type of Wakefield.....	40	1	25 4 00
Henderson's selected early			
Jersey Wakefield	30	1	00 3 00
Henderson's early summer	25		80 3 00
Early Winningstadt.	20		60 2 00
Large Early York.....	20		60 2 00
Early York.....	20		60 2 00
Fottler's improved Bruns-			
wick.....	20		60 2 00
Express.....	20		60 2 00
Henderson's selected late			
Flat Dutch.....	20		70 2 50
✓ American Drumhead Sa-			
voy.....	25		75 2 50

CARROT

Early scarlet horn.....	10	30	1 25
Half long red (stump rooted)	10	30	90
Long Orange improved....	10	25	80
Danvers.....	10	30	1 00
Oxheart, or Guerande.....	10	30	1 00
Chantenay.....	10	30	90

CAULIFLOWER

Early Snowball.....	14	00
Ex early dwarf Erfurt.	10	00
Ex early Paris.....	80	2 75
Early London.....	75	2 50

Corn Salad, or Fetticus

Large leaved	10	25	80
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CUCUMBER

Green prolific.....	10	20	65
Early frame.....	10	20	65
Long green.....	10	25	80
Early cluster.....	10	20	65
Imp. early White Spine....	10	25	75

Kale, or Borecale			PARSLEY		
oz	1-4 lb	lb	oz	1-4 lb	lb
Dwarf green curled Scotch 15	25	1 00	Moss Curled.....10	30	1 00
Brown German curled.....20	60	2 00	Double Curled.....10	30	90
LETTUCE			PEAS-Extra Early		
Golden Queen.....25	75	2 40	First and best.....25	1 25	4 50
Early curled Simpson.15	40	1 25	Alaska.....25	1 50	5 00
Black seed Simpson.15	40	1 25	Blue Beauty.....30	1 50	5 50
Deacon.....15	40	1 25	American Wonder.....35	2 25	7 50
Tennis Ball, (blk seeded)..15	40	1 25	Philadelphia Ex Early...25	1 15	4 00
Boston Market.....20	50	1 50	Imp Dan'l O'Rourke25	1 15	4 00
Lrg. white sumr. cabbage .15	40	1 25	McLean's Little Gem.25	1 75	6 00
Prize Head.....15	40	1 25	Ex Early Premium Gem..25	1 75	6 50
All the year around.....15	40	1 25	Tom Thumb.....35	1 75	6 00
Hardy green winter.....15	40	1 25	Second Early Varieties		
Paris white Cos.....20	50	1 50	McLean's Advancer.....25	1 50	5 50
Hanson.....15	40	1 20	Horsford's Mrkt Garden .25	1 75	6 00
MELON=Musk			For General Crop		
The Banquet.....20	60	2 00	Abundance.....25	1 50	5 50
New early Hackensack....15	35	1 25	Everbearing.....30	1 75	6 00
Emerald Gem.....10	30	1 00	Champion of England ...25	1 50	5 00
Montreal Market.....10	25	75	White Marrowfat.....20	1 00	3 00
Netted Gem10	30	1 00	Black Eyed Marrowfat...20	1 00	3 00
Nutmeg10	25	75	RADISH		
Baltimore, or Acme.....10	25	75	oz	1-2 lb	lb
Hackensack....10	25	75	Rapid Forcing.....15	40	1 00
Mushroom Spawn			Long Scarlet, short top...10	20	65
English, 15c per lb; by mail,			Early Scarlet Turnip....10	20	70
25c; 8 lbs for \$1.00.			Early White Turnip10	25	60
French, in boxes, 2 lbs 75;			White Tipd scarlet turnip 10	20	60
by mail, 95c.			White Strasburg.....10	30	1 00
ONION-Varieties for Fall Sowing			French Breakfast.....10	25	75
Prizetaker.....30	80	2 50	Yellow Summer Turnip ..10	25	80
Ex early Red.....15	50	1 60	White Summer Turnip ...10	25	80
Wethersfield, large Red...15	50	1 50	Beckert's Chartier10	25	70
Yellow Globe Danvers15	50	1 40	Rose China Winter.....10	30	90
White Portugal, or slvr skn 30	1 00	3 50	Early Scarlet Globe15	40	1 10
Southport White Globe....30	1 00	3 00	Long White Vienna.....10	30	1 00
Large Red Globe.....15	50	1 60	Long Black Spanish.....10	30	80
Red Bermuda.....20	70	2 25	SALSIFY		
White Bermuda.....20	70	2 25	White French.....15	40	1 25
Giant Rocca.....15	45	1 25	Sandwich Island Mam'th .20	50	1 75
Lrg White Italian Tripoli..20	50	1 75	SPINACH		
Onion Setts			Savoy leaved.....15	35	
White Multiplier.....	Quart, 10 cts		Round leaf.....15	35	
White Onion Sett.....	By Mail,		Long standing.....15	35	
Yellow Onion Setts.....	15 cents.		Prickly.....15	35	
Red Onion Setts.....					
Potato Onions.....					
Top or Button Onions.					
Shallots.....					

	oz	1-4 lb	lb		oz	1-4 lb	lb
TOMATO				Long white, or Cow Horn	10	20	60
Crimson Cushion, 25c pkt; five pkts for \$1.00.				White Egg.....	10	20	60
Ponderosa.....	60	2 00		Yellow Stone.....	10	20	60
Early Ruby.....	25	75	2 50	Yellow Globe.....	10	20	60
Table Queen.....	30	1 00	3 00	Yellow Aberdeen.....	10	20	60
Dwarf Champion.....	25	75	2 50	Early Snoweall.....	10	25	75
Beauty.....	20	70	2 25	Ruta Baga, Russian or Sweedish Turnip			
Trophy, extra selected ...	30	1 00	3 00	Loug Island Improved ...	10	25	60
Favorite.....	20	60	2 00	Imp American, purple top	10	20	50
Perfection.....	20	60	2 00	Skirving's, purple top....	10	20	60
Acme.....	20	60	2 00	Large White French.....	10	20	50
TURNIP				ROOTS			
Extra Early Milan.....	5	30	1 00	Asparagus, The Palmetto.	per 100	per 1000	
Red Top Strap Leaf.....	10	20	60	“ Colossal	1 50	12 00	
Early White Strap Leaf....	10	20	60	“ “ “	1 00	7 00	
Early Flat Dutch.....	10	20	60		Each	Doz	
Purple top white Globe....	10	20	60	Rhubarb, St. Martin's.....	20	2 00	
				“ Linnaeus	15	1 50	

Seeds Requisite to Produce a Given Number of Plants to a Given Amount of Ground.

	ACRE		ACRE
Artichoke.....	2 bu	Kale, 1 oz to 3000 plants.....	4 oz
Asparagus, 1 oz to 200 plants....	5 lbs	Kohl-Rabi, 1 oz to 200 ft of drill. 1½	lbs
Barley.....	2½ bu	Leek, 1 oz to 250 feet of drill	4 lbs
Beans, dwarf, 1 qt to 150 ft of drill	1¼ bu	Lettuce, 1 oz to 250 feet of drill..	3 lbs
Beans, pole, 2 qt to 200 hills.....	½ bu	Melon, Musk, 1 oz to 100 hills....	1¾ lbs
Beet, garden, 1 oz to 100 ft of drill	10 lbs	“ Water, 1 oz to 25 hills.....	1½ lbs
Beet, Mangel, 1 oz to 150 ft of drill	6 lbs	Nasturtium, 1 oz to 50 ft of drill..	10 lbs
Broccoli, 1 oz to 3000 plants ...	5 oz	Oats.....	2½ bu
Broom Corn.....	10 lbs	Okra, 1 oz to 50 feet of drill.....	10 lbs
Brussels Spts, 1 oz. to 3000 plants	5 oz	Onion Seed, 1 oz to 200 ft of drill	6 lbs
Buckwheat.....	½ bu	“ “ for transplanting...	2 lbs
*Cabbage, 1 oz to 3000 plants....	5 oz	“ “ for setts	30 lbs
Carrot, 1 oz to 250 feet of drill..	2½ lbs	“ Set, 1 qt to 20 ft of drill..	8 bu
*Cauliflower, 1 oz to 3000 plants.	5 oz	Parsnip, 1 oz to 250 feet of drill..	5 lbs
*Celery, 1 oz to 10,000 plants ...	4 oz	Parsley, 1 oz to 250 feet of drill..	8 lbs
Clover, Alsike and White Dutch.	6 lbs	Peas, garden, 1 qt to 150 ft drill..	1½ bu
“ Alfalfa.....	25 lbs	“ field.....	½ bu
“ Medium.....	10 lbs	Pepper, 1 oz to 1500 plants.....	4 oz
*Collards, 1 oz to 250 plants.....	6 oz	Potatoes.....	10 bu
Corn, sweet, 1 qt to 500 hills.....	8 pts	Pumpkins, 1 quart to 300 hills....	4 qts
Cress, 1 oz to 150 feet of drill....	8 lbs	Radish, 1 oz to 150 feet of drill..	8 lbs
Cucumber, 1 oz to 80 hills.	1¼ lbs	Rye	1 bu
Eggplant, 1 oz to 2000 plants....	3 oz	Salsify, 1 oz to 60 feet of drill....	8 lbs
Endive, 1 oz to 300 feet of drill..	3 lbs	Spinach, 1 oz to 150 of drill.....	10 lb
Flax, broadcast.....	¼ bu	Sumr Savoy, 1 oz to 500 ft of drill	2 lbs
Grass, Blue Kentucky.....	2 bu	Squash, summer, 1 oz to 40 hills..	2 lbs
“ Blue English.....	1 bu	“ winter, 1 oz to 10 hills....	3 lbs
“ Hungarian and Millet.	1 bu	Tomato, 1 oz to 3000 plants.....	3 oz
“ Mixed Lawn.....	3 bu	Tobacco, 1 oz to 5000 plants.....	2 oz
“ Orchard, Perennial Rye, Red Top, Fowl, Meadow, Wood Meadow.....	2 bu	Turnip, 1 oz to 250 feet of drill... 1½	lbs
Garlic Bulbs, 1 lb to 10 ft of drill.		Vetches.....	2 bu
Hemp.....	½ bu	Wheat.....	1 to 2 bu

*The above calculations are made for sowing in the Spring.

Table Showing the Quantity of Seed Required to Sow an Acre.

	Lbs	per Bu		Lbs	per Bu
Barley, broadcast	48	2 to 3 bu	Melon, Musk, in hills.	2 to 3 lbs	
Beans, dwarf, in drills. .	68	1 ½ bush	Melon, Water, in hills.	4 to 5 lbs	
Beans, pole, in drills. .	60	10 to 12 qt	Millet.	48	1 bush
Beets, table, in drills.	6	lbs	Oats, broadcast.	32	2 to 3 bu
Beets, Mandel Wurzel.	5	lbs	Onion, in drills.	6 to 8 lbs	
Broom corn, in hills.	46	8 to 10 lbs	Onion, for Setts, in drills. .	50 to 60 lb	
Buckwheat.	48	1 bush	Onion Setts, in drills.	6 to 12 bu	
Cabbage, beds, to transplt	½	lb	Parsnip, in drills.	4 to 6 lbs	
Carrot, in drills.	3 to 4	lbs	Round Peas, in drills. .	60	1 ½ bush
Clover, red.	60	20 lbs	Wrinkled Peas, in drills	56	1¼ bush
“ white.	60	12 to 15 lb	Peas, broadcast.	3	bush
“ Alsike.	60	10 lbs	Potatoes, (cut tubes). .	60	10 bush
“ Lucerne, Alfalfa, 60	20	lbs	Pumpkin (in hills).	3	lbs
Corn, in hills.	8 to 10	qts	Radish, in drills.	8 to 10	lbs
Corn, for fodder.	56	3 bush	Rye, broadcast.	56	1 ½ to 2 b
Cucumber, in hills.	2	lbs	Sage, in drills.	8 to 10	lbs
Flax, broadcast.	56	1 ½ bush	Salsify, in drills.	8 to 10	lbs
Grass, Kentucky Blue. .	14	3 bush	Spinach, in drills.	15	lbs
“ Orchard.	14	3 bush	Squash, (bush varieties) hills	4	lbs
“ English Rye.	24	3 bush	Squash (run'g va) hills. .	3	lbs
“ Red Top.	10	3 bush	Sugar Cane.	100	lbs
“ Timothy.	45	½ bush	Tomato, to transplant.	¼	lb
“ Hungarian.	48	1 bushel	Turnip, in drills.	2	lbs
“ Lawn.	15	4 bush	Turnip, broadcast.	2	lbs
Hemp.	44	1 ½ bush	Vetches, broadcast.	2 to 3	bu
Kale.	5	lbs	Wheat, broadcast.	1 ½ to 2	b

“PERFECTION” BROADCAST SEED SOWERS.

For Sowing Wheat, Oats, Rye, Rice, Flax, Grass Seed, Clover Seed, Etc. In Fact, any kind of Seed Broadcast.

No careful, economical farmer will continue to sow his seed by hand (the old style) when he can get one of these machines at reduced prices. They will save their cost almost daily in saving of seed, to say nothing about saving of time and more even distribution, which will have a great effect on the crop.

They will Sow from 4 to 8 Acres per Hour at a Common Walking Gait.

These machines when first invented, sold for \$15 each. Valuable labor-saving, seed-saving, crop-increasing machines. The seed is not thrown upward, but distributed right and left evenly, and will save at least one-third the seed used in hand-sowing. They are operated by a transverse motion of the bow, or a crank which revolves the distributor and works the vibrator rapidly. It is the only satisfactory vibrator, which prevents the seed from clogging. They are quickly adjusted to sow any quantity desired. The grain sack holds one bushel, made strong, well finished and weighs about four pounds. It will last many years. At a round will sow wheat 50 feet, buckwheat 48 feet, flax seed 36 feet, grass seeds from 27 to 36 feet. These are the best machines ever invented for the purpose and should be in the hands of every farmer. Satisfaction guaranteed.

Price. \$2.50 Each.

THE NEW GIANT PRIZE TAKER ONION.

This is the money maker for Texas Farmers. Scores of farmers made little fortunes last year, raising this onion. It matures from seed in 90 days; very firm; good color and an excellent shipper. Thousands of bushels were shipped from Texas last year to northern markets, and on an average year will produce from 300 to 500 bushels per acre. Seed should be planted in March, four pound to the acre, in drills two feet apart. Our seed is raised for us under special contract in the celebrated St. Clair Valley, California, and all who have tried them will testify to their superiority over other onions. They often attain the weight of three pounds each.

Price, Oz.....15c. Lb.....\$2.00.