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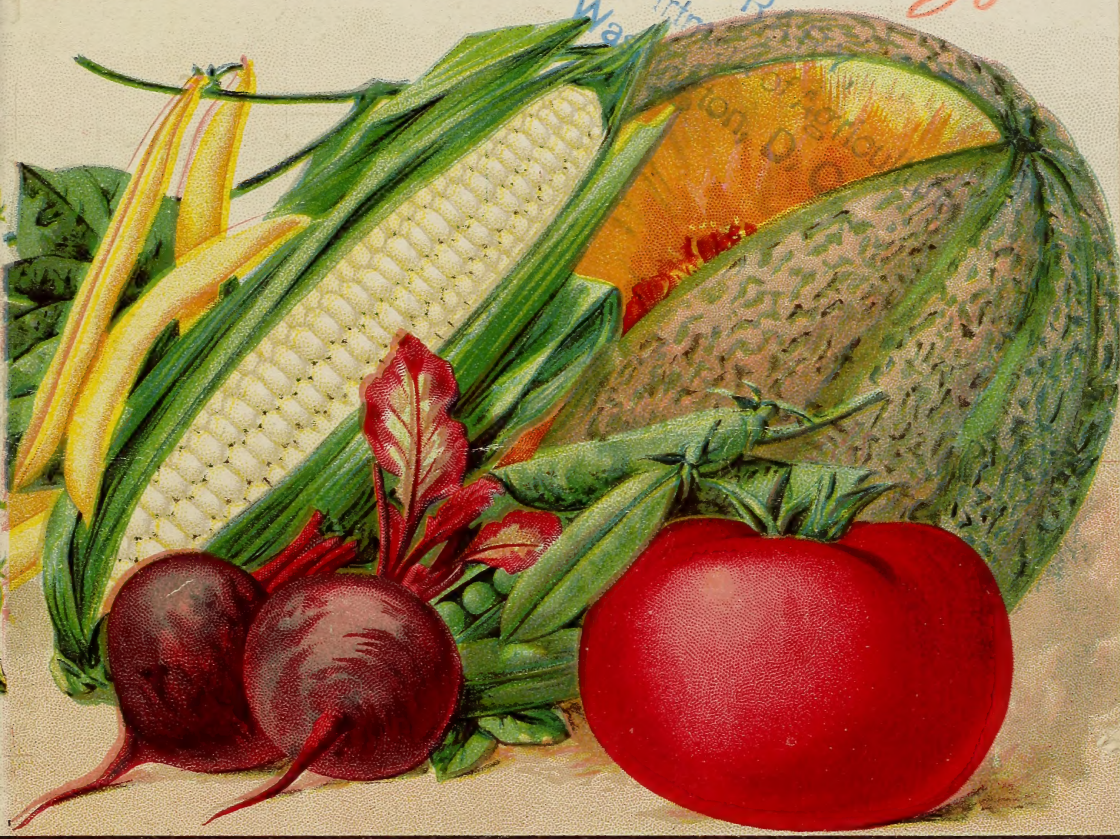
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TUCKER'S

Seed
Annual
7-0-

For 1911



EVERYTHING FOR THE FARMER,
GARDENER, POULTRY MAN
AND BEE KEEPER

Tucker's Seed House

CARTHAGE, MISSOURI

TO OUR FRIENDS AND PATRONS

TN presenting our Annual Catalog, we desire to thank our customers for the largely increased patronage we have again enjoyed during the past year. This constantly increasing trade which it has been our good fortune to enjoy is the best evidence of the fact that our seeds and methods of business are alike satisfactory and profitable to our customers. Our constant aim is to furnish only seeds and supplies that are strictly first class in every way.

We wish all of our customers a prosperous New Year and respectfully solicit a continuance of your orders.

Carthage, Mo,
Jan. 1, 1911.

Most sincerely yours,
TUCKERS SEED HOUSE,
per Earl J. Tucker, Gen. Mgr.

General Information and Terms of Sale

Our terms are cash with order or satisfactory reference

How to Send Money Money can be safely sent by Bank, Check, Postoffice Order, Express Money Order, Registered Letter or Express. Postage Stamp remittances in small amounts are also satisfactory. Customers who have no regular account with us will kindly remit the amount with their orders, or name business references, as customary before opening new accounts.

Seeds by Mail, Postage Paid At prices quoted post-paid, we deliver the seeds at our expense to any post office in the United States. Where not quoted postpaid, if seeds are to be sent by mail, add 8 cents per pound to cover postage. On beans, corn and peas, the postage is 8 cents per pint, 15 cents per quart extra.

Seeds by Express By special agreement the Express Companies will carry seeds and plants from Carthage to all points in the middle west at a rate of twenty per cent less than usual merchandise rates.

Lower Freight Rates and Quick Shipments For large orders, shipments by freight are much cheaper than by express.

Fluctuations in Prices Seed Potatoes, Onion Sets, Grass and Clover seeds, Seed Grain, and other field seeds, fluctuate in price, depending upon market conditions and supplies. The prices given in this catalog are those ruling at the time it is issued, the middle of December. We shall take pleasure at any time in quoting prices on request, or will fill all orders entrusted to us at as low prices as possible for first-class seeds.

About Warranting Seeds While we use great care, both for our own and our customers' interests, to supply and furnish the best seeds that it is possible to obtain, there are so many conditions—weather and other causes—affecting the growth of seeds and the out-turn of crops, that it must be distinctly understood that all our seeds are sold under the conditions in regard to non-warranty of seeds which have been generally adopted by the seed trade, and which are as follows:

"We give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned."

Packet and Ounce Discount

Our customers are entitled to the following discounts, on seeds bought by the packet and ounce.

For 25 cents you may select 5 cents extra.

For 50 cents 15 cents extra.

For \$1.00, 25 cents extra.

The above discounts to apply only on packets and ounces.

To Market Growers
and others requiring large
quantities of.....
Garden Seeds

we will quote special
prices, or allow discount
on orders when quantity
warrants it.

Vegetable Seeds

General List of Well Known Standard Varieties

Our List of Vegetable Seeds embraces all the Well Known, Standard Varieties and such of the new-

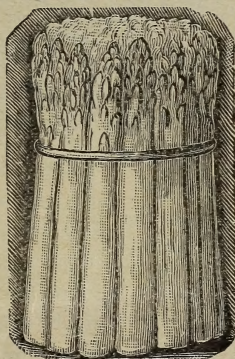
er sorts as have proven of value.

There is an endless number of new varieties introduced each year, and it is impossible for any one seedsman to give each a place in his catalogue. In the following pages we have listed only varieties as are the best types of the class they represent, and have proven satisfactory in our western soils and climate.

Asparagus is one of the earliest and most profitable of spring vegetables. No family garden should be without its asparagus bed. A bed of about 100 plants will furnish an abundant supply for an ordinary family.

Corover's Colossal—The standard variety. Very productive. Shoots of the largest size and excellent quality. Pkt. 5c. oz. 10c. $\frac{1}{4}$ lb. 20c. lb. 55c.

Columbian Mammoth White—A new sort, producing very large, thick, white shoots, free from any green color. A pure white asparagus of largest size. Pkt. 5c. oz. 10c. $\frac{1}{4}$ lb. 20c. lb. 55c.



ASPARAGUS ROOTS

STRONG TWO-YEAR OLD ROOTS

We recommend planting the roots as two years' time is saved by doing so.

Roots per 100, \$1.25; by express or freight at purchaser's expense.

Quantity of seed required for a given Length of Drill.

Asparagus	1 oz. to 60 feet of drill
Beet	1 oz. to 50 feet of drill
Bean, dwarf,	1 quart to 100 feet of drill
Carrot	1 oz. to 100 feet of drill
Endive	1 oz. to 100 feet of drill
Okra	1 oz. to 40 feet of drill
Onion	1 oz. to 100 feet of drill
Onion Sets	1 qt. to 20 feet of drill
Parshley	1 oz. to 125 feet of drill
Parsnips	1 oz. to 100 feet of drill
Peas	1 qt. to 100 feet of drill
Radishes	1 oz. to 75 feet of drill
Salsify	1 oz. to 70 feet of drill

Average quantity of seed sown to an Acre in Drills.

Dwarf Beans	1 $\frac{1}{4}$ bushels
Navy Beans	$\frac{1}{2}$ bushel
Early Peas	1 $\frac{1}{2}$ bushels
Marrowfat Peas	1 $\frac{1}{4}$ bushels
Beans	4 to 5 pounds
Carrots	2 to 3 pounds
Onions	4 to 5 pounds
Onions for Sets	50 to 60 pounds
Onion Sets	300 to 350 pounds
Potatoes (cut tubers)	8 to 10 bushels
Parsnips	4 to 5 pounds
Radishes	6 to 8 pounds
Rutabagas	1 to 1 $\frac{1}{2}$ pounds
Spinach	10 to 12 pounds
Salsify	6 to 8 pounds
Turnips	1 to 1 $\frac{1}{4}$ pounds

All our seeds are tested for germination and we know we can please you on the quality end. An early order will be appreciated, and you can rest assured that it will have our very best attention.

Green Podded Bush Beans

Postage on Beans 8c Per Pint or 15c Per Quart Extra

Stringless Green

Pod—As its name implies, this new sort is perfectly stringless at all stages of growth. It is the only Dwarf Green-Podded Bean in cultivation that is always absolutely stringless at all stages of growth, and we recommend it highly. It is extremely early, becoming fit for use about six weeks from planting; is vigorous and hardy, and can be planted early; often ready for picking two weeks ahead of the Valentine, and fully its equal in quality. The pods are long, straight fleshy and thick, of superior quality and flavor, tender and brittle; immensely productive. **pkt. 10c., pt. 15c., qt. 25c., gal. 90c., peck \$1.70.**

Giant Stringless Green-Pod—This should not be confounded with the "New Stringless Green-Pod." It is a distinct new cross-bred variety, possessing all the merits of the old favorite Round Pod Valentine, but is more prolific; the pods are large, being five to six inches in length, and are absolutely stringless, unusually crisp, round, full and fleshy; qualities which highly recommend it to market gardeners. **pkt. 10c., pt. 15c., qt. 25c., gal. 90c., peck \$1.70.**

Early Round Pod Red Valentine—Usually ready to pick in 35 days after planting. Pods round, thick, fleshy, of fine quality, and unequalled uniformity of ripening: one of the most profitable sorts for market gardeners. **pkt. 10c., pt. 15c., qt. 25c., gal 80c., peck \$1.50.**

Refuge or 1000 to 1—One of the earliest of green podded sorts; used for pickling; pods long cylindrical; prolific. **pkt. 10c., pt. 15c., qt. 25c., gal. 80c., peck \$1.50.**



Extra Early Longfellow—A new extra early variety with perfectly round and uniformly straight pods; very fleshy, long, brittle and without strings when broken, flavor delicious; very prolific; plants very strong and compact in growth. Adapted to the South and long distance shipping. **pkt. 10c., pt. 20c., qt. 30c., gal. \$1., peck \$1.90.**

Long Yellow Six Weeks—An old favorite. Early and very productive, Pods long flat and of good quality. Our seed of this variety is especially good this season, and we personally recommend it to you. **pkt. 10c., pt. 15c., qt. 25c., gal 85c., peck \$1.65.**

Small Navy—**Pt. 10c., qt. 20c., pk. \$1.**

Medlum Navy—**Pt. 10c., qt. 20c., pk. \$1.**

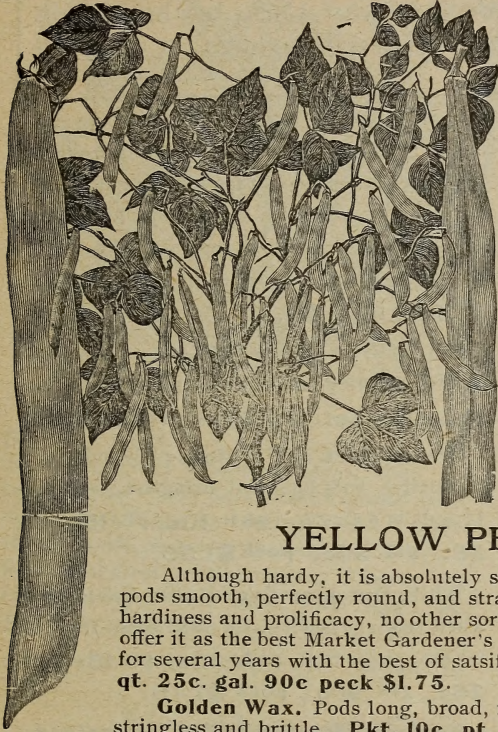
We believe that fresh, pureseeds cannot be purchased anywhere at lower prices than we quote. The country is flooded with poor, cheap seeds, but the risk of planting them is too great. Poor seed would be expensive even as a gift. We send out only seeds we know to be good,

SELECT WAX BUSH BEANS

Postage on Beans 8c Per Pint, 15c. per Quart Extra

ROYAL ROUND POD PURPLE WAX

Plant large, without runners; generally drooping with fruit-laden branches and spreading when fully grown. The season is early; the leaf is large, medium green; wide across leaflets; pods are very round and yellow in color; very brittle; stringless; without fiber and unsurpassed in quality. Owing to its being a prolific Bean and tender, it will be much in demand by the market gardeners, or those wanting a first-class, round pod, wax bean, Pkt. 10c. pt. 20c. qt. 30c. gal. \$1.00. peck \$1.75.



YELLOW PENCIL POD WAX

Although hardy, it is absolutely stringless, tender and of a most luscious quality; pods smooth, perfectly round, and straight as a lead pencil. In points of vigor, hardness and prolificacy, no other sort equals it. It stands in a class by itself. We offer it as the best Market Gardener's Wax Bean to date. We have sold this bean for several years with the best of satisfaction under all conditions. Pkt. 10c. pt. 15c. qt. 25c. gal. 90c. peck \$1.75.

Golden Wax. Pods long, broad, flat, golden-yellow, very fleshy and wax-like stringless and brittle. Pkt. 10c. pt. 15c. qt. 25c. gal. 90c. peck \$1.75.

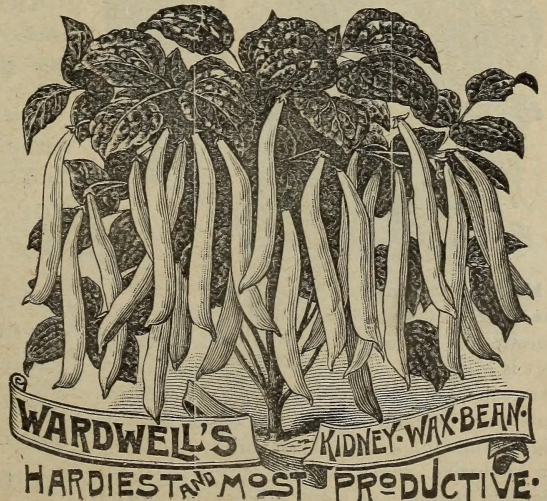
Prolific German Black. An old sort but still retaining its place in the front, and in quality being exceedingly tender and crisp. In our estimation it is one of the best for the home garden. It is early and productive; pods long and round Pkt. 10c. pt. 15c. qt. 25c. gal. 85c. pk. \$1.65.

Davis White Wax. A white variety desirable as a string bean; also used as a shell bean when dry. Pkt. 10c. pt. 15c. qt. 25c. gal. 90c. peck \$1.75.

WARDWELL'S KID- NEY WAX

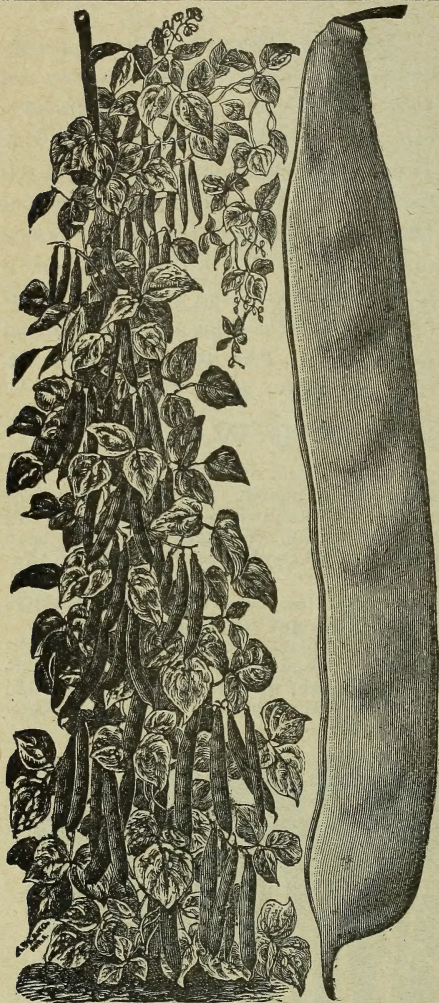
IMMENSELY PRODUCTIVE, ONE
OF THE HANDSOMEST WAX
PODDED BEANS KNOWN.

Early; vine medium, erect, hardy, productive. Pods long, broad, flat, brittle, and of a delicate waxy-yellow. Very attractive market sort. Beans large, kidney-shaped, white with dark markings about the eye. First-class snap bean, and a good one for winter. (See illustration) Pkt. 10c. pt. 15c. qt. 25c. gal. 90c. peck \$1.75.



BEANS. Pole or Running

We pay Postage on all Beans, Peas, and Sweet Corn by the packet only. Our packets contain a good amount of seeds, enough for an ordinary family.



Kentucky Wonder Wax—The merits of the old Kentucky Wonder Pole Bean are well known, and in saying that this yellow-podded sort is even more prolific than its green-podded namesake, we give it a high recommendation indeed. It commences to bear when scarcely higher than the average bush variety and keeps on producing until killed by frost. It is a vigorous grower, one plant filling a pole with a mass of vines, densely loaded with the beauti-

ful golden yellow pods. The pods are long and so thick and fleshy that they are frequently greater in thickness than in breadth; they are meaty, entirely stringless, and when cooked of a delicious, rich, buttery flavor. **pkt. 10c., pt. 20c. qt. 35c.. gal. \$1 20., peck \$2.**

Cut Short or Corn Hill—An old popular sort for planting among corn. **pkt. 10c., pt. 15c., qt. 25c. gal. 85c. peck \$1.65.**

Crease Back or Fat Horse—Wonderfully productive, pods long and stringless, bears 4 to 12 pods in a cluster. **pkt. 10c. pt. 15c. qt. 25c. gal. 90c. peck \$1.35.**

White Dutch or Case Knife—Snaps well when young, excellent for shell beans for winter use, yields well. **pkt. 10c., pt. 15c., qt. 25c., gal 90c, peck \$1.75.**

Kentucky Wonder or Old Homestead—Green-podded, early and productive. Pods grow in large clusters and are very rich and tender, almost round; and sometimes nine and ten inches long. Excellent for snap beans. **pkt. 10c. pt. 15c. qt. 25c. gal. 90c. pk. \$1.75.**

Lazy Wife—This variety has become immensely popular in all sections of the country. It is the best green-podded pole bean. **pkt. 10c. pt. 15c. qt. 25c. gal. 90c. pk. \$1.75.**

Horticultural or Speckled Cranberry—Short, broad green pods, which become streaked with red when nearly ripe. As a shell bean, either green or dry, it cannot be surpassed in quality. The beans are large and easily shelled. **pkt. 10c. qt. 15c. qt. 25c. gal. 85c. pk. \$1.65.**

LIMA BEANS



Henderson's—The earliest of the Bush Limas—Grows in compact bush form and produces large crops of delicious beans; they are small in size. Very popular with market gardeners, and of high table merit, and a favorite for the home garden on account of its delicious flavor and great productiveness. Ripens very early and bears until frost. **Pkt. 10c. pt. 15c. qt. 25c. gal. 90c. pk. \$1.75.**

Dreer's Bush—Immensely productive;

may be used as a shell bean or snap bean; broad, flatpods. **Pkt. 10c. pt. 15c. qt. 25c. gal. 90c. peck \$1.75.**

Burpee's—True bush form of Large Lima—While not so early as Henderson's this is better in quality and beans are much larger. Plants are uniformly dwarf, but enormously productive. In small gardens this variety of Dwarf Bush Lima should always be planted in preference to any Pole Lima. **pkt 10c. pt. 15c. qt. 25c. gal 90c. peck \$1.75.**

Pole Limas

Dreers—Improved Pole Lima—One of the best of the Pole Lima's. Very productive, broad pods and of delicious flavor. **pkt. 10c., pt. 15c., qt. 25c. gal. 90c. peck \$1.75.**

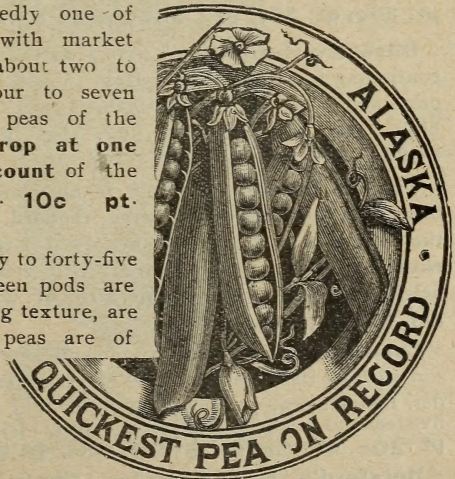
King of the Garden Lima—Undoubtedly this is more extensively grown than any other sort of its class. It is a heavy yielder on all sorts of soil, and is of excellent flavor. The pods are of enormous size, measuring eight or nine inches in length, and containing as many as eight or nine beans. For private gardens this is certainly the very best Pole Lima.

Northern Grown Seed Peas

If wanted by the pint or quart add 8c per pint, 15c per quart. We prepay packages.

Extra Early Alaska—Extra early, and undoubtedly one of the earliest that can be grown, and a great favorite with market gardeners. The vines are of strong vigorous habit, about two to two and one-half feet in height, and bear from four to seven long pods that are always filled with medium size peas of the most delicious flavor. As it matures all the crop at one time it is invaluable for large growers on account of the ease with which they may be gathered. **pkt. 10c pt. 15c. qt. 25c. gal. 90c. peck \$1.75.**

First and Best (2 feet)—Matures in from forty to forty-five days after germination, and the full, round, dark green pods are produced in wonderful profusion. They are of strong texture, are well fitted for shipping even long distances. The peas are of medium size, round, smooth, and of splendid flavor. The vines are very hardy and seed may be sown as soon as the soil becomes mellow. **Pkt. 10c, pt. 15c, qt. 25c, gal. 90c, peck \$1.75.**



Your order large or small will be appreciated and will have our careful attention

EARLY DWARF WRINKLED PEAS

If Peas are wanted by mail 8c per pt., 15c per qt., must be added to pay postage.
We pay postage on packets

Notts Excelsior—The best dwarf variety for the home garden. Grows a foot high and is wonderfully productive. The peas are tender and of delicate flavor. An excellent sort growing more in popular favor every year. **pkt 10c. pt. 20c. qt. 35c. gal. \$1.25 peck \$2.25.**



Carter's Premium Gem—A deservedly popular dwarf growing sort, growing about fourteen inches high. It is hardier and can be planted earlier than most wrinkled peas; very prolific. The pods are large and contain six

to nine peas of first class quality. **pkt. 10c, pt. 20c qt. 30c. gal. \$1.25 peck \$2.25**

MEDIUM AND LATE SORTS

Telephone—Height 3½ feet vines and leaves large and coarse. The extra large light green pods are produced in the greatest profusion and are filled with immense peas which are sweet, tender and of delicious flavor. **pkt. 10c pt. 20c. qt. 35c. gal. \$1.25 peck \$2.25.**

Bliss' Everbearing—A second early sort continuing a long time in bearing. Vines vigorous and branching and grow about two feet high, **pkt. 10c. pt. 20c., qt. 35c. gal. \$1.25, peck \$2.25.**

Thomas Laxton—The pod is not large, being short and instead of being rounded at the point it is square and blunt. Seed large, wrinkled, cream color tinted with green; height three feet. **pkt. 10c pt. 20c. qt. 35c gal. \$1.25, peck \$2.25.**

Champion of England—An old and favorite sort with all those who are fond of a large tender, luscious pea, reaching a height of four or five feet and is fairly productive. **pkt. 10c. pt. 20c. qt. 35c. gal. \$1.00, peck \$1.90**

Horsford's Market Garden—This somewhat resembles in habit of growth *Premium Gem*, but is one-third taller and ten days later. Pods are produced in pairs in great profusion.

American Wonder A desirable dwarf variety growing only nine inches high, very early. Peas are wrinkled, very sweet and high flavored. **pkt. 10c. pt. 20c. pt. 35c. gal \$1.25 peck \$2.25.**

Seed green, wrinkled; height twenty inches **pkt. 10c pt. 20c qt. 35c. gal. \$1.25, peck \$2.25.**

Improved Stratagem—Of vigorous habit and a heavy cropper; height two feet; large seed, green, wrinkled. Popular with gardeners everywhere. The large attractive pods, combined with the excellent quality of the peas make it very desirable and paying variety, **pkt. 10c. pt 20c. qt. 35c. gal. \$1.25, peck \$2.25.**

Large White Morrowfat—A good summer pea. Grows five feet high, is productive and of fair quality, **pkt. 10c pt. 15c. qt. 25c. gal. 70c. peck \$1.30.**

Yorkshire Hero—A fine, large, dwarf, wrinkled variety of very fine quality and very productive. Vines two and one-half feet high, bearing great numbers of large, wellfilled pods. **pkt. 10c. pt. 20c. qt. 35c. gal. \$1.25, peck \$2.25.**

Advancer—One of the best of the medium early wrinkled sorts. Very productive and fine flavor, **pkt. 10c. pt. 20c. qt. 35c. gal. \$1.25, peck \$2.25.**

Choice Varieties Sweet Corn

Add 8c. per pint, 15c. per quart for postage. We prepay packages.

Extra Early Adams—Hardies and earliest variety, but not a sweet corn. Stalks three to four feet high, **pkt 8c., pt. 10c., qt. 15c., gal. 50c., peck 90.**

Adams' Early—Very early market variety, ears good size. **Price same as Extra Early Adams,**

Peep' o' Day—Ten days or two weeks earlier than most other sorts and one of the sweetest of all extra early sweet corns. The stalks grow from three to four feet in height, and carry three to five ears each. The ears average about six inches in length, **pkt. 8c., pt. 10c., qt. 20c., gal. 60c., peck \$1.10.**

Extra Early Cory—One of the earliest varieties. Large ears considerin size of stalk, small red cob well filled up with handsome and very sweet kernels, **pkt. 8c., pt. 10c., qt. 20c., gal. 60c., pk. \$1.0.**

Black Mexican—A medium early variety growing about six feet in height; ears eight inches long, well filled with eight rows of large rather flat grains, which are deep bluish purple, of superlative sweet flavor, **pkt. 8c. pt. 10 , qt. 20., gal. 60c., pk. \$1.10.**

Golden Bantam

Extremely early yellow, eight rowed variety of delicious flavor. Very sweet, **pkt. 8c., pt. 15c., qt. 25c., gal. 60c., pk. \$1.10.**

Early Mammoth

One of the best and sweetest corns grown; valuable for family use, **pkt. 8c., pt. 10c., qt. 20c., gal. 60c. pk., \$1.10.**

Early Minnesota

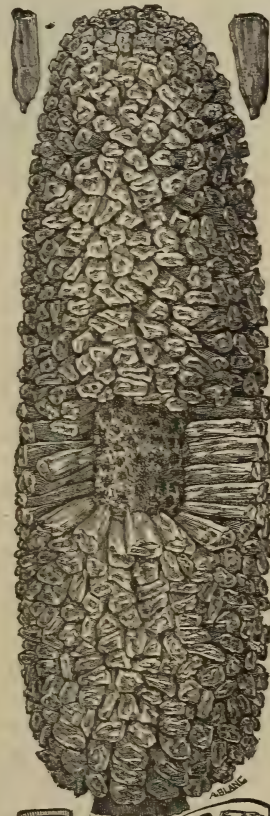
An extra early variety; very desirable and productive; dwarf habit, **pkt. 8c., pt. 10c., qt. 20c., gal. 60c., pk. \$1.10.**

New White Evergreen

One of the finest Sweet Corns in the world. Ears are very large with long, slender grains; delicious, sweet flavor, **pkt. 8c., pt. 10., qt. 20c., gal. 60c. pk. \$1.10.**

Stowell's Evergreen

A very sweet, late, remaining a long time in boiling condition, very productive, having very large ears, **p.k.t. 8c., pt. 10c., qt. 20c., gal. 60c., peck \$1.10.**



Shoe Peg or Country Gentleman

Productive, frequently three ears to the plant. Ear large; grain narrow and very deep, **pkt. 8c., pt. 10c., qt. 20c., gal. 60c., peck \$1.10.**

Mammoth Evergreen--- Late

The largest ear of any. Ripens a little later than the Stowell's, **pkt. 8c., pt. 10c., qt. 20c., gal. 60c., pk. \$1.10.**

Choice Garden Beets

We prepay postage on all small seeds by the pkt., ounce or $\frac{1}{4}$ pound. If wanted in larger quantities add at the rate of 8c per pound to prices given in catalogue.

Detroit Dark Red

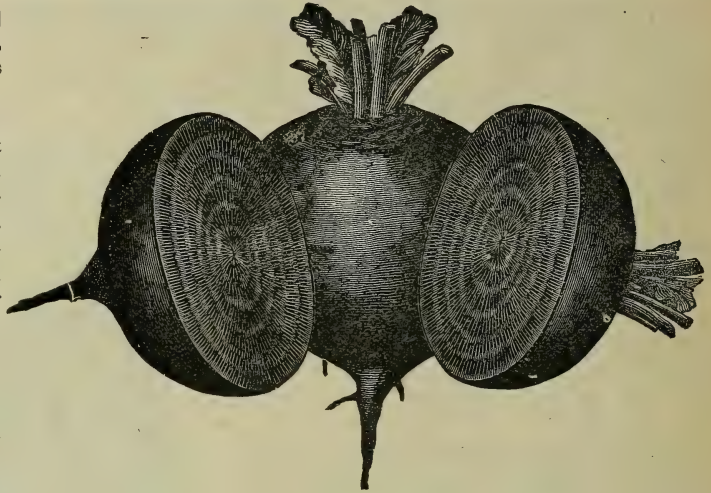
—Flesh deep dark red, even after canning. It is by far the best for canning, making a strikingly handsome product much superior to that obtained from any other variety. It has small upright growing tops, early maturing and the splendid shape and color of the roots make it popular with everyone who plants it. Tops small, upright growing so that the rows may be close together, leaf, stems and veins dark red, blade green; roots very crisp, tender and sweet and remaining so for a long time. Packet 5c., oz 10c., $\frac{1}{4}$ lb. 30c., 1 pound 85c.

Early Bassano—Very early flat sort, tender, juicy; flesh white and rose colored, circled with pink; very sweet.

Crosby's Egyptian—A very superior beet, good size, few small tops, very small tap root, fine quality and above all, quick rapid growth.

Early Eclipse—One of the best table beets, almost as early as the Egyptian and much superior in quality. Has small tops and is smooth, fine grained and tender. Color, bright red; sometimes with lighter zones.

Crimson Globe—They are quick sellers, smooth skinned, slightly oblong, deep crimson color, and of the very finest quality; sweet and tender, being entirely free from stringiness. Small, dark, bronze foliage, admitting



of close and easy culture. When washed and bunched for market the rich color and oval shape make them very attractive. When cooked it is of even, solid dark red. Every family gardener should plant this new excellent beet. pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 30c., pound 85c.

Extra Early Egyptian—Of flattened shape and dark red color, not large but extremely early. Of good quality when young and tender.

Early Blood Turnip—The old standard. A good summer and autumn variety.

Long Smooth Blood—The standard in long beets for table use.

Prices of all Beets listed except where noted. pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., pound 65c.

BEETS. FOR SUGAR AND STOCK FEEDING

Vilmorin Improved Sugar—A much improved strain of the preceding; very valuable as a sugar-producing beet.

Golden Tankard Mangel-Wurzel—A bright yellow; handsome and sweet, and very productive; tops small, roots large

Mammoth Long Red Mangel-Wurzel—Very large, selected strain, the largest and finest roots. The standard

Prices of all sugar beets Pkt. 5c., $\frac{1}{4}$ lb. 15c., pound 30c.

American Grown Cabbage Seed

All our Cabbage seed is grown on Long Island, N. Y. It is a well known fact that Long Island produces the best Cabbage Seed in the world. One ounce of seed produces about 2,500 plants. Four ounces will grow enough plants to set an acre.

EARLY JERSEY WAKEFIELD—The standard first early Cabbage for the market grower. Heads conical, medium size, little outer foliage, and can be planted closely. Our strain of this is specially fine, being very early, of good size and uniformly reliable heading qualities. Pkt. 5c, oz. 25c, 1-4 lb. 65c, lb. \$2.00.

EARLY SPRING—The earliest flat head sort; about four days to a week later than Charlton Wakefield. Of fair size and solidity for so early a flat head sort, and especially suitable to light or well-drained soils, as it heads quite close to the ground. Quality excellent, and commands good prices on the market. Pkt. 5c, oz. 25, 1-4 lb. 65c, lb. \$2.00.

SURE HEAD—A popular strain of the Flat Dutch type. Heads are large, round, flat on top, very hard and fine of texture.—Aptly named, as it is always a "sure header."



EARLY JERSEY WAKEFIELD

CHARLESTON, OR LARGE WAKEFIELD—A strain in which the plant is larger and a little later than the Early Jersey Wakefield, the head being fully as solid but less pointed and considerably larger. Exceedingly hardy, and on account of its earliness and size of head with market gardeners and shippers it is deservedly a very popular sort to follow Jersey Wakefield. Pkt. 5c, oz. 25c, 1-4 lb. 65c, lb. \$1.75.

EARLY WINNINGSTADT—An excellent variety for general use. Very hardy and sure header. The heads are hard, conical in shape, and keep well summer and winter.

HENDERSON'S EARLY SUMMER—THE EARLIEST LARGE HARD HEADING VARIETY—Large, flat or slightly rounded heads. stands longer without bursting than most early sorts. Valuable for both market and family.

EARLY FLAT DUTCH—An old variety, but still popular. It succeeds anywhere. It belongs to the second early class and produces large, solid, flat heads of uniform shape and handsome appearance; when fully developed they frequently weigh twelve to fifteen pounds each. The heads are fine grained and of dainty flavor.



SURE HEAD

Prices of all varieties Cabbage listed except where noted. Pkt. 5c, oz. 20c, 1-4 lb. 50c, lb. \$1.75.

Cabbage, Late Varieties

PREMIUM LATE FLAT DUTCH
—The standard variety; a sure header and a good keeper. Many gardeners depend entirely upon this variety for winter cabbage.

Brussel Sprouts

A species of the cabbage family, which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as cauliflower. The seed should be sown about the middle of May, in a seed-bed and the plants afterwards set in rows two feet or more apart, and cultivated like cabbage.

IMPROVED DWARF—Produces compact sprouts of the finest quality; good keeper. Pkt. 5c, oz. 20c, 1-4 lb. 65c.

ALL SEASON—HEADS LARGE, SOLID AND OF EXCELLENT KEEPING QUALITY. A SPLENDID CABBAGE FOR GENERAL USE. This variety is extensively grown by market gardeners in the East, where it is considered one of the best sorts for marketing. The heads are of good size, almost round and slightly flattened. Plants are vigorous in habit and seldom fail to produce a solid head, even in the poorest seasons.

LARGE LATE DRUMHEAD—Another standard winter variety largely grown for main crop. Large solid heads, always reliable as a header; of good quality.



PREMIUM LATE FLAT DUTCH

MAMMOUTH RED ROCK—Best variety of late red cabbage. It is sure heading, of large size and deep red color. Those who like a red cabbage will be pleased with this one. Pkt. 5c, oz. 20c, 1-4 lb. 60c, 1b. \$2.00.

Collards

A form of cabbage much grown in the South. The plants are thickly set with large spreading leaves. The growth at the top is very tender and delicate in flavor. Culture the same as cabbage. Package 1-2 ounce 5 cents. Ounce 10 cents. 1-4 pound 25 cents.

Carrot

DANVER'S HALF LONG—A rich orange red variety very smooth and handsome, producing very large crops. Tops are of medium size and coarsely divided. Roots taper to a blunt point. Flesh is sweet, crisp and tender. Packages 5 cents. Ounce 10 cents. 1-4 pound 20 cents. Pound 65 cents.

LONG ORANGE—An improved and pure strain, producing roots of the largest size

and superior quality. Colors a deep orange flesh very tender. One of the best varieties for home garden or market. Package 5 cents. Ounce 10 cents. 1-4 pound 20 cents. Pound 65 cents.

CHANTANEY—One of the finest of all carrots for home or market. Color deep orange red; about six inches long, stump rooted, smooth, and of excellent quality. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1b. 75c.

CAULIFLOWER



EARLY SNOWBALL

ERFURT EARLIEST DWARF—This variety will stand the test with any extra early sort. It is very dwarf in habit, producing pure white heads of great solidity and finest quality; quite desirable for forcing or for planting in open ground. For a general all-round market garden variety we can highly recommend the Erfurt strain. Packet 15 cents, $\frac{1}{4}$ oz. 75 cents, oz. \$2.50.

EARLY SNOWBALL—The best variety for general use. Of dwarf habit, and produces fine, large, white heads in a very short time. Always tender and sweet. An excellent sort for either spring or fall planting. Our seed is grown in Denmark by a specialist and cannot be surpassed. pkt. 10c., $\frac{1}{4}$ oz. \$1.25, oz. \$2.

CELERY

GOLDEN SELF BLANCHING—The finest and best early self-blanching variety. The ribs are perfectly solid, crisp, brittle, and of delicate flavor, surpassed by no other variety, while it has the decided merit of being self-blanching to a very remarkable degree. Our stock of this variety is selected with special care. It is the strain for market gardeners, also family garden. pkt. 10c., $\frac{1}{4}$ oz. 15c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Don't forget the free discounts, as listed on the inside front cover page.

WHITE PLUME—It self-blanches beautifully, the stalks are crisp, succulent and of delicious flavor, and no variety makes as handsome appearance on the table. Package 5 cents, ounce 25 cents, $\frac{1}{4}$ pound 65 cents, pound \$2.25.

GIANT PASCHAL—One of the largest varieties grown, often attaining the immense height of two and one half feet. Stalks very tender and sweet; also very hardy, often standing freezes which completely kill other varieties. Package 5 cents. Ounce 20 cents. $\frac{1}{4}$ pound 60 cents. Pound \$2.

GOLDEN HEART DWARF—An excellent variety of pronounced dwarf habit; quality the very best. A first class variety for home gardens. Package 5 cents. Ounce 20 cents. $\frac{1}{4}$ pound 50 cents. Pound \$2.



GOLDEN SELF BLANCHING grown exclusively for its roots, which, when cooked, sliced and used with vinegar, make a fine salad. Packet 5 cents. Ounce 10 cents. $\frac{1}{4}$ pound 40 cents.

CELERICAC or **TURNIP-ROOTED CELERY**—

“Good” Cucumbers

SUPERIOR DARK GREEN—In our estimation this is the best cucumber grown. It can be aptly described as the perfect cucumber. The fruits are a glossy dark green and remain that way longer than any other variety we know of. It is equally good as a pickle cucumber or for slicing for table use. The flesh is solid, tender and of excellent quality at all stages of growth. It is very prolific, bearing fruits of even size all through the season. Give this cucumber a trial this season and you will not be disappointed. Packet 10 cents. Ounce 15 cents. 1-4 pound 50 cents. Lb. \$1.75.

DAVIS' PERFECT—A sure money-maker for those engaged in growing cucumbers under glass “for profit” as well as for truck gardeners to grow out-of-doors. On account of its being such a strong grower it is able to resist the cucumber disease. It is as early as the earliest strain of White Spine. Pkt. 5c, oz. 10c, 1-4 lb. 40c, lb. \$1.15

EARLY WHITE SPINE

Our select strain of this well known and popular variety is unsurpassed for either table or market use. It is very prolific, early, of good size, straight, well formed and full at both ends. The fruit is from six to eight inches long and two to three inches in diameter, with flesh of excellent flavor, white clear, crisp and very tender.

EARLY WHITE SPINE

LONG GREEN—The old standard variety and the best known of any cucumber. It can be depended upon to produce true, dark



SUPERIOR DARK GREEN

green fruit from six to eight inches in length, and of the fine quality.

EVER BEARING—Wonderfully prolific. Bears continually the entire season. Blossoms and cucumbers at all stages of growth are found on the same vine. If the fruits are gathered as they become fit for use the vines will go right ahead blooming and bearing all season. It is one of the earliest sorts and a heavy cropper. The cucumber will average about five inches in length and are of good form and color. An excellent sort for small pickles. Pkt. 5c, oz. 15c, 1-4 lb. 40c, lb. \$1.40.

ARLINGTON WHITE SPINE—A selection from the White Spine, being more pointed at each end. The young fruits are usually crisp and tender, and are of very dark green color.

EARLY GREEN CLUSTER—This is a short variety, of a pale green color, which matures very early and is an excellent forcing kind. It is rather prickly and contains but few seeds. It is a great favorite for pickling on account of its productiveness.

JAPANESE CLIMBING—Medium size, well formed fruit of a dark green color. This variety throws out strong grasping tendrils which enables it to climb trellis, wire netting, strings or any other suitable support.

Prices of all cucumbers listed except where noted. Pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.00.

Miscellaneous Vegetables of Merit

PARSLEY

CHAMPION Moss CURLED. A very robust and free grower. Leaves large, dark green and beautifully curled. Stands drouth and cold well, and is the very best variety for either market or home use. Package 5 cents, ounce 10 cents, $\frac{1}{4}$ pound 25 cents, pound 65 cents.



PLAIN OR SINGLE. pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.

FINE CURLED OR DOUBLE. pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.

PARSNIPS



HOLLOW CROWN— Also known as "large sugar." Is the best variety for all purposes. The roots are smooth, with fine grained flesh of excellent quality. package $\frac{1}{2}$ oz. 5 cents, ounce 10 cents, $\frac{1}{4}$ pound 25 cents, pound 50 cents.

Kale or Borecole

DWARF GERMAN GREEN— Sow in autumn for sprouts of green, desirable in every garden. Height eight inches. pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., 1 lb. 75c.

TALL GREEN SCOTCH— oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Kohl Rabi

Earliest White Vienna— Greenish-white outside, with clear, white flesh within. Smooth, short leaf; good for forcing; fine quality. pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.



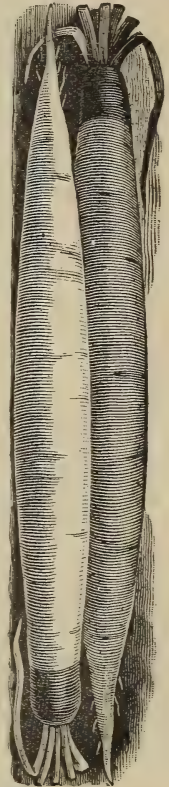
Earliest Purple Vienna— Same in every respect as the earliest White Vienna, except in the outside color. pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 70c.

KOHLRABI

OYSTER PLANT OR SALSIFY

Succeeds best in a light, well enriched mellow soil. Sow early in spring in drills fifteen inches apart, covering the seed one inch deep.

Mammoth Sandwich Island— The best sort and the only kind we list. It grows uniformly to an extra large size nearly double that of others. The roots are of a very superior quality and flavor. It is especially suited for market gardeners. package $\frac{1}{2}$ ounce 5 cents, ounce 10 cents, $\frac{1}{4}$ pound 35 cents, lb. 90 cents.



ENDIVE

Endive— One of the best salads for fall or winter.

Green Curled— Ornamental curled leaves of dark green which blanch white and crisp. package $\frac{1}{2}$ ounce 5 cents, ounce 10 cents, $\frac{1}{4}$ pound 35 cents.

EGG PLANT



Egg Plant seed will not vegetate freely without a strong uniform heat, and if the plants get the least chilled they seldom recover from the shock.

Improved New York Spineless— The standard variety everywhere.

The eggs come early, are of large size, regular oval shape and a fine deep purple in color. Package 5 cents, ounce 25 cents, $\frac{1}{4}$ pound \$1.

SPINELESS

Lettuce, Choice Variety

Hanson—One of the best of all varieties, forms a large, flat, solid head, the inner leaves blanching to a beautiful white. Always crisp and tender even in the hottest weather of summer.

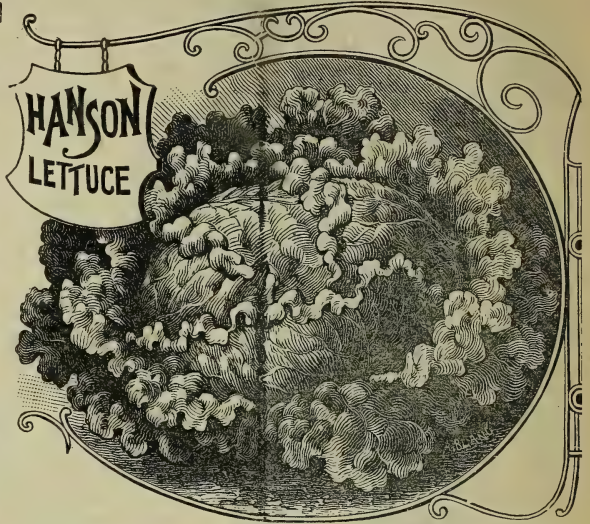
Early Curled Simpson—The standard cutting or loose head variety. It is earlier than any of the heading kinds. Is used extensively for sowing in cold frames and is also largely grown in the open ground, especially in small home gardens. It forms a close, compact mass of curled, yellow-green leaves.

California Cream Butter—Stands the hot summer weather of the West and South better than almost any other variety. Well formed large heads, with rich, yellow leaves that are thick, tender and fine flavor.

Prizehead—We highly recommend this sort for the family garden. It is early, of fine quality and remains fit for use for a long time before running to seed. It does not head up solid, but forms large, loose bunches. The leaves are nicely curled and are very tender and sweet, bright green in color edged with brown-red. It may be sown early in the spring and does well also for summer use.



Grand Rapids



Black Seeded Simpson—The best of the non-heading lettuce. Larger and lighter in color than early curled Simpson. In many parts of the West this is the most popular and best selling variety. It forms large, loose heads of very thin and slightly ruffled leaves of a light yellowish green.

White Cabbage or Butter—A well-known extra large, hard-heading variety which does especially well in this climate.

Early Curled Silesia—Does not head but forms a compact mass of curly leaves of yellowish green. It matures early; generally grown in cold frames as an early outside crop.

Grand Rapids Forcing—A favorite sort for growing in hot beds or green houses and a fine sort also for outdoor sowing. It grows very rapidly, forming large, loose curled bunches. The color is a yellowish green. The leaves are crisp, tender and fine flavored. Tons of it are grown by the large gardeners every season. As an outdoor lettuce for cutting when a few inches high, we know no better sort than the Grand Rapids.

Prices of all varieties lettuce listed. Pkt. 5c, oz. 10c, 1-4 lb. 30c, lb. 85c.

Pepper

Culture—Sow early in hot-beds or boxes, or in open ground late in spring. When four inches high transplant in rows 20 inches apart and one foot apart in rows.

Ruby King—

Large and handsome, of mild flavor, Bright ruby red color. 4 1-2 to 6 inches in length, and from 9 to 12 inches in circumference— It can be sliced for salads or eaten with salt, and for stuffing or mixed pickles. Package 5 cents. Ounce 25 cents. 1-4 pound 65 cents. Lb. \$2.25.



Ruby King

Red Chilli—Smaller and later than Cayenne. Extensively used for pepper sauce. Sharp flavor. An excellent sort. Package 5 cents, ounce 25 cents, 1-4 pound 65 cents.

Monstrous New Pepper Chinese Giant—

This splendid new pepper has created quite a sensation among gardeners who have grown it for the market. It is the earliest, largest and best of all the large red peppers grown—fully double the size of Ruby King, which has heretofore been the leading sort. Its enormous size, beautiful shining red color and mild flavor, cause it to sell readily, and gardeners will find it the most profitable sort that can be handled. The plants make a vigorous growth of low, compact, bushy habit, and are well set with the giant fruits. Package 10 cents, 1-2 ounce 20 cents, ounce 30 cents, 1-4 pound \$1.00, Lb. \$3.50.

Long Red Cayenne—A long, slender red pepper, very hot and pungent. Package 5 cents, ounce 25 cents, 1-4 pound 65 cents.

Mustard

Ostrich Plume—The leaves are finely cut and densely curled, resembling wavy ostrich plumes. Of very quick growth and mild flavor. The finest mustard in existence. Package 5 cents, ounce 10 cents, 1-4 pound 20 cents, pound 50 cents.

Giant Southern, Curled—This variety is a great favorite in the South for garnishing. Grows about 2 feet in height with very

large dark green leaves, the edges of which are finely curled. Package 1-2oz. 5 cents, oz. 10 cents, 1-4 pound 20 cents, pound 40 cents

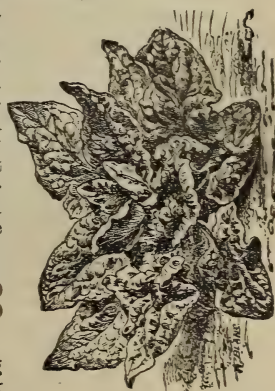
White or Yellow London—Tender and mild. Pkt. 5 cents, ounce 10 cents, 1-4 pound 20 cents, pound 40 cents.

Black or Brown—Old standard variety. Package 5 cents, ounce 10 cents, 1-4 pound 20 cents, pound 40 cents.

SPINACH

Bloomdale or Savoy—Highly popular with market gardeners. A crop of this variety weighs much heavier than any other variety. It grows very quickly. Fine for fall sowing. Package 1-2 ounce 5 cents, ounce 10 cents, 1-4 pound 20 cents, pound 40 cents.

Long Standing—Leaves dark green and thick. Not inclined to run to seed for a long time. Very popular with market gardeners. Pkt. 5 cents, ounce 10 cents, 1-4 pound 20 cents, pound 40 cents.



RHUBARB OR PIE PLANT

Fine roots of rhubarb for setting out can be grown easily from seed in a single season, and this is much the cheapest way to secure a stock of plants.



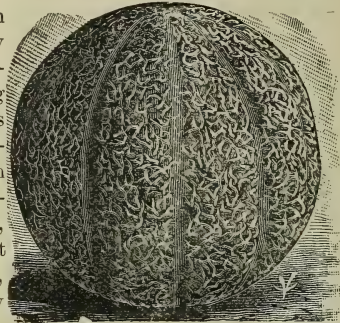
Myatt's Victoria-

The most popular variety; comes quite true from seed. Pkt. 5c, ounce 10c, 1-4 lb. 35, lb. \$1.00

Muskmelons and Canteloupes

CHAMPION MARKET—Produces fruit **nearly three times as large** as the original Gem or "Rocky Ford." The melons are

regular in form nearly round, average girth eight inches in diameter, with heavy, well-netted ribs, thick light green flesh, with very thin rind



CHAMPION MARKET

and true Netted Gem flavor. Package 10 cents, ounce 15 cents, $\frac{1}{4}$ pound 30 cents, lb. 90c.

Acme—Fruit medium sized oval, slightly pointed at stem end, slightly ribbed, covered when ripe with coarse netting. Flesh thick green, very finely flavored and sweet. A very productive, sure cropper and one of the most uniformly good, green fleshed melons on our list.

Gold Netted Gem—One of our greatest offerings. Color golden and a beautiful netted skin. An ideal market sort.

Cannon Ball—In shape it is round as a ball, medium size, six to eight inches in diameter, and heavily netted. The flesh is light green, melting and deliciously flavored, remarkably solid, with extremely small seed cavity.

Rocky Ford, Selected Seed—The world wide popularity of this variety is as great today as when it first came into prominence several years ago. The melons grown at Rocky Ford, Colorado, are superior in quality to any, but there are soils in every section that will produce them almost as good. We offer only the true and most selected strains, exactly as grown in Colorado. The flesh is greenish in color, firm in texture, and so sweet and luscious that it may be eaten close to the rind.

Prices of all canteloupes listed except where noted. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 85c.

Tip Top—This splendid melon has "held its own" during the past sixteen years or more with all introductions in the melon line, and no yellow fleshed melon of which we have any knowledge compares with it in good qualities. The testimony of all who have used **Tip Top** is that every melon produced, whether big or little, early or late, is a good one, sweet, juicy, finest flavor, firm (but not hard) fleshed, and eatable to the outside coating. Its appearance on the market is very attractive—sells on sight. Customers soon learn to pick them out and will have no other variety. Fruit of large size and flesh attractively bright salmon in color; nearly round, evenly ribbed, moderately netted, and very productive. package 5 cents, ounce 10 cents, $\frac{1}{4}$ pound 30 cents, lb. 90 cents.

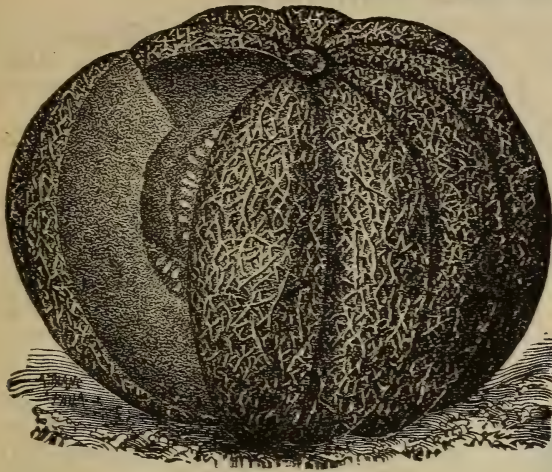
Osage or Improved Miller's Cream—This melon has made its way into public favor from the market rather than the garden, and is highly prized by those who like an exceedingly sweet and highly flavored melon. It is medium sized, oval, slightly ribbed, dark green in color, covered more or less with shallow netting. The flesh is deep salmon color and very thick, there being but a slight cavity in the center of even the largest fruit. A favorite variety for the market. packet 5 cents, ounce 10 cents, $\frac{1}{4}$ pound 30 cents.

Montreal Market—Is of immense size melons frequently weigh fifteen pounds. Flesh green, very thick and of good flavor; skin green, deeply ribbed and netted.

Hackensack, Extra Early—Green flesh. This is a variety possessing all of the good qualities of the large Hackensack, but by careful selection a strain has been secured which will ripen about a week or ten days earlier than the old variety, making it more desirable where an extra early large melon is required.

HACKENSACK, LARGE—(Green Flesh). A large round sort. The skin is deeply netted, flesh green, inclining to yellow at the center.

Cantaloupes, Continued

**Jenny Lind**

Banana---Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon. Fragrant, and one of the most delicious of melons. Early.

Burrell Gems---It has a tough, thin rind, well arched ribs covered with a closely laced and interlaced gray netting. The blossom end is protected with a well de-

Jenny Lind---Vine rather small but vigorous and productive. Fruit small, somewhat flattened, deeply ribbed, fresh green and exceedingly sweet. This variety ripens early, and on account of its size is particularly good for hotel use. We know of no green fleshy melon maturing equally as early that is of more excellent quality.

Netted Gem---A favorite everywhere they ripen extra early and grow to an average weight of one and a quarter pounds. The flesh is thick, sweet, juicy, fine grained and of a light green color. Skin a deep green and heavily ribbed and netted.

veloped button. Shape quite elongated---the diameter from stem to blossom blossom being one third more than from top to bottom. Meat is of a reddish orange, very thick, fine grained and spicy, not containing too much water or acid. Seed cavity small and triangular, the seed closely held in place in three lobes. Pkt. 5c, oz. 10c, 1-4 lb. 30c, lb. \$1.10.

WATERMELON

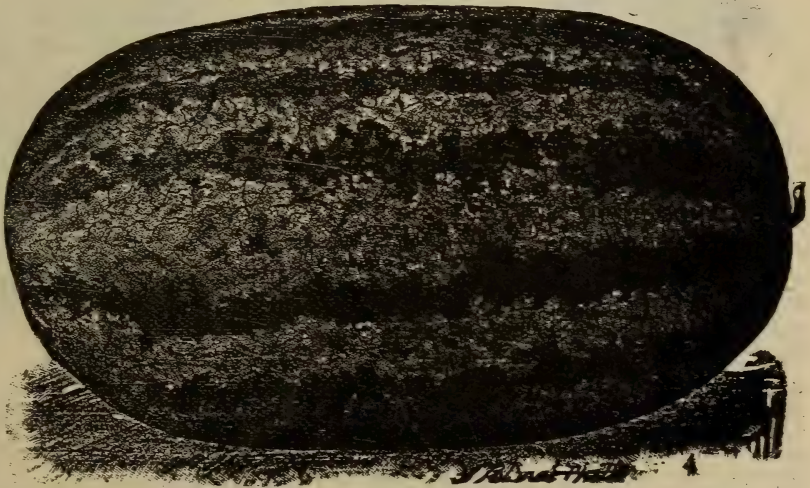
Bradford

The right melon for market or home garden. Long and dark green with lighter wavy bands.

In superb, luscious flavor it is equaled by none. Rind very tough, making it one of the best shipping melons known. Rind also very thin,

while the bright red flesh and broad, solid heart makes it one of the finest melons we have ever seen. The melons average eighteen to twenty inches long by ten to twelve inches in diameter. The Bradford is also early, being ten days earlier than Sweetheart and Dixie. If you will give this melon a trial we are confident you will have no other. Package 5 cents, ounce 10 cents, 1-4 pound 30 cents, pound 90 cents.

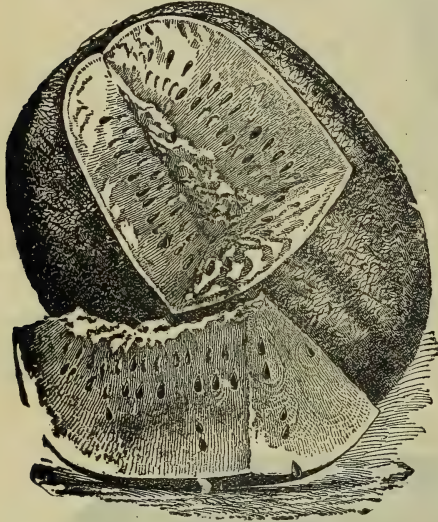
Halbert Honey---A new, exceedingly sweet and deliciously flavored melon, similar in size and form to Kleckley's Sweets, but of more regular shape and much more productive. It is of handsome, long,

**Bradford**

oval shape as shown in illustration, averaging about eighteen inches in length and about six inches in diameter. The skin is an attractive, very dark green; the flesh is of a beautiful bright red, extending almost to the outer rind, is very tender and melting, and entirely free from stringiness. The rind, too, is so thin and brittle that it cracks open very easily and will not stand hauling or shipping long distances. For home use and nearby markets it is unequalled in quality; hardy, early and productive. Pkt. 5c, oz. 10c, 1-4 lb. 35, lb. 90c.

WATERMELONS, Continued

KLECKLY'S SWEETS—One of the finest melons for home use in cultivation. It is of medium size and oblong shape. The skin is a handsome dark green. The bright red flesh is exceedingly sweet and melting. The rind is so thin that there is practically no waste. pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.



SWEETHART

Sweethart—A very early large sized melon. Nearly round, but a little longer than thick. The skin is a beautiful light mottled green with distinct netted lines of a darker shade. The rind is thin but very tough and it bears shipment well. The solid flesh is a deep, rich red, very crisp and melting. Is always a good seller on account of its handsome appearance and luscious quality.

BLACK DIAMOND—The fruits are of large size, often weighing 75 to 100 pounds each. The color is a rich deep greenish black, and the shape of the melon is a roundish oval. Rind thin but quite tough, enabling it to withstand rough handling. Flesh rich red, thick, firm, solid and sweet.

TRIUMPH—(Mammoth sort from Florida)—An enormous melon, reaching in good soil and under good cultivation a weight of one hundred pounds. It is a first class shipper. The skin is a rich, dark green, and the bright red flesh is surpassed by no other melon in fine sweet flavor. It is a variety that will become very popular with melon growers as soon as it becomes better known. pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 90c.

DARK ICING RIND—A splendid extra early melon. An excellent variety for either home use or nearby market. An attractive and popular melon. Dark green rind; the flesh is of a deep, rich red color and of the most delicious flavor.

Gypsy or Georgia Rattlesnake—A very large melon and a good shipper. The skin is striped light and dark green. The flesh is bright scarlet, deliciously sweet and sugary. The variety is very popular in the South for shipping.

Alabama Sweets—A valuable shipping melon of recent introduction. Its chief merit lies in its extreme earliness and delicious quality so rarely found in an early shipping melon. They sell readily at good prices. Shape long, of good size, uniformly striped light and dark green; very sweet and luscious. pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Cole's Early—Very hardy, a sure cropper and extremely delicate in texture of flesh, which is of a dark red color, possessing all the desirable features. Medium size, nearly round; rind green striped with lighter shades. package 5 cents, ounce 10 cents, $\frac{1}{4}$ lb. 20 cents.

Mountain Sweet—An old standard. Flesh red and of good quality. Everyone who has ever grown this melon was delighted with it. It is long in shape, dark green in color, thin rind and of the most luscious flavor.

Gray Monarch—Skin light, almost white, attractively mottled. Shape long and grows to a large size. An excellent sort for the market and of fine sweet flavor. Also called Long Light Icing.

Kolb's Gem—The old popular market and shipping variety. pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Dixie—Oblong shape, light and dark green striped. Flesh scarlet, very sweet and sugary; rind tough, making it an excellent shipper.

Price of all watermelons listed except where noted. pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Choice Onion Seed

Onion Seed is one of our greatest specialties. It is many times better to not plant any onions at all than to sow the worthless stuff that is sold in so many cases and called onion seed. First quality onion seed can never be low in price, as the cost of producing it right is very great.

Mammoth Prize-Taker

This is the large beautiful Spanish variety so often seen in the fruit stores and markets of all large cities. Enormous size ---12 to 14 inches in circumference. Although of such great size, it is very hardy and a good winter keeper, as it ripens up hard and firm; very fine grained and of mild, delicate flavor. The outside skin is a rich yellow, while the flesh is white. They bottom well, are free from stiff necks, and have produced more bushels of marketable onions to the acre than any other variety. In the

market they attract much attention, and sell readily at good prices. Pkt. 10c, ounce 15 cents, 1-4 pound 50 cents, pound \$1.90.

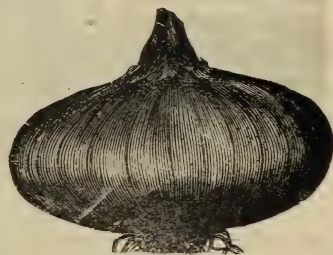
Select Danver's Yellow Globe---Our choice Connecticut grown seed produces true globe shaped Danvers; unlike California-grown seed, which runs to flat, our select strain produces the largest possible crops of hard symmetrical bulbs; large in size, an early and abundant cropper, very thick bulb, flat or slightly convex bottom, full oval top with small neck and rich brownish-yellow skin. Pkt. 5c, oz. 10, 1-4 lb. 40c, lb. \$1.50.

Onions--Red Varieties



SOUTHPORT RED GLOBE

SOUTHPORT RED GLOBE---The Globe onions, because of their handsome shape, always bring a higher price in the market than the flat varieties. The Red Globe is of good size, a beautiful shining, dark red color excellent flavor and keeping qualities. Those who grow onions for market will find this a paying sort. Pkg. 5c, oz. 15c, 1-4 lb. 55, lb. \$1.90.



Extra Early Red Flat

An extra early, medium sized, flat onion. It is of a dark color, excellent for early market. Pkt. 5c, oz. 15c, 1-4 lb. 50, lb. \$1.75.

Large Red Wethersfield---This onion is still the leading red sort for main crop. The bulbs are somewhat flat and under good cultivation will grow six inches in diameter. Enormously productive and a first class keeper. The skin is a deep purplish red. We use great care to have our stock of this variety of true type and are satisfied no better seed can be obtained anywhere. Pkt. 5c, oz. 15, 1-4 lb. 55c, lb. \$1.75.

Onions, White Varieties

LARGE WHITE GLOBE---A very handsome onion of large size and perfect ball shape, which keeps better than any other white variety and always commands the highest prices. Skin is thin and a clear silvery white. Flesh firm, fine grained and of mild delicate flavor. Excellent for small home gardens, where early variety is not required. Package 10 cents, ounce 20 cents, 1-4 lb. 65 cents, lb. \$2.25.

SILVER SKIN OR WHITE PORTUGAL---An early white flat onion. Fine for using

as green onions or as a winter variety. Package 5 cents, ounce 15 cents, 1-4 pound 50 cents, pound \$1.90.

MAMMOUTH SILVER KING---One of the largest onions in cultivation. Very large, early, flat, but thick through. Tender and of very mild, sweet flavor; uniform in size and shape. We recommend it for exhibition at fairs, and for fancy market, as well as the home table. Pkg. 5c, oz. 15c, 1-4 lb. 60c, lb. \$2.00.

ONION SEED, Continued

RED BOTTOM ONION SETS—By mail qt. 30c.; express or freight, qt. 10c., gal. 35c., bu. \$2.

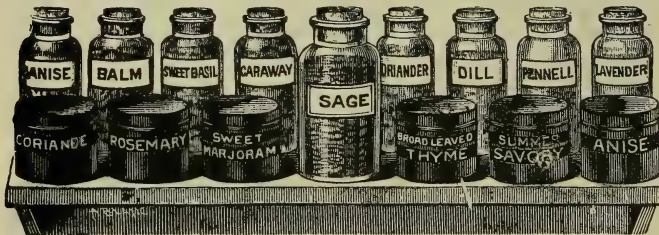
WHITE BOTTOM ONION SETS—By mail, qt. 30c.; express or freight, qt. 10c., gal. 35c., bu. \$2.50.

YELLOW BOTTOM ONION SETS—By mail qt. 30c.; express or freight, qt. 10c., gal. 35c., bu. \$1.90.

TOP ONION SETS—By mail, qt. 35c.; express or freight, qt. 15c., gal. 55c., bu. \$3.



Prices subject to market fluctuations. Write for prices of large quantities. Bottom sets are sold basis 32 lbs. to the bushel! Top sets 28 lbs.



HERBS, each, 5c., Per Packet

Every kitchen garden should have a few herbs. They are easily grown and are always pleasant and desirable for flavoring, perfuming and medical purposes.

All varieties marked with (*) are perennial.

Anise.....oz. 10c.	Coriander.....oz. 10c.	Marjoram.....oz. 25c.
Basil.....oz. 20c.	Dill.....oz. 10c.	*Thyme.....oz. 15c.
*Fennel.....oz. 15c.	Savory.....oz. 20c.	*Horehound.....oz. 30c.
*Sage.....oz. 15c.	*Caraway.....oz. 10c.	*Lavender.....oz. 25c.



LEEK—Sow the seed and cultivate the young plants the same as for onions.

LONDON FLAG—Package 5 cents, ounce 10 cents, $\frac{1}{4}$ pound 30 cents.

Peanut or Ground Peas

Six or eight quarts of shelled nuts to the acre. The peanut does best in light, sandy soil, tolerably high. They should be planted in April in rows three and a half feet apart and two feet apart in the row. Drop two or three good peas to each hill, cover about two inches.

Valencia Red—pound 15c., 10 lbs. \$1.20.

Red Spanish—Shelled, pound 20 cents, 3 pounds 50 cents.

Virginia White—pound 15 cents, 10 pounds \$1.20.

If wanted by mail add 8 cents per pound to above prices to prepay the postage.



Pumpkin Seed

Cushaw Crookneck—An old favorite, grows to good size, cream colored flesh, a good all year round keeper. **Package 5c, ounce 10c, 1-4 pound 25c, pound 90c.**

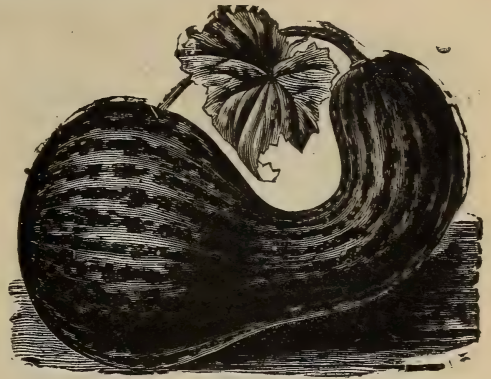
Large Cheese—Superior to the field varieties, as it is excellent for table use as well as for stock feeding. Is fine for pies. Shape flat, skin mottled light green and yellow. **Package 5c, ounce 10c. 1-4 pound 20c, pound 45c.**

Small Sugar—Very sweet and tender. Looks like a Yankee pumpkin but smaller and entirely different in quality. Early, very prolific. **Package 5c, Ounce 10c, 1-4 pound 20c, pound 50c.**

Japanese Pie—A high quality pumpkin with very thick flesh with a rich salmon color, dry and sweet. Seed cavity small. Of medium size, early. **Package 5c, ounce 10c, 1-4 pound 20c, pound 60c.**

Kentucky Field—Large, round, slightly ribbed; soft shell salmon color. Very productive and excellent for stock. **Package 5 cents, ounce 10c, 1-4 pound 15c, pound 40c.**

Mammoth Tours—Salmon colored skin, flesh yellow, of good quality. A splendid keeper and valuable for stock feeding;



Cushaw Crookneck

also for exhibition purposes. **Package 5c, ounce 10c, 1-4 pound 25c, pound 90c.**

King of the Mammoth—The giant among pumpkins; often reaches a weight of over a hundred pounds. Skin salmon colored. Flesh bright yellow, fine grain and of good quality. **Pkt. 5c, ounce 10c, 1-4 pound 25c, pound 95c.**

Tennessee Sweet Potato—Medium sized, pear shaped, striped white and green; thick flesh and of good flavor. **Pkt. 5c, oz. 10c, 1-4 lb 25c. lb. 65c.**

SQUASH

Early White Scalloped Bush

—the white "Pattypan" or "Cymplings," as it is called in the South. A very **Early White Scalloped Bush** early and continuons bearer. Ships well. Color, light cream. A first-class variety for market growers. **Pkt. 5c, oz. 10c, 1-4 lb. 25, lb. 60c.**



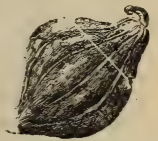
Mammoth White Bush Scallop—Excellent large strain, earlier than the common sort; creamy-white; splendid for market or home garden; good shipper. **Pkt. 5c, oz. 10c, 1-5 lb. 25c, lb. 65c.**

Golden Hubbard—This is a very distinct sort of the shape and general character of the Hubbard, but a little smaller; earlier to mature and of rich, orange red color, instead of the dark olive green of the

old Hubbard. **Pkt. 5c, oz, 10c, 1 lb. 25c, lb. 80c.**

Mammoth Chili—The giant among squashes. Shape round flattened at the ends. Color orange yellow. Flesh very thick and good quality. A good winter keeper. The best sort for stock feeding. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 65c.**

Chicago Warty Hubbard—The ideal hubbard for home or market. Very large and uniform in size. Has a rich dark green skin which is rough and heavily warted. It attracts when others are a drug on the market. The vine grows strong and vigorous, and are as productive as the old variety. **Pkt. 5c, oz. 10c, 1-4 lb. 25c lb. 80c.**



Yellow Summer Crookneck—Best variety for the home garden in summer. Very productive bush form. Small crooked necks with warts. Shell very hard when ripe. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**

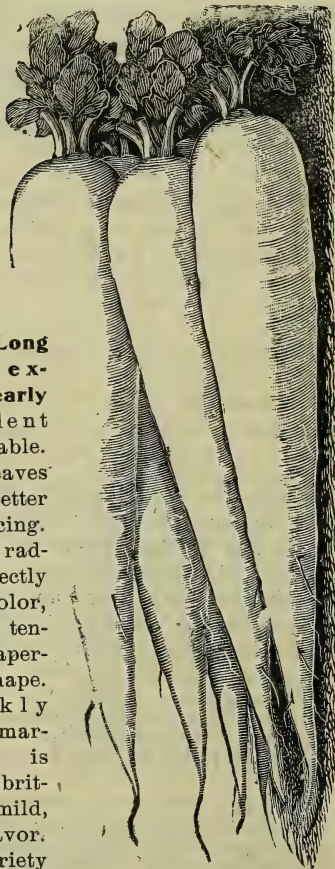
Radish Seed

French Grown Stock

CRIMSON GIANT

The Finest Early Radish Ever Introduced

A variety extraordinary, in that, while growing to an unusually large size, it is also tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time, and unlike other forcing varieties, does not become pithy, even when twice their size in diameter. Root turnip-shaped; color, a beautiful crimson-carmine, flesh firm, crisp and tender. While very desirable as a second early forcing variety, we recommend it especially for the first early out door planting: Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.



Icicle—Long white extremely early

—Excellent and profitable. Has few leaves and is better for forcing. The Icicle radish is perfectly white in color, and long, tender and tapering in shape. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. A fine variety for market and

private gardeners, who have a demand for an early long white radish.

Icicle

Early Scarlet Turnip—Of very quick growth and equally well adapted to either forcing or open air culture. The skin is a rich scarlet color, the flesh snowy white and always mild, crisp and sweet.



Scarlet Turnip White Tip

Earliest White Turnip Forcing—The earliest white radish in cultivation. Good sized radishes can be pulled in twenty days after sowing seed. Of fine round shape, flesh and skin pure white, and as a result of its quick growth, very crisp, mild and tender.

Scarlet Turnip White Tip—Similar to the Early Scarlet Turnip but it is beautifully tipped with white. It is of very quick maturity, becoming ready for the table eighteen or twenty days from time of sowing seed.

Long White Lady Finger—The long White Lady Finger is a very handsome radish, a rapid grower and of excellent quality. While not as desirable as Icicle for forcing, it has long been the most popular for open ground culture. It is slender and graceful in form, with delicate white skin and remarkably tender and brittle flesh. The flavor is mild and sweet.

Prices of all varieties listed except where noted. Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 65c.

RADISH CONTINUED

FRENCH BREAKFAST—Beautiful white scarlet with white tip. Mild flavored and firm fleshed. Equally valuable for growing outdoors in small gardens as it is forcing for market.

LONG BRIGHT SCARLET—A decided improvement in both color and earliness over varieties of this class. It is also thicker. It has small tops and does not run to neck. In color it is a brilliant, clear scarlet with a white tip.

EARLY LONG SCARLET SHORT TOP—The old standard long red variety, early and of excellent quality. This variety is largely used by market gardeners who consider it one of the most profitable sorts which they can plant. Also an excellent variety for home gardeners.

WINTER RADISHES—China Rose, rose color; Black Spanish, black color; California White Mammoth, white color.

Chartier

Summer — The roots are about an inch in diameter and six inches long. Color a bright red, shading to a white tip; flesh remarkably crisp and mild.

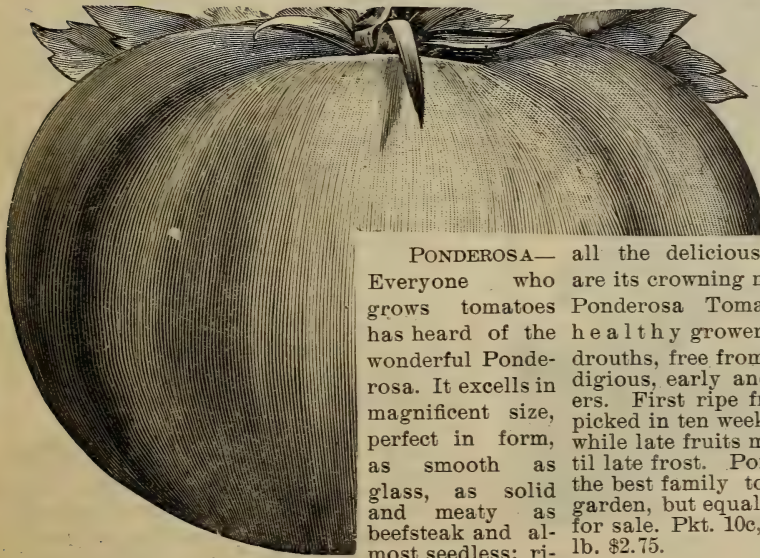
WHITE STRASBURG SUMMER — Of good quality at all stages of its growth. When fully grown the roots are about five inches long and very thick at the shoulder. It never becomes tough or pithy, even in the hottest weather.



Chartier

Tomato Seed

OUR GREATEST SPECIALTY



PONDEROSA— Everyone who grows tomatoes has heard of the wonderful Ponderosa. It excels in magnificent size, perfect in form, as smooth as glass, as solid and meaty as beefsteak and almost seedless; ri-

pen thoroughly from center to skin, its glowing crimson color permeating the flesh to the heart; it is free from rot, but above all the delicious quality and flavor are its crowning merit. The plants of Ponderosa Tomato are luxuriant, healthy growers, independent of drouths, free from blight, and are prodigious, early and continuous bearers. First ripe fruits and are often picked in ten weeks after seed sowing, while late fruits may be gathered until late frost. Ponderosa is not only the best family tomato for the home garden, but equally valuable to grow for sale. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.75.

pen thoroughly from center to skin, its glowing crimson color permeating the flesh to the heart; it is free from rot, but above

SPARK'S EARLIANA—The earliest smooth bright red tomato of good size—The plants are compact in growth, with short closely jointed branches, setting fruits very freely in

the center.

So freely are the fruits set that each plant will produce a five-eighth bushel basket of tomatoes during the season of about four

TOMATOES CONTINUED

weeks, which covers the bearing period of the early plants. The tomatoes are quite uniform in size and of smooth regular form, averaging three inches in diameter and from two to two and a half inches in depth; they are fleshy, solid and excellent for shipping purposes. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75, lb. \$2.00.

DWARF CHAMPION—Of dwarf, upright and compact habit forming a small tree which requires no staking or other support. The fruit is uniform in shape; color a purplish red; early and wonderfully productive. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.



Dwarf Champion

ACME—Vine large, hardy and productive, ripening its first fruit very early and continuing to bear abundantly until cut off by frost. Fruit in clusters of four or five, invariable round, smooth and of good size, free from cracks and stands shipment well.

Flesh solid and of excellent flavor. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$2.00.

Golden Queen—"Queen of all the yellows." Its superior flavor has brought it into general favor as a table fruit. It is solid, always smooth, entire free from ridges, large in size, ripens yearly, and is the most beautiful tomato ever introduced. The larger and riper fruit are sometimes tinged with red at the blossom end. Beautiful sliced with red sorts. Fine for preserves. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.85.

Livingston's Dwarf Stone—Double the size of Dwarf Champion. The largest fruited upright-growing variety in existence—In habit of vine it resembles Dwarf Champion, but it is of stronger growth and more erect. The strong, upright growth allows very close planting, at least half closer each way than the distance required for the ordinary vining varieties. In small gardens the plants may be set 18x24 inches apart each way and yet produce an abundant crop. The shape of the fruit is perfect, with a good skin, which is free from cracks about the stem-end. It is very solid, ripens evenly, and is of most splendid quality. Single specimens weighing one pound are quite common. A very productive variety. Once thoroughly known will be a great favorite. Pkt. 10c, oz. 25c, 1-4 lb, 75, lb. \$2.75.

Improved Trophy—The improved strain is fully equal to any of the modern sorts in quality and productiveness and is used by some of the largest canners to the exclusion of all other sorts. The fruits are very large, smooth, solid and heavy; color bright red. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

The Stone—This variety has attained great favor with market gardeners and canners everywhere. Its solidity and carrying qualities are remarkable; its color is a beautiful red; in shape it is perfectly smooth and thick from stem to blossom end, making it very handsome and salable. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb, 60c, lb. \$2.00.

Beauty—Of a very glowing crimson in color with a slight tinge of purple. It attains its size later in the season than Acme and other good sorts. It has yielded one-third more than Acme. In shape it is perfectly spherical. It has a thick skin and hence is not as liable as some other varieties to crack just after a rain. It has more solid flesh and fewer seeds than average kinds, and is less inclined to rot. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 50c, lb. \$1.85.

TOMATOES CONTINUED

Matchless—A standard large fruit main crop sort of bright red color. The fruits are always of a uniform shape, heavy and meaty; very handsome in appearance and of superior flavor. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.85.

Perfection—An Improved Livingston's Acme with a red skin. Produces large fruit until the close of the season. Invariably smooth; of handsome blood-red color. Some canners prefer it to all others, especially those who put up the tomatoes whole. It usually

ripens ten days ahead of Livingston's Stone. A splendid sort for the home garden as well as for market. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Small Fruited Tomatoes—Excellent for preserves, pickles and pies.

Red Cherry, Yellow, Plum, Red Pear-shaped, Yellow Cherry, Yellow Pear-shaped.

All the above at Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 55c.

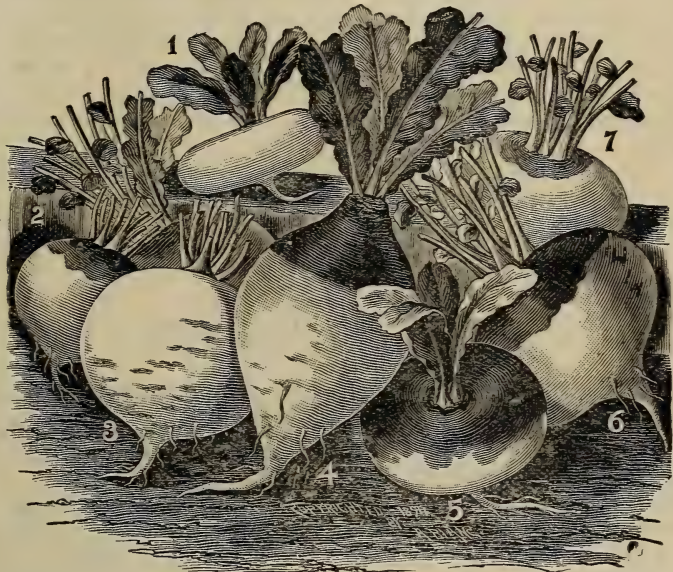
Turnips and Rutabagas

PURPLE TOP WHITE GLOBE—One of the handsomest and most profitable turnips, unsurpassed for either home or market use. It is a large rapid growing sort with globe shaped roots, purple at the top and white underneath. It is of the same character and habit as the Purple Top Flat, but, owing to its great size, will produce twice as much to the acre.

WHITE GLOBE—Immense white globe-shaped roots, in rich ground, frequently attained the weight of 12 pounds. Considering this size it matures early. A very good autumn variety for both table and stock.

RUTABAGA—American Yellow Purple Top. The most satisfactory variety for either family use or stock feeding. It is hardy, productive, sweet, solid and of fine quality. It keeps perfectly all winter and into the following summer.

NEW WHITE EGG—This is certainly one of the very choicest and finest varieties; comparatively new and producing beautiful egg-



shaped roots, with thin, white skin. They are always firm, solid and of sweet flavor.

IMPROVED EARLY WHITE FLAT DUTCH—Excellent early garden variety and very much used. The roots are of medium size, very flat and the color white. Very early, sweet and tender.

Price of all Turnips and Rutabagas, Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 45c.

Tobacco

BIG ORONOKA—A favorite Ounce 25.

MISSOURI BROAD LEAF—A well-known standard sort; very large yielder. Ounce 30c.

CONNECTICUT SEED LEAF—This variety is staple, carefully selected seed. Ounce 25c.

WHITE BURLEY—A western variety which produces one of the most fashionable types for manufacturing and cutting. Ounce 25c.

HAVANA—Commands a high price for cigar stock; superior, extra fine. Ounce 30c.

Package any variety of Tobacco, 5c.

The quality and appearance of tobacco is greatly influenced by soil and climate. Heavy clay soil tends to produce large plants, and the leaves cure into dark brown or red color, with a large quantity of oil or gum. Light, thin soil makes light, thin leaves, which when cured are a bright mahogany and sometimes yellow.



To grow flowers well the soil must be carefully prepared as for vegetables. Spade the beds to a depth of at least eighteen inches and make them rich with well rotted manure, thoroughly mixed in. A small quantity of sand will greatly improve stiff, heavy clay. **Don't bury your seeds.** Plant the largest, like Nasturtiums, not more than an inch deep, Balsams half an inch, Asters, a quarter of an inch, Petunias, Poppies, etc., on the surface. Firm the soil over the seeds with a board and keep it constantly moist. Don't allow seedlings to crowd each other. Transplant in cloudy weather or in the evening and shade from the sun a day or two.

All Flower Seeds 5c per packet, except where noted. Free Discount.

For each 25 cents sent you may select one 5 cent packet extra. For 50 cents select 15 cents in seeds extra, and for each \$1.00 select 25 cents in seeds extra. We prepay postage on all Flower and Garden Seed by the Packet, ounce or $\frac{1}{4}$ lb.

Asters

Victoria—A strain in which the petals curve outward, overlapping like those of the double dahlia. Plants about eighteen inches high are very free flowering; flowers of unusually attractive form and brilliant color. Good for pot culture.

SNOW WHITE, Clear White one of the most useful	Pkt. 10c
LIGHT BLUE, Light Lavender blue very free flowering	" 10c
BRIGHT PINK, free bloomer	" 10c
VIOLET, Darker than light blue	" 10c
DEEP RED, Brilliant carmine shade	" 10c
DARK BLUE, Rich purplish shade	" 10c
BRILLIANT CARMINE, Very bright and attractive	" 10c
FINEST MIXED, The Finest Mixture	" 10c

SEMPLER'S BRANCHING—A class of very strong growing asters not coming into bloom until very late, but producing flowers so large, double, perfect in form and borne on such long stems that florists sometimes sell them for chrysanthemums. For many years this class with us has been entirely free from

aster blight. Pkt. 10c.

HOHENZOLLERN ASER—The finest type of the Giant Comet, or Ostrich Feather type of Asters. Much larger than the Giant Comet, the petal longer, more curled and twisted and produced in greater abundance. Borne on long stems they make cut flowers, par excellence. Finest mixed Pkt. 10c.

CHINA GLOBE-FLOWERED ASTERS—Mixed Colors—A tall, double flowering class, very largely sold, but not equal to the improved varieties. Pkt. 5c.

QUEEN OF THE MARKET—This variety is two weeks earlier than most other sorts. Plants dwarf and branching; flowers quite double and valuable for cutting. Best, Pkt. 5c.

TRUFFAUT'S PEONY-FLOWERED PERFECTION—A standard Aster, two feet in height, blooming very freely; the flowers are large, very double, peony-like, the florets mostly incurved. The colors range from pure white to light blue, violet, crimson, rose, and scarlet. Finest mixture of the above. Pkt. 10c.

4 Packets of any Asters listed at
10c per Pkt. for 25c prepaid.

Flower Seeds

All Flower Seeds 5c Per Packet, Except Where Noted

Alyssum (Mad Wort)

Popular little plants for edging or massing, blooming profusely all summer. Will also do well in the house in the winter.

Sweet Alyssum—Of trailing habit. Fragrant.

Little Gem—Very dwarf and a great bloomer.

Antirrhinum—(Snapdragon—)

They blossom the first year, if seed is sown early. Slightly covered with leaves, they withstand our winters. One and one-half to two feet.

Giant Flowered, Mixed colors.

Dwarf Snapdragon, one foot, mixed colors.

Balsam

(Lady Slippers)—An old-time favorite with brilliant double flowers. Succeed best in good rich loam. Height two feet.

Double Mixed—White, rose, pink, scarlet, etc.

Balsam Apple and Pear

Ornamental climbers, with pretty foliage and flowers followed by handsome fruit, which when ripe, bursts open exposing the bright red seeds within. Ten feet.

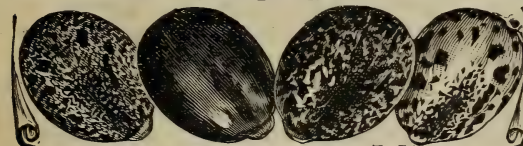
Balsamina, (Balsam Apple.)

Charantia, (Balsam Pear.)

Cypress Vine

Known and liked everywhere for its delicate fern-like foliage and beautiful star-shaped flowers. Fine for covering fences.

Mixed Colors—White and Scarlet.



Castor Beans (Ricinus)

Each plant makes a perfect pyramid of foliage fourteen feet tall, with gigantic leaves three feet or more across.

Zanzibarensis—The most striking variety.

Cosmos

Giant Flowered Fancy Cosmos—These gigantic flowers measure from 4½ to 5 inches across, petals fringed, pink toothed and plain, and in colors from pure white through shades of pink and red to rich dark red. Packet 10c.

Early Flowering Mixed.

Carnation Marguerite

These popular flowers are easily grown from the seed, they begin blooming in a few months after sowing the seed. The large double flowers are sweet scented and beautifully fringed.

Candytuft

Indispensable for cutting. Always in bloom. When sown in April blossoms from July till frost. Very hardy.

Empress—A complete mass of snow white flowers.

Mixed—White, carmine, crimson, rocket, white colors.

Canna

New Large Flowering French.—The finest of all bedding plants; blooms freely the first year from seed sown early.

Cineraria

A favorite free blooming green house plant of wondrous beauty with flowers of great richness and diversity of color. Pkt. 10c.

Coleus

Probably the best known and most popular of ornamental foliage plants. Leaves are of many shades of color and have a rich velvety appearance of extraordinary beauty. No lawn should be without these decorative plants. Tender perennial.

Finest Hybrids, Mixed. Extra choice Pkt. 10c

Centaurea Cyanus, (Bachelor's Button)

Very free-blooming hardy annual; also called Blue Bottle, Ragged Sailor, Korn Blume, etc. Mixed colors.

Dahlia Seed

But few people know that Dahlias can be raised from seed and will bloom the first year. The Dahlias we offer, if sown early, will bloom profusely all fall. The seed germinate as easily and certainly as Zinnias, and from the very first development are strong stocky little plants. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist. When all danger from frost is over plant them in the bed or border in the garden, and from then on they will prove no more trouble than if the tubers had been used instead of seed.

Double Dahlias. Good mixed, many fine varieties.

Single Giant Perfection. This strain is a decided advance on the ordinary singles. The plants are of a strong, robust habit, and produce in great abundance flowers of immense size, averaging 6 inches across, of the most bewildering variety of coloring. Pkt. (100 seeds) 5c.

Dianthus or Pinks

Double Mixed Chinese—Annual. Mixed. Pkt. 5c.

China or Indian Pinks—Fine Single, Mixed. Pkt. 5c.

Double Imperial—Variegated colors. Pkt. 10c.

Double Heddiwigi—Large, single, white flowers. The plants grow one foot high and bloom profusely from early summer until frost. Pkt. 10c.

FLOWER SEEDS CONTINUED

Everlastings

These are mostly annuals with straw-like flowers that keep their form and color for years.

Mixture of many kinds, large pkt. **10c.**

Escholtzia—California Poppies

This mixture includes all single and double sorts, and is the finest and most complete mixture of these charming annuals in existence. Pkt. **10c**; 2 for **15c.**

Good mixed. A great variety of color. Pkt. **5c.**

Fox Glove (Digitalis)

An old-fashioned flower of stately growth; highly ornamental, large cup-shaped flowers; height three feet,

Forget-Me-Not (Myosotis)

A favorite old-fashioned flower, bearing in profusion clusters of blue blossoms. It thrives well in the shade or open border. Hardy perennial.

Alpestris

Plants of compact, bushy habit with finely cut foliage, growing six to eight inches high; flowers, large, blue.

Imperial Japanese Morning Glories

These grand New Morning Glories from Japan are remarkable for their large size and exquisite colors. Grow quickly to a height of 12 to 20 feet. They are of innumerable shades of blue, white, yellow, slate, copper, brown, bronze, almost black, and often seven or eight colors and tints in one flower. Pkt. **5c.**, oz. **25c.**

Four O'Clock

Well known annuals of easy culture. Mixed colors.

Gourds

Hercules Club—Grows six feet long.

Sugar Trough—Often used for buckets.

Dish Cloth or Chinese Sponge—(Luffa.)

Nest Egg.—Excellent for nest eggs.

Pear Shaped—Bottle shaped.

Dipper Gourd—Used for dippers.

Small sorts, mixed, price **5c** per pkt.

Heliotrope

Highly valued for the fragrance of its flowers and duration of bloom. Half hardy perennial, blooming the first year from seed.

Very choice mixed.

Hollyhock

Entirely different and more beautiful than the plant of twenty years ago; being much more compact in growth, the flowers larger, more richly colored and the double varieties of better form. For a background to a flower garden nothing is better. Hardy perennial; five feet high.

Double Choice Mixed..... Pkt. **10c**

Double Good Mixed..... Pkt. **5c**

Larkspur

The larkspur is one of the handsomest and most useful of plants, and for large gardens is invaluable.

Double Dwarf Rocket, Mixed. Produces beautiful spikes of double flowers in many shades. Hardy annual; one foot high.

Lobelia

Elegant little plant of easy culture, completely covered with flowers from June until September.

Erinus Erecta—Blue and white mixed.

Mignonette

A very well known hardy annual producing dense spikes of exceedingly fragrant flowers. If sown at intervals in spring and early summer it will bloom until killed by frost. Seed sown in autumn will bloom early the following spring. Thrives best in a cold temperature. Hardy annual; one foot high.

Improved Machet—A highly developed dwarf but vigorous strain; splendid, large, red flower spikes. One of the best for pot culture.

Marigold

A well known magnificent plant, with handsome flowers, of rich, beautiful colors, and neat compact, green foliage, producing a splendid effect in almost any situation. Half-hardy annual.

Double Tall African; Double Dwarf French.

Moon Flower

(*Ipomœa Grandiflora Alba*). Will grow thirty to forty feet in a single season and be covered with its large, white flowers every evening and cloudy day. The hard outer coat of the seed should be cut through with a sharp knife, care being taken not to cut any deeper than the hard shell, and the seed planted about 1 in. deep in moist soil

FLOWER SEEDS CONTINUED

in a box or a pan and set in a warm place. If the soil be kept moist, germination will take place in about 2 weeks. After the plants are up, plant outdoors in a sunny situation when danger from frost is past. Pkt. (12 seeds) **10c.**

Nasturtiums

Next to sweet Peas, these are unquestionably the most popular summer flowers. They are of very easy culture and bloom freely the entire season.

Tall or Running—These grow very rapidly reaching a height of five or six feet. Fine for covering arbors, trellises, or unsightly outbuildings. Flowers of rich coloring, from very light yellow to deepest Maroon. Pkt. **5c**, ounce **10c**, $\frac{1}{4}$ pound **25c**, pound **90c**.

Madam Gunter's Hybrids—Blotched and striped flowers of very brilliant and beautiful colors; grow about four feet high. Pkt. **5c**, oz. **15c**, $\frac{1}{4}$ lb. **45c**, lb. **\$1.10**

Dwarf Mixed—All colors and shades, blotched and striped. Pkt. **5c**, oz. **10c**, $\frac{1}{4}$ lb. **25c**, lb. **90c**.

Dwarf Chamelion—Single plants of this variety bear flowers of almost all shades found in Nasturtiums. The flowers change color from day to day until they fade. Are not only curious, but beautiful. Pkt. **5c**, oz. **15c**, $\frac{1}{4}$ lb. **45c**, lb. **\$1.10**.

Petunia

Single Flowering Mixed—Very free blooming and fine for bedding. Pkt. **5c**.

Giants of California—Mammoth, single flowers, with wide, yellow throats. Pkt. **10c**.

Phlox Drummondii

Grandiflora—No flower can surpass the Phlox in brilliancy or variety of color, or freedom of bloom. Large Flowering, Finest Mixed. Pkt. **10c**.

Dwarf—Grows only six inches high; valuable for bedding.

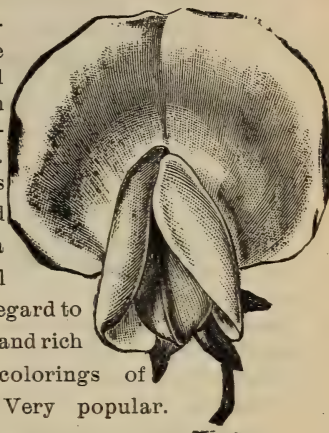
Portulaca or Rose Moss

One of our best hardy annual plants; of easy culture. It delights in a sunny situation, and blooms continuously during the summer. The flowers are of the richest colors.

Single Fine Mixed.
Double Fine Mixed.

Giant Pansy Mixture

This splendid mixture is a blended combination of giant flowering pansies. It contains all colors and will prove a delightful surprise in regard to the great size and rich and varied colorings of its flowers. Very popular.



Pkt. **10c**, 3 pkt. for **25c**.

Giant Trimardeau Pansies

Giant Trimardeau, Mixed—These are the largest flowered of all; a most showy class, of robust and very compact growth. The flowers are carried well above the leaves; splendid for bouquets, as the stems are long. Mixture of finest colors. Pkt. **10c**; 3 pkts. **25c**.

German Pansies—The German Pansies are noted for their almost endless variations, which include striped, blotched, bordered, veined, and marbled combinations, in every possible color and shade. The plants are of compact growth, and flower most profusely and continuously all Summer. Pkt. **5c**.

Poppies

Shirley—Flowers exceedingly graceful and elegant; single; colors ranging from blush-white, delicate pink, rose, and carmine, to bright, sparkling crimson, occasionally blotched and streaked with white. The best and most showy of all single Poppies.

Cardinal Poppies—(New hybrids). About eighteen inches high; habit erect and compact. Foliage dark green, deeply lacinated. Flowers chamois and brilliant rose on light ground; purple, crimson, brick rose on black, brown or violet ground.

Peony-flowered—A splendid class of large, double flowers, with broad petals, resembling a Peony; colors range from white to pink, carmine, scarlet, crimson, and maroon.

FLOWER SEED CONTINUED

All Varieties 5c per Packet Except Where Noted

Sweet William

Auricula Flowered—A beautiful mixture of single varieties, showing a distinct eye.

Double Fine mixed.

Single Fine Mixed.

Verbenas

Mammoth, Mixed—A carefully selected and fine strain of Verbenas. The trusses and individual flowers are of the largest size, of brilliant colors; free-blooming and of vigorous habit. For best results seed should be sown early in the house or hotbed, and transplanted in the beds in May. **Pkt. 10c.**

Fine Mixed—A very satisfactory assortment; containing many fine colors and shades. **Pkt. 5c.**

Mammoth Defiance—Bright, rich scarlet; has small leaves. **Pkt. 10c.**

Mammoth Blue Varieties—Showy and distinctive; fine for edgings. **Pkt. 10c.**

Mammoth Pure White. **Pkt. 10c.**

Zinnia

A very showy and brilliant annual of easy culture. Stands the heat of summer well, and succeeds in any common garden soil. Mixed Colors **Pkt. 5c.**

Salvia (Flowering Sage)

Splendens Grandflora (Scarlet Sage)—Gorgeous plants with numerous spikes of intensely vivid scarlet flowers ten to twelve inches in length. Continues to flower profusely all Summer and Fall. Easy of growth. The

most popular Salvia in cultivation. **Pkt. 10c.**

Coccinea Lactea—A fine pure-white flowering variety. **Pkt. 5c.**

Wild Cucumber

This is the quickest growing Climber in our list. It will grow thirty feet in one season. It is thickly dotted with pretty white fragrant flowers, followed by an abundance of ornamental prickly seed pods. **Pkt. 5c, 1-2 oz. 10c, oz. 15c.**

Scarlet Runner Bean

Ornamental climber. Bright scarlet spray of bloom followed by delicious edible beans. **Pkt. 5c, 1-2 pint 25c.**

Lavender

Popular, sweet scented hardy perennial, fine for mixed border. 3 feet. **Pkt. 5c, 1-4 oz. 15c.**

Special Collection

A most brilliant flower garden for a very little money. **One full sized packet each of the following 8 "Easy to Grow" Flowers for 25 cents post-paid:**

SWEET ALYSSUM; Asters, Paeony-flowered perfection. CANDYTUFT, Mixed Annual Sorts; NASTURTIUMS, Tall Climbing; PANSIES, Large Flowering; PHLOX DRUMMONDII; SWEET PEAS, Rainbow Mixture; ZINNIAS, Dwarf Mixture.

Kaw Brand Plant Food

The best plant food offered on the market. It is odorless, easy to apply and is highly concentrated.

You have, no doubt, marveled at the beauty of plants in the florist's shop or greenhouse and wondered how so beautiful a plant could emanate from so small an amount of soil. The secret, if secret it be, is in the weekly feeding it is given by the florist.

One teaspoonful of **Kaw Brand Plant Food**, dissolved in a pint of water, is equal in fertilizing property to one gallon of liquid manure. The result of a few weeks' feeding by this method is more pronounced than three or four months of ordinary growth under ordinary methods, and the plants present a more attractive appearance within seven or eight days of the first treatment.

Cleanliness and convenience are very essential reasons why you should use **Kaw Brand Plant Food** in preference to all others.

Price for good sized package, enough for an ordinary number of house plants for several weeks. **15c.** By mail postpaid **30c.**

Sweet Peas

Four New Beautiful Sweet Peas

Helen Pierce—Especially new and distinct in color and markings and briefly described as a Gloxinia flowered type. The color is bright blue, mottled on pure white. Large Pkt. 10c, oz. 20c.

Queen Alexandra—A beautiful scarlet borne on stiff stems and producing in the greatest profusion. Large Pkt. 10c, oz. 20c.

Countess Spencer—This grand orchid flowered sort is a silvery white, suffused with a soft rose pink. The outer edges crumpled and waved. Large Pkt. 10c, oz. 20c.

Gladys Unwin—The most lovely shade of pink, with striking wrinkled or wavy standard and broad wings. Large pkt. 10c, oz. 20c.

One packet each of the above sorts, 30c postpaid.



THE BEST FIFTEEN NAMED SORTS

Countess of Lathom—Cream Pink, self colored. Medium size, hooded form.

Extra Early Blanche Ferry—Standard Rose; wings white tinged with pink.

Dorothy Eckford—The best white.

Hon. Mrs. E. Kenyon—Large Primrose.

King Edward VII—The best red sort.

Lady Grisel Hamilton—Standard Mauve, wings lavender.

Lotta Eckford—Standard white, quite heavily shaded throughout with lilac.

Lovely—Standard and wings both deep pink shading to a very light pink at the edges.

Miss Willmott—Standard orange pink, showing veins of deeper orange pink.

Mont Blanc—Pure white, medium size, open form and very early. Plant is dwarf.

Navy Blue—Indigo and violet; the whole effects of the flower is very blue.

Othello—Very dark maroon, showing veins of almost black; large size, hooded form.

Prima Dona—Pure pink, self colored. Flowers good size.

Prince of Wales—Rose crimson, self colored. The vine is a very vigorous grower.

Prices on all named varieties: Packet 5 cents, ounce 10 cents. One packet each of the 15 sorts for 50 cents

OUR "RAINBOW MIXTURE" OF SWEET PEAS

This is without doubt one of the grandest mixtures of Sweet Peas ever offered. During the several years we have sold it, we have received innumerable testimonials praising the exquisite coloring and profusion of blooms. The different kinds and sorts contained in this mixture are grown separately so that we have an opportunity to choose only the largest and most beautiful varieties. These we mix ourselves in proper proportion for the most brilliant effect. It embraces the finest American and Eckford varieties as well as the latest novelties and will produce a great abundance of giant flowers of beautiful colors. Some are edged, mottled, blended, flaked and striped. Without exception this is the very finest mixture it is possible to make. We recommend that our customers buy these seed by weight and plant liberally.

Price—Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 90c postpaid.

CUPID OR DWARF SWEET PEAS

This type spreads on the ground similar to a verbena, making a plant from eighteen to twenty-four inches in diameter, and rarely grows more than six to eight inches tall when in full bloom.

White Cupid—Pure white

Pink Cupid—Blossoms are good shade of pink.

Mixed Cupids—All colors and shades mixed. Price of all the above sorts. Pkt. 5 cents, ounce 10 cents, 1-4 pound 20 cents, pound 60 cents.

Summer Flowering Bulbs

TUBEROSE

Excelsior Pearl—A favorite flower everywhere. The plants bloom very quickly from bulbs set out in the spring and continue in flower a long time. This new sort is distinguished by its short robust stem, completely covered by large blossoms fully twice the size of the old tuberoses and quite double. The flowers are very fragrant and of the purest waxy-white color. Large selected bulbs by mail postpaid, each **5c.**, six for **25c.**, **45c.** per doz. By express, **35c.** per dozen.

CALADIUM

Also called Elephant Ears. An excellent decorative foliage plant with gigantic, velvety leaves; of exceedingly rapid growth and tropical appearance. Planted singly or in groups on the lawn they make a splendid and effective showing. The leaves are often two feet long and a foot across. The plants are not affected by the hot burning sun of the summer.

Good sized bulbs, 6 to 7 in. around. By mail postpaid each **10c.**, 3 for **25c.** By express **80c.** per doz.

Medium bulbs 8 to 9 in. around. By mail postpaid, each, **15c.**, 2 for **25c.** By express **\$1.25** per doz.

Mammoth bulbs 10 to 12 in. around, each, **25c.** prepaid.

MADEIRA VINE

Also called Climbing Mignonette. A rapid growing climber with beautiful waxy foliage and graceful clusters of flowers of pure white color and delicate fragrance. It succeeds well in partial shade as well as in the sunshine. Very ornamental and useful for shading verandas, arbors, or covering unsightly sheds, stumps, etc. It climbs readily. Bulbs increase and multiply very rapidly. Good strong bulbs by mail postpaid, each **5c.**, six for **20c.**, **35c.** per doz. By express, per doz. **25c.**

BEDDING CANNAS

Large strong bulbs.

Red foliage. Very large. Pink bloom.

Green foliage. Medium height. Pink bloom.

Green foliage. Medium height. Yellow bloom.

By mail postpaid, each **10c.**, 3 for **25c.**

By express each **5c.**, doz. **60c.**

DAHLIAS

Colors. Pink, red, white, yellow, variegated. Good strong roots. By mail postpaid, each **15c.**, 2 for **25c.** By express, each **10c.**, doz. **\$1.**



GLADIOLUS

Superb flowers, embracing a wide range of colors, from delicate shades of pink and primrose to deepest crimson and maroon, also striped and variegated. They bloom freely and quickly, making a most gorgeous display and continue in flower several weeks. For a continuous effect the bulbs may be set out at intervals of several weeks apart. When cut and placed in a vase of water, the blossoms may be kept a long time. Best mixture, including all colors and shades, striped and variegated. Large bulbs, guaranteed to flower. By mail postpaid, each **5c.**, three for **10c.**, **40c.** per dozen. By express, **25c.**

LILY OF THE VALLEY

Best Berlin pips. 6 for **15c.**, doz. **25c.**, 25 for **40c.**, 100 for **\$1.50.**

Cinnamon Vine

A fine, hardy, climber; the tubers grow very large and are edible, like a sweet potato. The vine is a beautiful rapid grower, producing sweet-scented flowers.

Small bulbs. By mail postpaid, 2 for **5c.**, 20c. a doz. By express **15c.** doz., **\$1.** per 100.

Northern Grown Seed Potatoes

Purchaser must pay express or freight charges on all Seed Potatoes, Field Seeds, Poultry Supplies and Fertilizers. Except where noted.

No potatoes grown can be compared with those in the North, either for vigor and freedom from disease or producing and long keeping qualities. As the prices on Seed Potatoes are so uncertain we do not attach any prices by the bushel, but will promptly quote prices on request, and we solicit your patronage in this line, and guarantee you **GOOD HONEST GOODS.**

Early Ohio—Ours are the pure Ohio carefully grown especially for seed in the famous potato country of the North, and will yield crops that will surprise you. By express or freight. **Peck 35c**

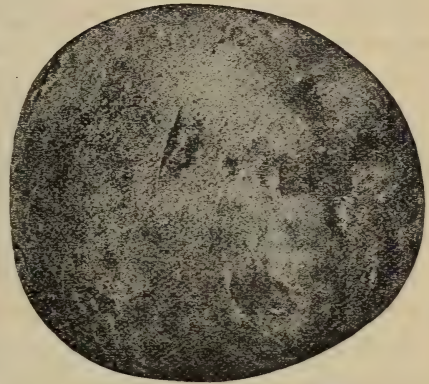
Rural New Yorker—Usually called "Rural," is a medium, second early potato, which is now well and favorably known the country over as a large yielder of excellent quality. Tubers nearly round, flattened, with very smooth, pure white skin, always attractive in appearance. **Peck 30 cents.** By express or freight.

Burbank—A fine table and long-keeping potato for main crop. The tubers are oblong in shape, flesh very solid, of good flavor and snowy white color. We consider this one of the best main crop varieties.

Extra Early Triumph—There is good reason why the Triumph should be popular. It is from seven to ten days earlier than the Ohio, and that oftentimes means a difference of many dollars in the crop. The potato is of good size, squared at ends. Skin is red, flesh is very white and firm. Very productive. **Peck 45 cents.** By express or freight.

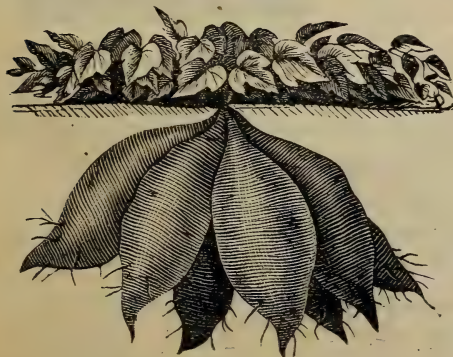
Early Red River Rose—Medium early in season, large size, pinkish white, rather long, great yielder and fine quality. By express or freight. **Peck 35 cents.**

Vermont Gold Coin—This in our estimation is one of the very best of the medium early white potatoes. It has also proven in this section to be the equal of any other sort as a main crop variety. It is a first class yielder, solid and cooks mealy and is a first class keeper. We personally recommend the Vermont Gold Coin to you as a potato worthy of a trial. Price, by express or freight. **Peck 50c, bushel \$1 50, 2 bushels for \$2.25.**



Bliss Early Triumph

Seed Sweet Potatoes



Big Stem Jersey—This great improvement in the Sweet Potato line comes from the State of Delaware. The color outside is Old Gold and is very attractive. Inside, very rich yellow. The table quality is unsurpassed. In appearance unexcelled; all seeming to shape up well whether large or small. (In fact there are not many small ones in them). Their color the richest yet; their table qualities second to none; their keeping qualities are among the best. Especially adapted to poor, sandy soil, and will grow more potatoes on poor land, with less fertilizer than any other variety we have ever seen. They sell readily

in any market. We have sold this variety for the last three seasons and will say that we know of nothing better in Sweet Potatoes. Price of plants 100 by mail prepaid 40c. By express or freight, 100 plants 30c, 500 or over at \$2.50 per thousand. Price of seed. **1-2 peck, 35c, peck 55c, bushel \$2.00.**

Seed Sweet Potatoes Continued

Providence—One of the newest, and sure to become the standard when better known. In color the Providence is a satiny red, skin smooth, and potato even in shape and size. The flavor is exceedingly fine and flesh very tender and sweet, not stringy. One of the best yielders, making good yields on any ground not too poor. As a market variety the Providence is sure to become a winner. Price the same as Big Stem Jersey.

Yellow Nansemond—The old standard long, yellow potato, considered one of the sweetest varieties grown. Price: Peck 40c. Bushel \$1.35

Yellow Jersey—Similar to Yellow Nansemond. A good variety. Price: Peck 45c. Bushel \$1.35.

Red Bermuda—The best known of all the red varieties, very large, sweet, and a good yielder. Price **Peck 40c, Bushel, \$1.50.**

Sweet Potato Plants—10,000 plants will set 1 acre. Price of plants of above varieties; **25c per 100 \$2.00 per 1000.**

Special prices on larger quantities.

Pop Corn

White Rice—The most popular sort, and the best.

Queen's Golden—A fine yellow sort; pops perfectly white and very large; immensely productive.

White Pearl—A smooth white pop corn of excellent popping qualities. Ears not as large as Queen's Golden or White Rice, hence not so valuable for a market crop.

Price of any of above varieties of pop corn. Select ears by mail postpaid **10c.** each, 3 for **25c.** By express or freight; pound **10c.,** 5 lbs. for **40c.,** 10 lbs. **75c.**

Mammoth Russian Sunflower

Unequaled as a Food for Poultry

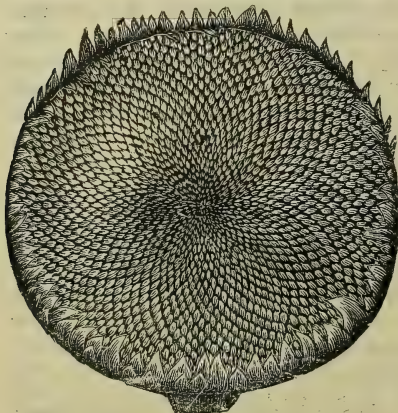
Mammoth Russian Sunflower produces very large heads, often twenty inches across, which are completely filled with the striped



grains. It succeeds everywhere, and requires but little rain to insure a crop. It makes an enormous yield of seed. It is a good food for stock, and cannot be equaled as a food for poultry, being the greatest egg producing food known. Plant when the ground becomes warm, at the rate of two pounds per acre.

Mammoth Russian—The best in all respects for a farm crop.

Price by mail, postpaid, lb. **20c.,** by express or freight, lb. **10c.,** 10 lbs **75c.,** 25 lbs. or more at **6c.** per lb.



Mammoth Russian Sunflower

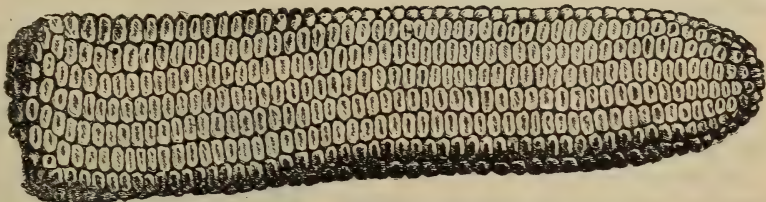
Selected Seed Corn

Carefully Sorted, Well Cured and Tested

All our Seed Corn is hand selected, nubbed and tipped and graded through a special corn grading machine, which takes out all uneven grains, leaving only good plump, even size grains that will plant evenly through any planter. We do not list as many varieties as do some seed houses, nor under as big names, but you may rest assured that the varieties we do list are true to name, and can be depended upon to give you the right kind of results under any favorable conditions.

Reid's Thoroughbred Yellow Dent

If any seed grain can truly be called pedigree, the Reid's Yellow Dent Field Corn is certainly entitled to be known as such,



Reid's Yellow Dent

as its history dates many years back. It has been bred-up and selected with painstaking care to what is at the present one of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of bright yellow color, with solid deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well filled over the ends, and especially the butt, leaving a small shank, which makes it a great favorite with huskers. Best shredding sort, as it shatters the least of any by actual test.

In some of the principal corn-growing states of the West it has no equal, and reports from many other states are very flattering. The Iowa Experiment station report of 1901 gave the Reid's Yellow Dent an average of 100 bushels per acre, while the Agricultural Students' Union of Ohio in 1903 gave it a yield of 14 per cent above all other varieties. As a winner of prizes from the World's Fair at Chicago in 1893, and at Western Corn Carnivals and shows down to the present time, it stands at the head. Sample ear **30c**, large Pkt. **10c**, quart **40c**; postpaid. By freight or express. $\frac{1}{2}$ peck **40c**, peck **60c**. Bushel **\$2.00**; 2 bushels **\$3.75**.

Golden Beauty—For general planting in this section, we know of no other corn that will give better satisfaction than the big, handsome Golden Beauty. It is the largest grained and finest corn in appearance we have ever seen. The ears are of perfect shape. The cob is so small and the grain so large and broad that a single grain will almost cover the end of the cob when broken in half. It is of a beautiful golden yellow color, and of fine quality for grinding. It matures in about 120 days and yields big crops. We recommend the Golden Beauty as the handsomest and largest grained corn in cultivation, and is sure to please every farmer who grows it. By mail, postpaid, per quart **30c**; by express or freight per peck **50c**. Bushel **\$1.75**, 2 bushels **\$3.25**.

Mammoth White Columbian—Undoubtedly one of the largest known varieties of white corn. Has from 14 to 18 rows of broad, deep grains to the ear, while the ears average about 11 to 12 inches in length. We highly recommend this variety, especially to farmers who have deep, rich bottom land. Quart postpaid, **30c**; by express or freight, peck **60 cents**, bushel **\$2.00**, 2 bushel for **\$3.75**.

Selected Seed Corn



Boone County White—A pure bred white corn of very large size and high fattening and milling qualities. It is rather a late variety, maturing in from 110 to 115 days. Years of scientific breeding and patient selection has developed this variety into the largest yielding white corn known, giving it the following fixed characteristics.

A very large, fat, heavy ear, tapering only slightly from butt to tip, rounding off nicely within an inch of the top; eighteen to twenty-four rows of about fifty kernels each, carried out to the full length of the ear.

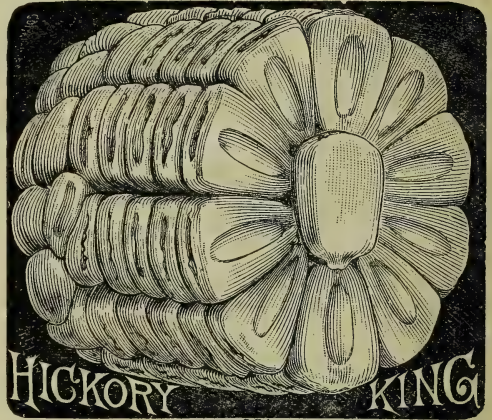
Tips and butts that are exceptionally well filled out, so little waste space is there between the kernels that the entire surface of the cob is completely covered with practically a solid layer of grains one-half to three-fourths of an inch deep.

A white cob of only medium size, which, together with its depth of grain, gives it a remarkably high selling percentage.

Kernels that are of ideal shape, creamy white color, moderately rough with large germ. A very strong, vigorous stalk, ten to fourteen feet high, with the percentage of weak and barren stalks reduced to the minimum.

By mail prepaid per quart **30c.**, by express or freight, peck **60c.**, bushel **\$2, 2 bushels \$3.75.**

Hickory King—This white field corn has the largest grains, with the smallest cob, of any white corn. So large are the grains and so small the cob that on an ear broken in half a single grain will almost completely cover the cob section. Of strong growth; the stalks take a firm hold in the ground and stand upright. It yields splendid crops on light soil, and is undoubtedly the most productive white field corn for the South. Frequently grows with two ears to the stalk. Quart, postpaid, **30c.** By express or freight, peck **60c.**, bushel **\$2, 2 bushels for \$3.75.**

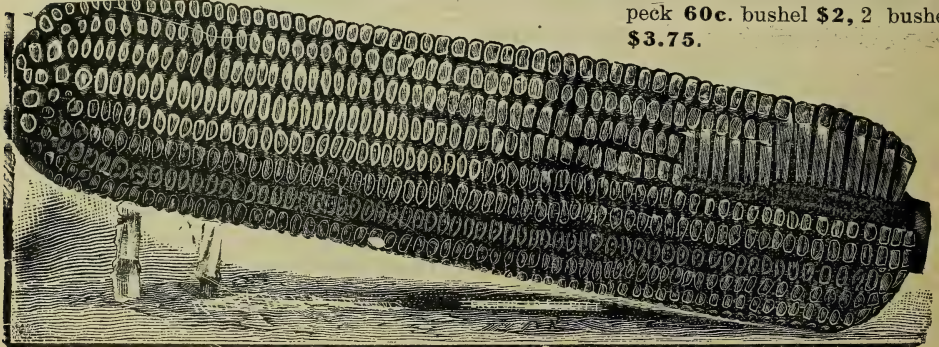


Jumbo Special

A New and Very Desirable Variety. Large ears, having from 18 to 24 rows of grains. Length from 9 to 11 inches. Very deep grains. Color bright yellow. Kernels dented and rows run very even on the cob. Matures in 100 days.

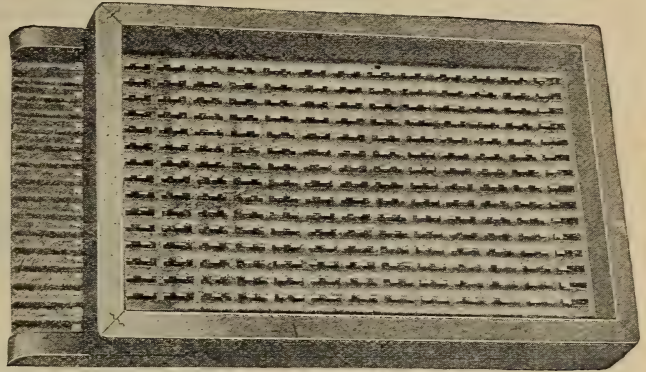
This corn looks good to us and we recommend our friends to try it. If you want the **best big eared** corn grown, with large, heavy, deep grains and small cob, a yellow corn that is strictly right. Plant Jumbo Special.

Our stock of seed is strictly first class. Quart postpaid **35c.** By express or freight, peck **60c.** bushel **\$2, 2 bushels \$3.75.**



Planter Patent Seed Corn Grader

Every farmer should grade his Seed Corn, because it pays. The increase on one acre where the seed is graded with this grader will more than pay the cost of it. This Grader takes out all of the uneven butt and tip grains, and also all of the small grains, leaving only the plump, even grains that will plant even in your planter and will insure you a good even stand over the field. Prices by express or freight, **\$1.50.**



Segment One-Hand Planter



A light, accurate and strong planter. Never cracks a kernel or slips a hill. All the working parts are iron. The feed is very simple and accurate, has no plates to get out of order. Can be adjusted to plant large or small grains, as well as Beans, Peas, and Sweet Corn. Price by express or freight **\$1.50.**

Two-Hand Planters—A good, strong, durable planter that can be depended upon to do good honest work. Price by express or freight **\$1.15.**

Re-Cleaned Grass and Clover Seed Specially Selected for High Purity and Strong Growth

Our Grass and Clover Seeds are selected with special reference to their quality. Purchasers may rely upon our best exertions to furnish them with these vitally important qualities—fresh, pure and free from noxious weeds and foreign seed.

Prices on Grass and Field Seeds are changing almost daily. Our single pound prices include postage paid by us. Deduct 10 cents per pound from pound prices if it be sent with other goods by express or freight. Those wanting seeds in larger quantities than here quoted should write us for special rates and we shall be glad to carefully price, and fully advise you regarding your special requirements.

Terms: Cash with orders. We will gladly mail samples on request.

Perfect Lawn Grass

Absolutely the Best Lawn Seed that Experience can Suggest, or that Money can Buy—A smooth, velvety lawn surrounding a house adds not only to the value, but enhances the enjoyment of every home, whether it be in city, town or country. When properly made, a lawn is the best investment a home owner can make. The following suggestions may be of benefit, especially to those who are about to make a new lawn.

A lawn may be made in two ways, by sodding or by sowing seed. Sodding is not only very expensive, but unsatisfactory as well. Sods are ordinarily taken from a pasture or along the roadside and almost invariably contain weed seed and coarse tufted grasses which make their appearance after the lawn is made. Seeding is not only cheaper, but is attended with better results.

The most important thing to consider in selecting seed for lawn grass is to obtain a proper mixture of several varieties, for two reasons. First, each variety is at its best during a certain part of the season. By properly choosing early, medium and late grasses, a smooth, even, green lawn is assured from early spring to late autumn. Second, a given area can support only so many grass plants of one kind for they all absorb the same sort of food, but if several varieties are sown, the same area will support many more plants, as different sorts live on various elements in the soil. This will give a much thicker and more luxuriant turf all over the lawn.

With these facts in mind our Perfect Lawn Grass Seed is scientifically combined. Our experience has given us an intimate knowledge of grasses, their habits and requirements. In our Perfect Lawn Grass Seed are included only the very best varieties—pure, clean and free from fowl seed. In making new lawns one pound will sow 300 square feet. Not only is Perfect Lawn Grass suitable for the making of new lawns, but it will be found equally valuable for quickly renewing old and worn out areas. Price by mail. Postpaid pound **40c.** By express or freight at purchasers expense. Lb. **30c,** 10 lbs, **\$2.75** 100 lbs. **\$26.50.**

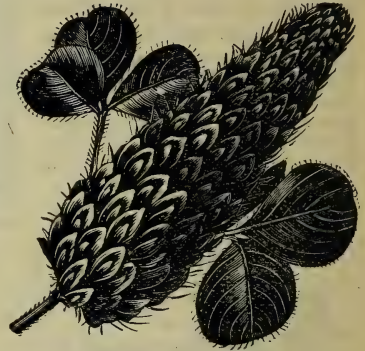
All Grass Seed listed by the single pound includes postage. All other prices listed are for goods by express or freight at purchasers' expense. If single pound lots, are included with other goods to go by express or freight deduct 10c per pound from single pound prices as listed by mail.

CLOVER SEEDS

Parties wishing large quantities will do well to get samples and prices before placing their orders. We handle it on a close margin and supply the finest grades.

It is impossible to tell how low our prices are without seeing samples, which will be sent free on Application.

Crimson Clover—Should be sown in July, August and September of each year. Can be sown with corn, or any cultivated crop. Sow 10 to 15 lbs. per acre. Cover lightly. Use only American grown seed. The spring following it can be cut for soiling by April 20; for ensilage May 1 to 15; for seed first week in June. Pound **35c**, postpaid 10 lbs. \$2.25.



CRIMSON CLOVER

Mixed Grasses, for Meadow and Permanent Pastures

—We are prepared to furnish seeds adapted to all soils, all situations and all purposes—for light medium and heavy soils. By light soil we mean that which is more or less of a sandy or gravelly nature; the heavy clay and heavy loams, while the medium is an intermediate between these two. A light, wet soil, with respect to the grasses suited to it, may be considered same as too heavy soils, and a dry, heavy soil more as the light soils. Write us for what you want, giving nature of soil, number of acres, etc., and we will, with pleasure, give you estimate and terms.

Awnless Brome Grass (*Bromus Inermis*)

Will stand long drouths and still produce heavy crops in dry sections where other grasses would surely perish. Has also proven itself one of the hardest grasses. Especially desirable for permanent pastures. Succeeds in a wider range of temperature than any other grass. Sow from 25 to 30 pounds per acre. (Bu. 14 lbs.) Pound **30c**; by freight or express 10 pounds **\$1.75**.

Kentucky Blue Grass, June Grass—Universally known; desirable for pastures and lawns. Sow in fall or spring at a rate of 30 to

40 pounds per acre. (Bu. 14 lbs.) Export Fancy Cleaned Seed. Pound **40c**; 10 pounds **\$3.00**.

Meadow Fescue—Thrives in all soils; excellent for permanent pastures; starts early; productive, Sow 25 to 35 lbs. to acre. (Bu. 24 lbs.) Pound **40c**; 10 pounds **\$3.00**.

Orchard Grass—Extremely hardy and widely known. One of the earliest to start in the spring; grows rapidly; furnishes an abundance of pasture the entire season. Sow 20 to 30 pounds per acre. (Bu. 14 lbs.) Pound **35c**; 10 pounds **\$2.00**.

Red Top Grass—Thrives well in any soil, but best on low land; produces a firm sod, Sow 15 to 20 pounds per acre. (Bu. 14 lbs.) Fancy, Clean, Pound **35c**, 10 pounds **\$2.00**.

Tall Meadow Oat Grass—Used for soiling. Succeeds well in sandy lands; and owing to its long fibrous roots, stands cold and drouths well. Sow 25 to 30 pounds per acre. (Bu. 10 lbs.) Pound **40c**; 10 pounds **\$2.50**.

Timothy—Well known variety. When ready to buy write us for latest prices, whether you want a bag or a carload. (Bu. 45 lbs.) Pound **25c**, 10 pounds **\$1.10**, bushel **\$4.75**.

ALFALFA SEED

Our Alfalfa Is the Highest Grade Obtainable of High Purity and Strong Growth



ALFALFA

Alfalfa is being more generally grown as experience is teaching our farmers the proper soils on which it should be sown. It requires cutting at least twice the first season; even if not large enough to make hay. Cutting destroys any weeds that may come up in it, and gives the Alfalfa a chance. Must be sown at the rate of 20 to 25 pounds per acre when sown broadcast. It requires well-drained, well-pulverized, deep soil, and should be sown after danger of freezing is over. It prefers sand or gravel sub-soil; wet soil is fatal to the plant. Roots from 3 to 15 feet deep, and when established lasts for years, and two or three crops a year can be cut. Alfalfa does not exhaust the soil. It will store from eight to ten times as much nitrogen in the soil as was there before, thus saving you dollars that you may have been paying to the fertilizer companies for the nitrogen element. If your neighbor has tried alfalfa and made a failure, don't give it up but try it yourself, he may have only half tried, while you with the proper preparations of the soil may reap a rich harvest.

Prices of Best Re-Cleaned Seed: By mail post-paid, lb. **35c.**, by express or freight, lb. **25c.** 10lbs. **\$2.25**, 20 lbs. enough for one acre, **\$4**, bu. (60 lbs.) **\$11.75**, sacked free.

Special Prices for Large Quantities

Alsike, or Hybrid (Swedish)—Hardest of all clovers. On rich moist soil, yields large quantities of hay or pasture. Will thrive in soils which are so wet that the common Red Clover would not live. Unlike some of the other clovers, which have tap roots. Alsike has many fibrous roots, hence is not injured by freezing and thawing of the ground. Esteemed highly by bee keepers. Sow 7 lbs. per acre. — Pound **40c.**, postpaid; 10 pounds **\$2**.

Mammoth Clover Valuable with other grasses for mixed hay. Ripens about with timothy. Being a rank grower it is used largely for plowing under. Sow 10 lbs. per acre. Pound **35c.** postpaid; 10 pounds **\$1.90**

Medium, or Common Red—The most important and valuable of the Clover family. Makes the best of hay. Sow 10 lbs. per acre. Pound **30c.**, postpaid; 10 pounds **\$1.90**

White Dutch Clover—Good in permanent pastures, especially for cattle; valuable for bees, and the best variety for lawns, as it forms a close herbage and remains green throughout the season. Sow in spring at the rate of 5 lbs. per acre when sown alone; half the quantity when sowed with other grasses. Pound **45c.** postpaid; 10 pounds **\$3.50**.

Hand Broadcast Seeders

Perfection Jr.

It will sow wheat, rye, oats, rice, flax, millet, turnip seed, clover seed, grass seed, including light grasses—in fact, all kinds of seed—broadcast; also plaster, fertilizer, salt, ashes, etc. It will sow at a round, wheat or rye, 50 feet; buckwheat, 45 feet; flax seed, clover or millet, 36 feet; grass seed, 30 to 36 feet; other seeds, etc., according to their nature and condition. By the superior construction of the hopper and attachment of the sack it sows out very clean. Full directions with each machine. Price **\$1.50**



The Cahoon Seeder—One of the very best on the market, strongly built, reliable, and does as fine work as could be asked. Price **\$2.95**.

General List of Farm Seeds

Write for prices. As the price of Farm seed is continually changing, we do not give Catalogue prices on quantities, except in some cases, but will gladly mail samples and quote lowest net prices on request. If you want information on anything connected with the seed line, write us, we will take pleasure in giving special cultural directions or advice at any time. Terms: Cash with order. Express or freight charges always to be paid by purchaser.

COW PEAS

Cow Peas have become too well known to need much description. Taking into consideration their feed value as compared to other forage crops, we know of nothing more profitable to grow for the stock raisers and dairymen. Also don't forget the benefits to your land that are derived from growing a crop of peas.

New Era—An early variety. Can be sown after wheat is taken off the ground and still produce a good crop of forage or peas, besides increasing the fertility of the soil for the succeeding crop and leaving the ground mellow and free from weeds. Price by mail, postpaid, pound **20 cents**,. By express or freight lb, **10c**; 1-2 peck **40c**, peck **75c**.

Whippoorwill—A favorite, early, upright growing variety, more largely used and sold than any other kind. Has brown speckled

seeds which are easily gathered. Makes a good growth of vine which can be easily cut and cured as dry forage. Postpaid, pound **20c**, By express or freight lb. **10c**, $\frac{1}{2}$ peck **45c**, peck **80c**.

Clay—A favorite variety in some sections of the South. Makes a growth of vine and pods similar to the Black Pea, but is a little later in maturing. Is prolific both in yield of peas and growth of vine. Postpaid pound **20c**. By express or freight, lb. **10c**, $\frac{1}{2}$ peck **50c**, peck **95c**.

White Blackeye—A variety largely grown in some sections. Seed small, white with black eyes. Also adapted for table use. Price same as Whippoorwill.

Black—Probably makes more vines than any other variety; a very rank grower, hence valuable for a hay crop. Price same as Whippoorwill.

Soy Beans

The Great Drought Resisting Forage Plant Also Called Soja and German Coffee Berry

As a feed for live stock, whether grown for the hay or for the beans, threshed to feed with some other grain like Indian Corn or Kaffir Corn its value cannot be overestimated. As a fertilizer it is equal to clover. The beans may be planted after an early wheat crop, and will

yield a big crop of hay, or if the season is long a crop of beans may be harvested, besides increasing the fertility of the soil for the next crop. Any good corn soil will grow Soy Beans. The plant is not molested by insects of any kind, and heat and drouth do not affect it. The yield of beans is from 20 to 30 bushels per acre. In feeding value they are richer than linseed meal. Experiments at the Kansas Experiment Station show that by adding one-fifth Soy Beans to Corn or Kaffir Corn when fed to hogs, a saving in feed of from thirteen to thirty-seven percent was affected. When fed to milch cows, using three or four pounds of beans per day, along with other feed, the milk yield will be doubled. The plant makes a fine hog pasture, and as a green feed for milch cows it is unequalled. When grown for the beans, they should be drilled in rows and cultivated like corn, using about one-third bushel of seed per acre. For hay they should be sown thickly, broadcast or in drills, at the rate of one bushel per acre. They should not be planted until after the ground has become warm after cornplanting time.

Mammoth Yellow—One of the largest known varieties of Soy Beans produces a world of foliage and beans. One of the best for this climate. Price, postpaid, pkg. **10c**, quart, **35c**, by express or freight, quart **20c**, 1 2 peck **70c**, peck **\$1.25**.

Early Medium Soy—The standard variety. Does not grow as large as the preceding variety, but makes lots of feed and beans. Price postpaid, pkg. **10c**, quart **35c**, by express or freight, quart **20c**. 1-2 peck **60c**, peck **\$1.10**.



SOJA BEANS

Russian Speltz or Emmer

A Valuable Grain from Russia.

The plant resembles barley in appearance and growth, but the head and grains are very much larger. When threshed the grain resembles barley and when the husks are removed it is similar to rye.

Its hardy, vigorous nature enables it to resist drouth, wet weather, heat and frost to a remarkable degree; in fact, it seems to make a crop under almost any condition of soil or climate.

All stock is very fond of both the hay and straw. It is well adapted as a feed for milch cows, especially valuable for feeding cattle and hogs, and for horses it is equal to oats.

It requires no special method of cultivation other than that given wheat or barley, but should be sown very early in the spring. This can safely be done as it is not easily injured by frost. Two and one-half bushels in drills is recommended as the proper quantity of seed per acre.

Price by mail, postpaid, pound **28c.**, by express or freight, pound **10c.** 10 pounds **85c.** Larger quantities at **7c.** per pound.

Genuine Dwarf Essex Rape

The Great Pasture Plant for Sheep and Swine

Its phenomenal success during the last years as shown by its increased sales in all sections of the country, is convincing proof that it has come to stay, and as a rapid growing succulent green food for cattle, sheep or swine, it has become as much a necessity with the progressive farmer as clover. Under favorable conditions the crop is ready for feeding six weeks after sowing, and a good crop will yield twelve tons of green food per acre, which in nutritive value is nearly twice that of clover. As a pasture for sheep it stands preeminent. For early summer grazing it should be sown about oat-seeding time, and for late summer and fall feeding it may be sown in June, July and August. It may be sown alone for a full early crop, or sown with oats, and when the oats are harvested it comes forward with

great rapidity. Price by mail, postpaid, pound **20c.**, by express or freight, pound **10c.**, 5 pounds **45c.**, 10 pounds **80c.**, larger quantities at **7c.**

New Oats. "Kherson"

A New Variety giving exceptionally good results. Especially adapted for planting in the West, throughout the States of Nebraska, Kansas and Oklahoma. It out yields the Red Texas, is earlier and more salable.

Although the great corn producing states are the largest producers of oats as well, it is a curious fact that the yield per acre in these states is not high. To produce well in this section oats should mature early, before the hot dry season sets in and should not run to straw. These two requirements are combined to a remarkable degree in this new sort.

It has been tested at the Nebraska station for a period of six or seven years, and these tests indicate that it is earlier, yields better, and, with the possible exception of the Red Texas, weighs heavier than any other variety. It has steadily outyielded the Red Texas, and is from ten days to two weeks earlier.

It is a vigorous, hardy grower. with very short, strong, stiff straw. The leaves are very broad, exposing a large surface. The straw is soft, and because of the broad leaves, it is equal to prairie hay in feeding value. The berry is light yellow in color, small but very numerous and has a thin hull. The oats are exceptionally plump and heavy, in which respect, as well as in yield per acre, they have surpassed all other oats at the Nebraska Experiment Station.

It is unquestionably the best variety for the West yet introduced.

Prices: By mail, postpaid, per lb. **15c.**, 21bs. **25c.** By express or freight, at purchaser's expense, peck **30c.**, half bushel **50c.**, bushel **95c.**, 2 bushels for **\$1.80.**

Special prices on larger quantities.

Millets

True German—Is a strong grower and will yield enormous crops of the finest hay, and should be cut before the seeds will harden. Can be sown late after some early crop, and if sown early, will mature in time for the ground to be plowed for wheat, and leaves the ground in fine shape for this purpose. For hay, sow from May to August 1st. For grain, sow in drills not later than June 20th. Price, pound, postpaid, **15 cents**. By express or freight peck **40c**.



Japanese Barnyard Millet, Also Called "Billion Dollar Grass"—This wonderful and valuable new forage plant was introduced into this country by Professor Brooks of the Massachusetts Agricultural Experiment Station. It has proven an enormous yielder in all sections of the United States—hay and fodder of most excellent quality growing on any soil, yielding three to five tons per acre and growing three to four feet in height. Cattle and horses eat it greedily. Sow in May and June broadcast, fifteen to sixteen pounds per acre (it stools remarkably), or in drills twelve pounds per acre. Price by mail, postpaid; **lb. 25c, 3 lb. 60c**; by express or freight, **lb. 15c, 10 lbs. \$1.20, bu. of 35 lbs. \$2.25**.

Sorghum or Sugar Cane

Early Amber—Popular and well known. It is the earliest variety, rich in saccharine matter, and makes a nice amber syrup and good sugar. Price, by mail, postpaid, **lb. 15c**; by express or freight, **pound 5c; 10 lbs. 35c**. Larger quantities at **3c** per lb.

produces more syrup; an excellent sugar plant. Price by mail, postpaid **15c**; by express or freight, **pound 5c; 10 pounds 35c**. Larger quantities at **3c** per lb.

Cane Seed—For fodder. Price by mail postpaid, **pound 15c**; by express or freight, **pound 5c; 10 pound 30c**. Larger quantities at **\$2.50** per 100 lbs.

Early Orange—Ten to fifteen days later than the Early Amber; a strong grower and

Kaffir Corn

One of the best things offered of late years for a forage plant. It is greedily eaten by horses and cattle, and makes excellent food for poultry, either fed in grain or ground and cooked. Grows on land too poor for corn.

White—The best variety, postpaid, per **lb. 20c**; by express or freight, **peck 35c, bu. \$1.00**.

Jerusalem Corn

Pronounced the best and surest grain crop for dry countries and seasons. It grows about three feet high, makes as high as eight heads on one stalk; grain, pure white. Three pounds will plant one acre.

Postpaid, **lb. 25c**; by express or freight, **5 lbs. 50c; 10 lbs. 80c**.

Yellow Milo Maize

Stools well, immense heads, and stands severe drouth. Postpaid, **lb. 20c**, By express or freight **35c; 10 lbs. 65c**.



Broom Corn

Austrian—From crops harvested in Barton county, just north of here, the last season, and in comparison with other varieties, we have no hesitancy in saying that in our estimation the Austrian Broom Corn is the finest and best variety we have ever seen. Austrian Broom Corn produces fine long brush of green color, grows evenly over the field, and is very thrifty. Our seed is very fine and you can depend on it being right in quality and germination. Price by mail, postpaid, pound **25c**; by express or freight,

10 pounds **\$1.00**; larger quantities at **8c** per pound.

Improved Evergreen—A favorite in Kansas, Nebraska and Missouri. Grows to a great length, and if cut at the proper time retains a good color. Price by mail pound **15c**; by express or freight, peck **40c**.

Dwarf Broom Corn—This variety grows only three or four feet high, and is much easier handled than the tall growing sorts. The brush is straight, smooth and of good quality. Price by mail, pound, **20c**; by express or freight, peck **60c**.

Vetches

Sand or Hairy Vetch

Also called Winter Vetch. This useful plant is noted for its extreme hardiness and valuable for forage and fertilizing purposes. It is an annual, but drops its seed freely, and will come up year after year on the same ground. A sowing made in August or September covers the ground before winter and prevents washing during the winter and early spring. It can also be sown in April and will be ready to cut by the middle of July, the second growth affording excellent hog pasture during the summer. The yield of forage varies from 10 to 15 tons per acre, equal to 3 or 4 tons when cured as dry hay. Sow in drills, using 30 lbs. per acre. Lb. **25c**, postpaid. Not prepaid, 10 lbs., **\$1.25**;

25 lbs., or over, **10c** lb.

Japanese Buckwheat

The best sort for the West. It matures seed early, resists drouth better, and more vigorous and hardy than the old sorts. The grains are almost again as large as the old sorts, and the yield is much larger. It should be sown from the middle of June to the middle of July, broadcast, at the rate of one-half bushel per acre. This sort will yield on an average 30 bu. per acre. It quickly gathers moisture when left standing in the field, and for this reason should be threshed as soon as dry. Unequaled as a plant for bees. Price pound, postpaid, **30 cents**. By express or freight, peck **50 cents**, bushel **\$1.75**.

POULTRY SUPPLIES

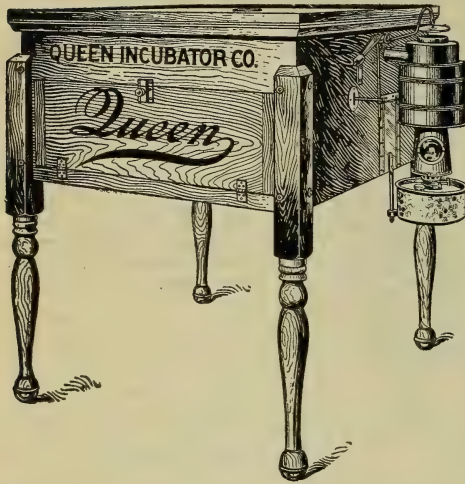
Our Poultry Supply Department is replete with good honest goods for the poultry raiser. We handle only the best and sell them at reasonable prices. We give our absolute guarantee on each item listed in this department.

Our terms are cash with order. We ship promptly and guarantee safe arrival. We get you the lowest freight and express rates. Combine your orders for supplies with your seed order, or with your neighbors order and save freight.

Discounts on all orders of poultry foods, such as chick feed, scratch, feed mash, beef scrap, granulated bone, charcoal, etc. amounting to \$10 you may deduct 5 per cent. This will go along ways toward paying the freight. The above discount does not apply to Incubators, Brooders, or Poultry Supplies other than feeds alone. Get your neighbors order and include with your own and thus buy your poultry supplies for less money.

Queen Incubators and Brooders

High Grade Through and Through



"Queen" Incubators are made of California Redwood, double case, each lined with asbestos felt; dead air space all around; extra heavy copper heaters and tanks with lock steam joints, making them indestructible; the improved heaters use all the heat generated—no loss of oil. Large up-to-date sanitary nursery tray safety lamp with seamless galvanized bowl that cannot leak. Faultless ventilation that requires no attention; regulators that control the temperature, making "Queen" Incubators automatic and easiest to operate. Cost less than other Standard Incubators.

Queen Incubators and Brooders are the **Right Kind**. We sell lots of them, and will sell you freight paid to your railroad station, at factory prices.

Prices of Queen Incubators and Brooders; Freight Paid to Your Station. Write for Special Queen Catalogue—It's free.

No. 1 Queen Incubator, holds	60 to 70 eggs	.....	\$9.35
No. 2 Queen Incubator, holds	110 to 130 eggs	.....	\$10.50
No. 3 Queen Incubator, holds	160 to 180 eggs	.....	\$12.80
No. 4 Queen Incubator, holds	220 to 240 eggs	.....	\$15.75
No. 5 Queen Incubator, holds	340 to 360 eggs	.....	\$20.80

"QUEEN" BROODERS

LAST LONG AND RAISE HEALTHY CHICKENS

Freight Paid to Your Station

Queen Indoor Brooder		Queen Outdoor Brooder	
50 Chick size	.....\$6.10	100 Chick size	.....\$10.50
100 Chick size	.....7.25	150 Chick size	.....12.50
150 Chick size	.....7.85	200 Chick size	.....14.50
200 Chick size	.....8.25		

When Incubator and Brooder are ordered at one time you may deduct 50c from order. Write for Queen Catalogue—It's Free.

It costs less to run "Queen" Incubators than to feed setting hens. "Queen" incubators and Brooders hatch and raise chicks better than hens.

The Celebrated United States Cream Separators

The U. S. Cream Separators hold the world's record for close skimming. They have taken more Grand prizes at Worlds' Fairs and Expositions than all other makes combined.

Five reasons why you should buy a U. S. Separator: First, They skim the closest. Second They are the most perfect in mechanical construction. Third, They are the easiest to clean. Fourth, They require the fewest repairs. Fifth, They run the easiest.

We will make the above statements good.

Write us for Special U. S. Catalogue. It's free, for the asking.

Carthage, Mo., R. R. No. 4. Sept. 1, 1910
My U. S. Separator is all O. K. I don't think
it could be better.

J. T. SMITH.

Oronogo, Mo., Dec. 20, 1910
The U. S. Separator purchased from you is
doing fine work. It runs easily, skims close, and
is first class in every way.

T. J. ALLSBURY

Petaluma Incubator and Brooders

We Pay the Freight

Petaluma Incubators and Brooders will give you satisfaction.

There must be a **Best** in everything, whether it is an automobile, carriage, or suit of clothes, or anything else. **Petaluma Incubators and Brooders** stand for the **Best** in every way in incubator and brooder construction. The fact that there is a "**Best**" explains why Petaluma Incubators and Brooders are worth more than others. When there is a "**Best**" it follows there are some not so good and naturally that explains why some are sold at such low prices, just as a shoddy suit of clothes is cheap compared to a high-class, well-made suit.

The Petaluma uses the least oil; consumes the least time caring for it; the most perfect in regulation of temperature; can be left alone the longest with safety; has nothing to get out of order; hatches the largest percentage of good, strong, vigorous chicks. It is the easiest to manage, and the best machine for beginners as well as for those of long experience.

The sleeve appliance used on the burner for regulating the heat is a nicely constructed tube or sleeve, which is made to slide up or down on the wick-tube, controlled by the regulator, and raises or lowers the flame, having the same effect as to turn the wick up or down by hand. In this style of regulation the flame is kept at the right height to supply 103 degrees; therefore, there is no oil wasted. This device has been in successful use on Petaluma Incubators for over twenty-five years, and is strongly endorsed by thousands of operators as being the most economical and accurate of anything used in the world.

The "Petaluma Incubator" is the pioneer hatching machine. Its introduction and use antedates that of any other incubator on the market.

Prices of Petaluma Incubators freight prepaid:

- Model 59, capacity 54 eggs, price **\$10.00**
- Model 80, capacity 126 eggs, price **\$20.00**
- Model 81, capacity 216 eggs, price **\$27.00**
- Model 82, capacity 324 eggs, price **\$35.00**
- Model 83, capacity 504 eggs, price **\$50.00**

Petaluma Indoor Brooders

- Model 15, capacity 100 chicks, price **\$6**
- Model 18, capacity 200 chicks, price **\$12**

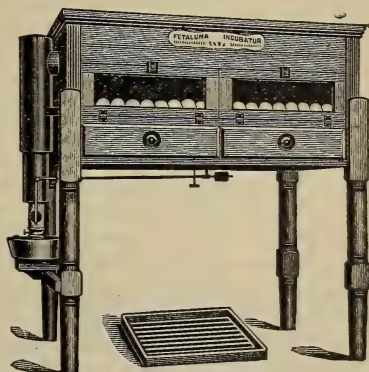
Outdoor Brooders:

- Model 16, capacity 100 chicks, price **\$15**
- Model 20, capacity 100 chicks, price **\$18**
- Model 17, capacity 200 chicks, price **\$15**

We sell the Petaluma Incubators and Brooders under a positive guarantee. Your money back if they are not exactly as represented.

Write for Special Petaluma Catalogue. It's free.

See "Special Chick Feed" on page 49. It is the best.



The Celebrated Cyphers Incubators and Brooders

The Cyphers Incubator and Brooders are known all over the world. They are well made, sure hatching and can be depended on to give you good results.

No. 0 Incubator, Capacity 70 Eggs

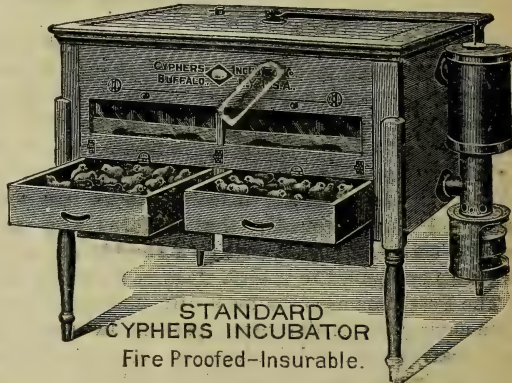
Our No. 0. Incubator, which holds 70 eggs, was placed on the market at the request of fanciers who breed only a few pens of fowls for exhibition purposes. It is the equal of the larger machines in every particular except size and the absence of nursery drawers. Price **\$15.00.**

No. 1 Incubator, Capacity 144 Eggs

Our No. 1 Incubator holds 144 eggs. The breeder who desires to raise from 100 to 300 chicks throughout the season chooses this machine. For that reason it is popular with farmers and fanciers who are branching out into a substantial business. Like our other incubators, it does its work. Price **\$22.00.**

No. 2 Incubator, Capacity 244 Eggs

Our No. 2 Incubator holds 244 eggs, and is a most desirable machine in every way. It serves the fancier who wishes to hatch a couple of hundred chicks and hatch them all at one time, or the breeder who wishes to raise from 500 to 600 during the early spring months. It is the most economical machine on the market, except our 390-egg incubator, which is generally used upon very large plants. The 244-egg machine is



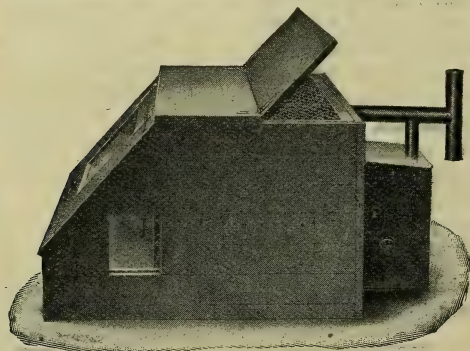
the one we recommend to the full-fledged fancier and the farmer who raises poultry on a good-sized scale. Price **\$32.00.**

No. 3. Incubator Capacity 390 Eggs

Our No. 3 Incubator is the machine that operators of large poultry plants are using. It holds 390 hen eggs, and is a model of usefulness and finish. They are the business machine of the Twentieth Century, and have enabled practical men to increase the size of their plants until they raise 40,000 and 50,000 ducks a year. Price **\$38.00.**

Write for Big Special Cyphers Catalogue. It will be Mailed Free on Request

The Prices Listed are for the Goods on Board Cars Here.



Cyphers Style A Cut-Door brooder

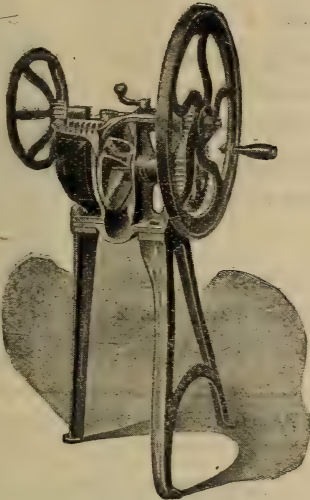
Cyphers Style A an Out Door Brooder (Formerly known as the Storm King) is recommended for use of poultry raisers who feel that they do not wish to invest in the larger sized and more costly three apartment out-door brooders. The Style A is equipped with the Cyphers Fire-Proof Brooder Heater and Standard Adaptable Hover, and bears the Fire Underwriters "Inspected Brooder" label. It employs top heat exclusively, thus giving the chicks free use of all the space underneath the hover. It is self-ventilating and self-regulating. Price **\$12.50.**

Cyphers Adaptable Hover—Cyphers adaptable Hover is self-ventilating and self-regulating—every one bearing the Fire Underwriters "Inspected Brooder" label—it is used in each of the four styles of individual brooders manufactured by Cyphers Incubator Company. It is also intended to be used separately as a brooding device in colony coops, in portable houses, and in home-made brooders such as goods boxes, piano boxes or organ cases, and can be adapted to other makes of brooders, provided they are twenty-six inches high and of fairly large dimensions otherwise. Price **\$8.50.**

The Humphrey Green Bone and Vegetable Cutter

The open Hopper type.

We guarantee the Humphrey to cut more green bone in less time with less power than any other Bone cutter, and the Vegetable Cutter is thrown in for good measure. The Humphrey is the heaviest



machine and the cheapest in price, if weight, cutting capacity and ease of handling is any consideration.

Price list of Humphrey's Bone Cutters

No. 1 Hand Power.....	\$12.00
No. 2 Semi-Power.....	13.50
No. 2 1/2 Hand and Power.....	15.00
No. 6 Direct Power.....	22.00
No. 3 Direct Power.....	35.00
No. 4 Geared Power.....	45.00
No. 1 Bench Clover Cutter.....	8.00
No. 2 Stand Clover Cutter.....	10.00

These prices are freight prepaid to your nearest railroad station. Bear this in mind and order early.

We will send you Descriptive Circular on request.



The Eyrice Egg Box

The Eyrice Egg Box is the lightest weighing only two and three-quarters pound packed for shipment.

The self-locking handle absolutely prevents pilfering of the contents or the substitution of other eggs. Also the handle makes an easy carried package and prevents putting anything on top of the box, thus eliminating the liability to rough usage.

In shipping high priced eggs for hatching it is very important that they should be kept as uniform in temperature as possible. The Eyrice does this, the dead air cells in the corrugated paper making an effective shield against either heat or cold.

Price of Egg Boxes

No. 1, For one setting (15 eggs) 15c, 6 for 80c
 No. 2, For two settings (30 eggs) 25c, 6 for \$1.10.

The Gem Shipping Coop

These coops are made of light, sound material, consisting of slatted sides and tops close enough to prevent the escape of the fowl, thus securing single rate expressage. The entire coop is lined with strong sheathing board.

The Gem is positively the safest, lightest, strongest and most desirable coop to be had at the present time.

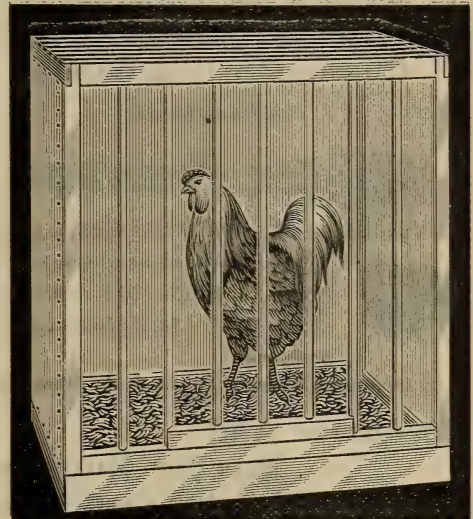
We carry a good stock and can make prompt shipment.

Price of shipping coops:

12, 12 in. wide, 18 in. long, 18 in high, each 30c, 1-2 doz. \$1.60.

15, 24x24x20, each 60c, 1/2 doz. \$2.75.

These are shipped in the flat, not set up.



The Gem Folding Exhibition Coop

The latest improved exhibition and training coop, perfected after several years' experience cooping shows, and exhibiting. A folding coop, easily and quickly set up or taken down. Clean, light and attractive, safe and comfortable for the birds, showing them to the best possible advantage. The Gem Folding coop is suitable both for the small exhibitor with only a few birds or for the largest associations. The Gem combines the greatest value possible to be found in any complete low priced coop on the market.

Prices of the Gem Coops in the flat.

No. 1 coop for single birds or pairs 24x24x30, each \$1.25.

No. 2 coops for pens 24x40x30, each \$2.25.

Write for prices on larger quantities.

The Best Poultry Supplies

Sanitary Grit and Shell Boxes

The Best Grit and Shell Box on the Market, made of heavy galvanized iron, saves waste, can be hung up on a nail, will pay for itself in one season by stopping waste. Neat, cheap and convenient.

No. 1 holds four quarts (3 spaces.) Price 50c.

No. 2 holds eight quarts (2 spaces.) Price 75c.

Wall Fountains

Made of heavy galvanized iron, keeps the water fresh and clean, made in two sizes, **No. 1 holds one gallon. Price 50c. No. 2 holds 2 gallons. Price 75c.**



Don't forget those Petalinna Incubators and Brooders. They simply cannot be beat.

Champion Leg Bands

The Best Made



In Two Sizes—3, and 2 1-4 inches Long



Made of Aluminum. One dozen for 15c; 25 for 25c; 50 for 40c; 100 for 75c; 250 for \$1.75; 500 for \$3.50 postpaid.

In Ordering Bands State Size Wanted

Incubator And Brooder Supplies

Taylor Brothers' High Grade Tested Thermometers

Guaranteed Accurate

Incubator Thermometers—The best for Queen, Sure Hatch, Old Trusty, Cyphers and other Incubators. Each 65c, postpaid.

Brooder Thermometers—Each 35c postpaid.



Egg Testers—Best made; all metal; 25c each; postpaid 30c.

Petty's Poultry Punch



The top of perfection in Poultry Punches. Made of best spring steel; handy; one person can use it easily. Can be put on your key-ring and you will always know where it is. **Price 25c, postpaid.**

Insect Powder Gun



Insect Powder Guns (when it comes, it's moving day for bed-bug and other insects.) Holds about 3 ozs. powder. Price 10c each; by mail postpaid 12c.

Lamp Burners—Nos. 1, 2 and 3, each 35c. **Metalic Lamp Chimneys**, 25c each

Pilling's Caponizing Instruments Will full instructions for using and caring for Capons. Price for complete set, \$2.50. **In velvet case \$2.75.**

Glass Nest Eggs

The best made; look more like the natural egg and more than pay for their cost the first season. Packed one dozen in cartoon. Price 3c each; 6 for 15c; dozen 25c.

The Queen Incubator is the Best Medium priced Hot Water Incubator on the Market. We Guarantee them.

Pure Poultry Foods

Our Poultry Foods are all manufactured from strictly pure, clean, dry grains, seeds, bone, meat etc. You can depend on getting the very best in Poultry Foods if you send us your orders. We will return your money on any not found as represented.

“SPECIAL” Chick Feed

A Perfect Chick Feed In Every Sense of the Word

We manufacture our **Special** Chick Feed from a formula that we have used for the last four years, and from the hundreds of testimonials we are receiving each season, we positively know that it is the best that can be had. “**Special**” Chick Feed is composed of cracked grain, seeds, charcoal, beef scraps, bone, etc. Each in the proper proportion to insure health and strength to the little chicks from the day they are hatched until they are large enough to eat whole grains. It is perfectly free from all dirt and dust.

It will make your little chicks grow faster than you ever had them grow before. It is fed dry, and will keep the chicks from bowel trouble, that dreaded disease that kills so many every season.

Give this Chick Feed a trial. Price 25 lbs. for **75c**, 50 lbs. **\$1.35**, 100 lbs. **\$2.50**
500 lbs. **\$11.25**.

Special Laying Food

The difficulty in getting a correctly balanced egg making food for hens is so well known that it has become of vital interest to the poultryman. In our “**Special**” Laying Food we have spared no expense to produce the very best and most complete food on the market. Like our **Special** Chick Feed it is composed of clean, sound grain, seeds, bone, beef scraps, and charcoal with the addition of Sunflower. These ingredients are all blended in proper proportion for egg production. You cannot buy the ingredients that compose this mixture separately and do your own blending, for as small a price as we ask for this food. The blending is all done by **Special** machinery which insures an even food at all times, and also with its great capacity, limits the cost of production to a minimum.

Give this **Special** Laying Food a trial, you will not be disappointed. Price 25 lbs. **55c**, 50 lbs. **\$1.05**, 100 lbs. **\$2.00**, 500 lbs. **\$9.00**.

“Special” Egg Mash

Our “**Special**” Egg Mash constitutes the ideal morning breakfast for your laying hens. It will absolutely produce eggs, when other feeds fail. For the best results in egg production, feed “**Special**” Egg Mash in the morning and “**Special**” Laying Food at night. It will be a winner for you.

Our **Special** Egg Mash is composed of alfalfa meal, pure wheat bran, and shorts, corn meal, dried blood, meat meal, flax seed meal etc, and is absolutely clean and wholesome.

The very best there is on the market. Price **25 lbs. for 75c, 50 lbs. \$1.05, 100 lbs. \$2.00, 500 lbs. \$9.00.**

Alfalfa Meal

Green Cured Alfalfa Hay, ground fine. No adulteration, the correct substitute for summer green foods. **10 lb. bag 20c, 50 lb. bag 75c, 100 lb. bag \$1.25.**

Charcoal Granulated

A valuable tonic for poultry and hogs. It is a pure and well burned and ground product, and can be taken by you as well as it can be fed to chickens, birds and animals. Two sizes, small for the little chicks, medium for the old chickens. **1 lb. 5c, 6 lb. 25c, 50 lb. \$1.50, 100 lb. \$2.75.**

Swift's Hog Tankage

For Hogs and Poultry, cannot be excelled. Write us for prices on any quantity.

Crushed Shell for Poultry

Manufactured from pure pearl, being trimmings from button factories where they use only fresh, live stock, direct from the water.

Advantages gained by the use of it—It acts as a grit and prevents cholera and other diseases. It makes the hens lay more. It prevents soft shells. It contains many essential compounds of the egg. It makes eggs larger and heavier. It prevents hens eating their eggs. It is sharp and clean and contains 95 per cent of carbonate of lime, as shown by chemical analysis. Send us a trial order. You cannot afford to be without it. Made in two sizes. No. 1 for hens No. 2 for little chicks, pigeons and birds. Price, small quantities, **1c** per pound. Large quantities **85c** per 100 pound. 500 lbs. at **70c** per cwt.

Pure Flax Seed Meal

This is pure re-cleaned Flax seed ground fine. Contains all the oil. It is one of the best stock and Poultry Regulators known. It cleans out the system, regulates the blood and brightens the eye. One of the best milk producers. **Lb. 10c, 4 lbs. 25c, 50 lbs. \$2.65, 100 lbs \$5.00.**

The Best Poultry Foods

Swift's Pure Granulated Bone, Dried Blood, Beef Scrap, Meat Meal. etc.

Medium Cracked Bone

Fine for laying hens, cracked to about the size of wheat and thoroughly cleaned; you will find this bone to be one of the best egg producing and egg shell forming foods you have ever fed. Price 10 pounds for **35c.**, 25 pounds for **85c.**, 100 pounds for **\$2.75.**

Chick. Cracked Bone

Suitable for little chickens, makes them healthy and promotes good growth of muscles and bones. Price 10 pounds for **35c.**, 25 pounds for **85c.**, 100 pounds for **\$2.75.**

Pure Dried Blood—One of the best egg producing foods known. If your hens are not moulting good, if their combs are not red and you are not getting as many eggs as you ought to have, just get a few pounds of our pure dried blood and feed it regularly, and we'll guarantee that inside of two weeks you will see a big change in your hens. Price per

pound **5c.**, 25 pounds for **\$1.00**, 100 pounds for **\$3.75.**

Pure Meat Meal—This meal is composed of beef scraps and blood and supplies the necessary protein and nitrogen to promote a good healthy growth in your chickens. Price 10 pounds for **35c.**, 25 pounds **85c.**, 100 pounds **\$2.75.**

Beef Scrap—This is meat ground in size from that of a wheat grain to as large as a pea. Meat is one of the most essential elements for egg production, and this is the best way to buy it. No waste, but all good, clear pieces of meat. Price 10 pounds for **40c.**, 25 pounds for **90c.**, 100 pounds for **\$3.25.**

We will mail samples of any of our Poultry Foods on request.

The Celebrated Conkey Poultry Remedies

One for each disease and each guaranteed results or your money back.

Send for Special Poultry Disease Book. We will mail it free for the asking.

Conkey's Roup Remedy



Is used in every civilized country of the world. Until it was brought out roup was incurable. It has wonderful curative qualities, immediately kills the disease germs and, being also a wonder-

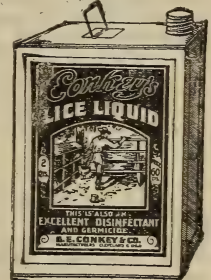
ful tonic, invigorates the fowl and leaves it in fine condition for usefulness and profit. The success of the remedy is much due to the fact that it is simply put in the drinking water and the fowl takes its own medicine. Price, two sizes, **50c.** and **\$1.00**, prepaid.

Conkey's Cholera Remedy—When a fowl is attacked by diseases of the digestive organs, there is a loss of appetite and a greatly increased thirst; therefore we have put out this remedy in such a form that it must be given in the drinking water. As the fever creates a continuous and violent desire for water, the logic of this treatment can be appreciated. Most of the so-called cholera remedies on the market are powders directed to be given in the food. Realizing the utter absurdity of trying to cure the fowl in that manner, owing to its abhorrence of food, we have put out CONKEY'S CHOLERA REMEDY in such a form that the fowl will take its own medicine. This preparation is entirely different from anything else ever put out, and can be absolutely relied upon as the most de-

pendable Cholera Remedy made. It is tasteless and the bird will take it eagerly. It has a soothing, cooling effect on the hot and inflamed membranes and reduces the fever at once. For the treatment of Cholera, Indigestion, Bowel Trouble, Diarrhoea and all kindred troubles in chicks or grown fowls, this remedy is excellent. Price, two sizes, **25c.** and **50c.**, postpaid.

Conkey's Lice Liquid

There are a great many poultrymen who do not seem to understand that the Mite requires entirely different treatment than the ordinary louse. There is no powder made that will entirely rid you of the Mite, and until you are rid of him he will multiply until every fowl you have is rendered useless or dies from exhaustion. In our opinion, the Mite



will do more to reduce the profit of your fowls than all other varieties of vermin combined, CONKEY'S LICE LIQUID will immediately destroy these terrible pests, and will rid your poultry house of its greatest profit killer.

It can be painted on the roosts and applied to the walls, cracks and crevices, with a brush or sprayer. Price, quart can **35c.**, 1-2 gallon **60c.**, gallon **\$1.**

Freight or Express charges extra on all Poultry Supplies listed except where noted.

The Celebrated Conkey's Remedies

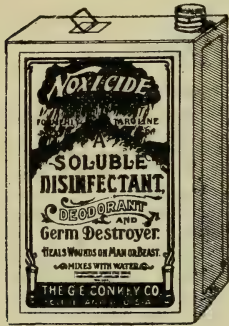
Conkey's Lice Powder

For successfully killing body lice on fowls, nothing can equal a powder which is properly made. It is the strongest and most effective powder on the market, and is absolutely harmless to the fowls. It does not simply make the lice move, but kills every one the moment it is applied. Lice just simply cannot exist where **Conkey's Lice Powder** is properly used. Hens that spend the day picking and scratching in a vain effort to rid themselves of parasites, cannot give you satisfactory returns and, because of their lack of vitality, are susceptible to all kinds of disease. **Conkey's Lice Powder** is guaranteed to please you. It will kill lice on poultry, cattle, and horses, fleas on dogs, and vermin of all kinds. It will also kill bugs on cucumber, squash and melon vines, slugs on rose bushes etc. It is also an effective disinfectant and germ destroyer. Prices, 5 oz. pkg., 10c, or 15c, postpaid; 15 oz. pkg., 25c, or 40c postpaid; 48 oz. pkg., 50c, expressage extra; 100 oz. pkg., \$1.00 expressage extra.



Conkey's Nox-I-Cide

This is the poultryman's best friend. The majority of dangerous poultry diseases may be traced to the presence of germs which thrive in filth and uncleanness. **Conkey's Nox-i-cide** is a soluble disinfectant, deodorant, and germ destroyer. It mixes with water, in correct proportions for using, one gallon making 101 gallons of ready-to-use liquid. It is the cheapest and most effective article of its kind ever put out. For poultry, it is an unexcelled article for cleaning and purifying the houses, runs, brooders, founts, and utensils. For household use it is of wonderful value in almost every department. It is unequalled for the sick room, and for purifying everything about the house, barns and outhouses.



It is excellent for all live stock and is a high grade sheep dip. It cures cuts, galls, scratches, thrush, cracks, fissures, etc. It is an ideal stable disinfectant, as it removes odors, prevents flies from breeding, and sweetens and purifies everything it touches. It is excellent for the kennels. It cures eczema and skin diseases

generally even for humanity. There is hardly a place in all domestic economy where **Nox-i-cide** will ever be dispensed with after it has once been tried. Prices, 1 pint, 35c; 1 quart, 60c; 2 quarts 90c; 1 gallon, \$1.50; 5 gallons, (jacketed) \$6.50; 10 gallons, (jacketed) \$11.50, Expressage extra.

We also carry in stock the following **Conkey Remedies**. Results or money refunded. Gape Remedy, 50c or 60c postpaid. Chicken Pox Remedy 50c or 55c postpaid. Scaleg Leg Remedy 50c or 55c postpaid. Limber Neck Remedy 50c or 60c postpaid. Bronchitis Remedy 50c or 60c postpaid. Head Lice Ointment 1 oz. tin 10c, 3 oz. tin 25c postpaid.

Conkey's Laying Tonic

The best Laying Tonic on the market today. It is very cheap to use and the results will surprise you. It will insure strength in cocks. More eggs and more fertile ones from hens. A large amount of value at a small cost. Prices, 1-2 lb. pkg. 25c; 3-4 lb. pkg. 50c; 7 lb. pkg. \$1.00; 25 lb. pail, \$3.00 Expressage 25c extra on two smaller pkgs., 50c extra on 7 lb. pkg., and freight extra, 25c on pail to points within a radius of 150 miles of Carthage.

Conkey's Fly Knocker

Conkey's Fly Knocker should not be confused with many worthless articles on the market which have done much to disgust the public and injure legitimate trade. We do not offer the cheapest article known, but the best. It will do just what we claim for it, and we guarantee it to satisfy you. Should it fail to do so, your money will be refunded.

Conkey's Fly Knocker kills every fly it hits and keeps others from alighting on your horses or cows. It clears your stock of the pests and promotes their comfort and usefulness. It will rid your stable of flies and will give the tails a rest. It is positively harmless and will not taint the milk. If used on stock in summer it will prevent lice and grub in winter. Sprayed on your horse before going for a drive, it will keep the flies away and prevent the fretting so wearing to a nervous animal. One ounce of the liquid will spray two animals. It is especially valuable to farmers, dairymen, stablemen and horse shoers. Once tried, you will not be without it. Prices, 1 quart, 35c; 2 quarts, 60c; 1 gallon \$1.00; 5 gallons, (jacketed) \$4.00. Expressage extra.

General List of Supplies

For Orchards, Small Fruits, Hen Houses, Etc. Guaranteed the Best.

**FAULTLESS
SPRAYER**
Capacity 1 quart

The best sprayer made. Throws a spray as fine as mist, rendering the use of strong solutions safe on tender foliage plants; it forces the fluid into every crevice without using half the quantity required by syringe or sprinkler. Price, heavy tin, 50c; 3 for \$1.25. Galvanized can, each 60c.

"Auto Spray" No. 1

The "Auto Spray" is a standard machine. It is the favorite with nurserymen, potato growers and market gardeners everywhere, is used by nearly all the state experiment stations and by the U. S. government, as well as by thousands of

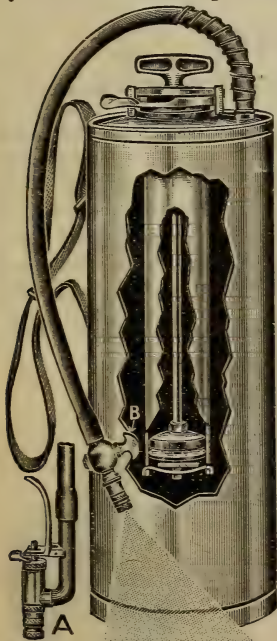


representative agriculturists and horticulturists throughout the world.

The "Auto Spray" works automatically for six to fifteen minutes. May be charged in 15 seconds by a few strokes of the plunger. Has a capacity of four gallons.

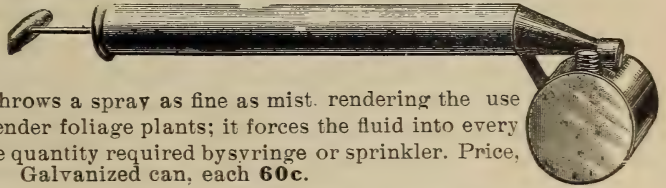
No other style of sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs and vines, green-houses, hospitals and stables for disinfectants, for sheep and cattle dip, and cattle fly oils.

The illustration shows the "Auto Spray," equipped



with stop cock. Letter A shows the Auto Pop Nozzle.

- Our price: Galvanized with stop cock **\$4.50**
 - Our price: Galvanized with Auto pop **5.40**
 - Our price: Brass with stop cock **6.75**
 - Our price: Brass with Auto-Pop --- **7.65**
- (Descriptive Auto-Spray circular free)



The Myers Bucket Spray Pump

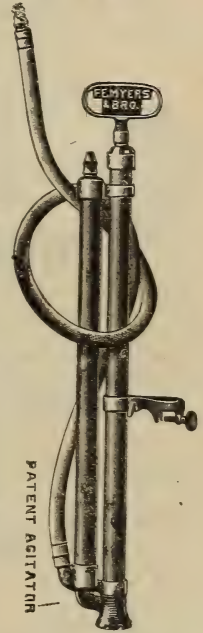
Made of heavy brass will last a life time. Throws a fine or coarse spray, or solid stream. We know of nothing better in a bucket spray pump. Price \$3.25.

The Acme Single

Powder Gun

This tool is simply a bellows, with a spray-tube ingeniously arranged to collect and direct a blast of air charged with just the required amount of poison. By varying the strength of the blast at the operator's discretion any amount may be applied.

A spreader is furnished to diffuse the spray,



a funnel to aid in directing the spray on the plant, and the famous "Acme Elbow," which, without your stooping, will cover the underside of the leaves of low-growing plants and vines.

Bellows are made of an excellent quality of russet leather, bellows sides are of bass-wood, painted vermilion and varnished, and handles of beech or maple, varnished in the natural colors of the wood. Price \$1.

**Spraying Material Next
Page.**

THE BEST SPRAYING MATERIALS

Arsenate of Lead, in Paste Form—This substance is used to destroy all leaf-eating insects that attack the foliage of fruit trees, flowers, vegetables and plants, especially effective for killing potato bugs. When spraying potato vines it is very important that the poison be applied very early. The first spraying should be made when the vines are two or three inches high. Arsenate of Lead forms a glaze on the leaves, does not wash off easily like Paris Green and other spray materials. You will find it the very best for an all purpose spraying material. Price one pound glass jars, **40c.**, postage extra **24c.** Larger quantities, 2 lb. glass jars **75c.**, 5 lb. glass jars **\$1.25.** One pound will make 25 gallons of spraying material.

Bordeaux Mixture

We carry this in powder form. You will find it first class in every way. Price one pound tin **30c.**, postage extra **17c.** Larger quantities, 5 lb. pails **\$1.25.**

SLUG SHOT



Kills the Cur-rant worm, po-tata bug, cab-bage worm, slug on roses, caterpillars, aphid on roses, bugs on melons and bugs on

asters, cut worms, sow bugs, lice on fowls, curculio on plums, tobacco worms, etc. 1 lb. **10c.**, 3 lbs. **25c.**, 5 lbs. **40c.**, 10 lbs. **60c.** If to be sent by mail add **16c.** per pound for postage.

Tobacco Dust

Kills melon and cucumber bugs, green and black lice, beetles, fleas, etc. Price lb. **5c.**, 10 lbs. **40c.**, 100 lbs. **\$2.00.** If wanted by mail add **16c.** per lb., postage.

GARDEN IMPLEMENTS, ETC.

BLACK HAWK CORN SHELLER



Recommends it-self; simple, strong, durable,

and is guaranteed against breakage under fair treatment, Weight 14 lbs. Each **\$1.75.**



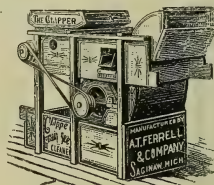
EXCELSIOR HAND WEEDER

Price, **10c.**, by mail, **15c.**

Steel Garden Trowels

Made of heavy steel, with good firm wooden handles. Price, 6 inch **10c.**, by mail **15c.**

Clipper Grain and Seed Cleaner

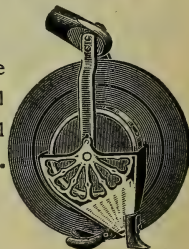


No. 1. Has one wire and 9 perforated zinc screens. Will clean all kinds of grain and seed faster and better than any other mill on earth.

Capacity 40 bu. wheat or 12 bu. of clover per hour. Price complete **\$22.00.**

Excelsior Hand Seeder

A well made, handy little seeder, that will plant all small garden seeds. It will save you time and money. Price **75c.** each.

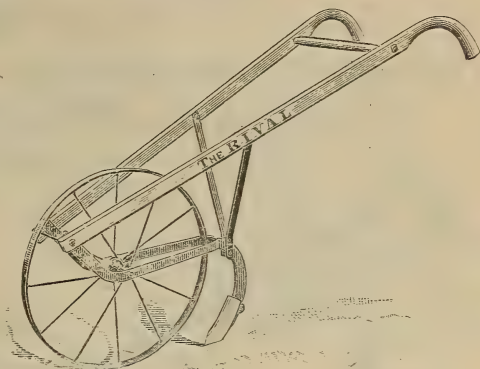


We carry a full line of Pratt's Poultry and Stock Remedies. They are all strictly first class and guaranteed. **Write for Pratt's Poultry and Stock Book.**

The Rival Garden Cultivator

The only successful Balance Frame Plow on the Market

It is safe to say that there is no similar tool made that in ease of operation, high grade material, and fine finish, will equal the "Rival." The Beam is made of a very stiff steel, and is constructed so that when the handles are attached the center of weight falls directly over the pivoting point which forms the axle for wheels, making it self-balancing, and which admits of its being propelled with a minimum of Power. Handles can be raised and lowered to suit man or boy.



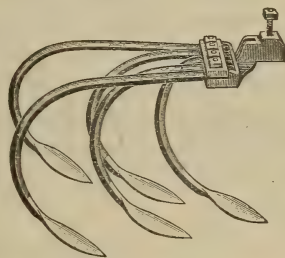
The different extras used on the "Rival" are



Shovel, Calf Tongue, Weeder, Moldboard and Rake. Wheel is 24 inches in height. The "Rival" does satisfactory work and you will find nothing better. Complete, with Five Tools as shown, **\$3.75.**

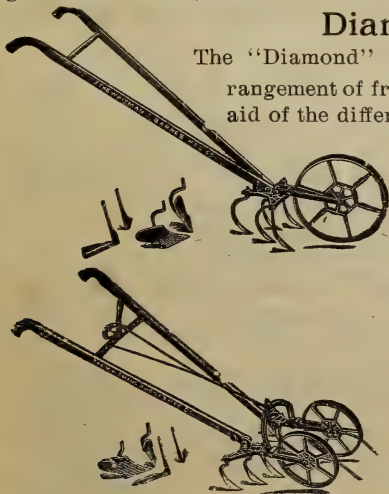
The Norcross Hand Garden Cultivator

The "Norcross" is made of first-class material and finely finished. Perfectly adjustable for all kinds of work. Every part is detachable. The center shovel can be quickly removed and the row straddled. Where rows are close together the three inside shovels may be used. Loosening two nuts releases any one of the prongs to be removed. Detaching center shovel and reversing other four makes potato digger. Pulls weeds, pulverizes the soil thoroughly, giving level cultivation. It is light, very durable, easy to handle and does most excellent work. It can be quickly attached to wheel plow for use by larger gardeners. Price, **\$1.00.**



Diamond Garden Cultivator

The "Diamond" Single Wheel Cultivator has an entirely new arrangement of frame, which is strong, neat and compact, and with the aid of the different attachments it can be used for hilling, furrowing and covering. The hilling attachments or weed cutters can be arranged to hoe in or out and to or from the plants, and can be set at any angle desired. Wheels and handles are both adjustable. Price complete as shown by cut, **\$3.75.**



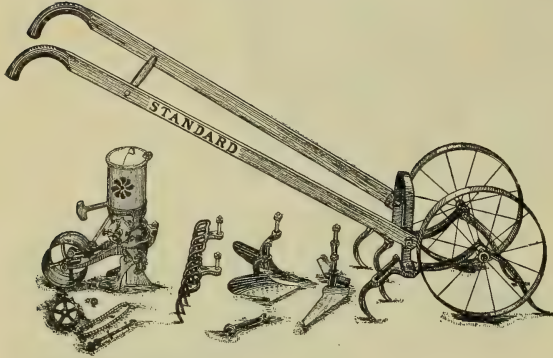
Our "Diamond" Double Wheel Garden Cultivator is superior to anything of the kind yet placed on the market. It has a new device for expanding and enclosing, which permits the operator to set the machine instantly to any desired width. It is furnished with various attachments used for harrowing furrowing and covering. Price as shown, complete, **\$5.00**

STANDARD GARDEN TOOLS

NO. 9 "Standard"

Combined Double and Single Wheel Hoe Cultivator, Plow, Rake, Hill and Drill Seeder

Weight Complete, Packed Ready to Ship, 50 Pounds



The latest improved and best equipped combination ever offered. The cultivator is simplified, stronger readily changed to either a double-wheel or a single-wheel tool, and with the Hill and drill seeder attachment, makes three complete implements in one. The most desirable tool we have to offer. Made with the seeder being driven from the front wheel by an endless steel chain that provides an even, steady power of light draft. The seeder attachment

itself is much improved, being lighter, stronger, very simple and durable with no parts that are liable to get out of order, and above all, has a new double agitator rotary force feed that will positively sow any kind of garden seed evenly and in any quantity desired.

In close comparison in the field, sowing lettuce, radish, onion, beet, peas, etc., this seeder has proved itself equal if not exceed, any seeder now on the market, in distributing the seed evenly either in hills or drills and will not injure the most delicate seed.

The Hill Spacer is the simplest known, being of only one piece, quickly set for hills at 4, 6, 8, 12 and 24 inches apart; it may be set for three different distances without entirely removing the nut that secures it in place, or by removing and reversing, the other two distances are obtained.

Price with all attachments as shown \$11.50.

No. 2 Standard Cultivator

SPRING BEAM, DOUBLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.

Shipping weight, 29 pounds.

This double-wheel hoe comes nearer doing hand hoe work than any wheel hoe ever made. The arch is made in two pieces, connected at the top by one bolt, which allows the wheels to be set from 12 to 16 inches apart. The handles are bolted to the spring beams, permitting the attachments to be moved to and from one another very easily. Handles and all attachments adjustable. Wheels 16 inches in diameter. Price complete with all tools \$6.00.

NO. 4 STANDARD CULTIVATOR

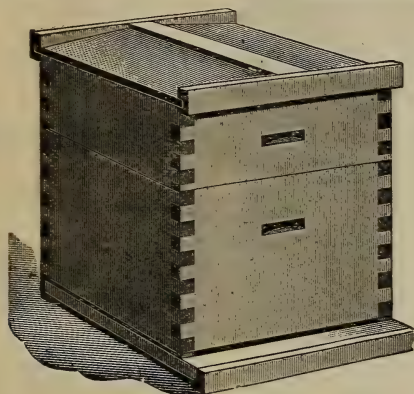
This is a double wheel cultivator with all tools, consisting of four cultivator teeth, two hoes, two plows and two rakes. Unlike the No. 2 this has a solid or stiff frame. A good cultivator and will last a life time. Price complete \$6.00.

NO. 12 STANDARD HILL AND DRILL SEEDER

This machine is the same as the number nine listed above but has only one wheel, no ropes and only one plow. All other tools the same. The best single wheel seeder on the market today. Price complete \$10.75.

Bee Supplies

We make a specialty of the best Bee supplies. If interested write for special catalogues of Bee Keepers' Supplies. It will be mailed free.



Dove Tailed Hives

Packed 5 in Crate

No. 1—E. Dovetailed (like cut) 8 frame, a 1-1-2 story hive for comb honey, with eight improved Hoffman frames, follower board one super with a follower and two wedges; 6 section holders with wood separators, nails for making hives and trimmings. 1 hive for **\$1.85**; 5 for **\$8.50**; 10 for **\$15.50**

1-1-2 story with sections and starters No. 1, one hive, **\$2.05**; 5 for **\$9.50**; 10 for **\$18.00**.

Honey Sections

First quality white Northern Basswood; polished on both sides. Any style, but standard size only.

Unless you order otherwise, we will send you sections 4 1-2x4 1-2x1 7-8.



ONE PIECE SECTION. OPEN TOP AND BOTTOM. NO. 1 QUALITY

100	-----	\$.75	500	-----	\$2.50
250	-----	1.40	1000	-----	4.75
		3000 or over, per 1000		-----	
				\$4.50	

Plain sections 3 5-8x5, 4 1-4x1-4, and 4-5 are 25c per 1000 less than bee-way (open top and bottom) sections.

Globe Bee Veil

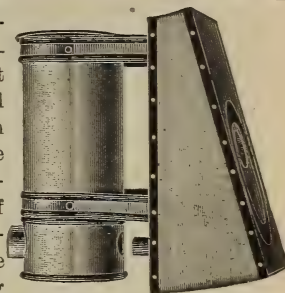


No trouble to put on or take off; perfect protection; we know of nothing better.

By mail, for **\$1.00**; extra nets, **60 cents** each.

THE HIGGINSVILLE SMOKER

This is a hot blast smoker and has a 31-4-inch fire box, and the nozzle is detachable to admit of filling or cleaning. We believe it has as strong a blast as any smoker made. A bar of folded tin running parallel with a bellows protects the hand from coming in contact with the hot fire-box. Price each **75c**.



Honey Boards, Zinc Queen Excluders, Etc.

Zinc Queen Excluder for 8-frame hive, **15c** each; 10 for **\$1.20**; 50, **\$5.50**.

Wood bound slatted zinc honey boards, 8-frame **20c** each; 10, **\$1.80**.

Bee Entrance Guards, large size **10c** each, 10 for **80c**.

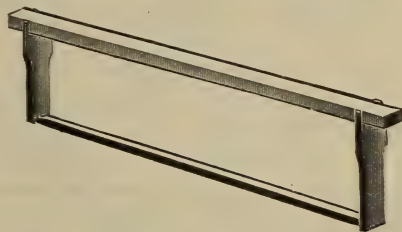
Comb Foundation or Starter

Extra thin for sections, 1 lb., **65c**; 5 lbs., **\$3.00**.

Medium, for Brood Chamber, 1 lb. **60c**; 5 lbs., **\$2.75**. If wanted by mail add **16c** per pound for postage.

Parker's Foundation Fasteners

For putting comb foundation in sections. Any one with little practice can put in 500 starters an hour with them. Price **25c** each; by mail **40c**.



The Hoffman Frame

This is the most universally used frame on the market. It is strong, durable and has all the good features that constitute a perfect frame, Price **3c** each. **\$2.75** per 100.

Shallow Extracting Frames

These are to be used in place of section boxes in the super for extracted honey.

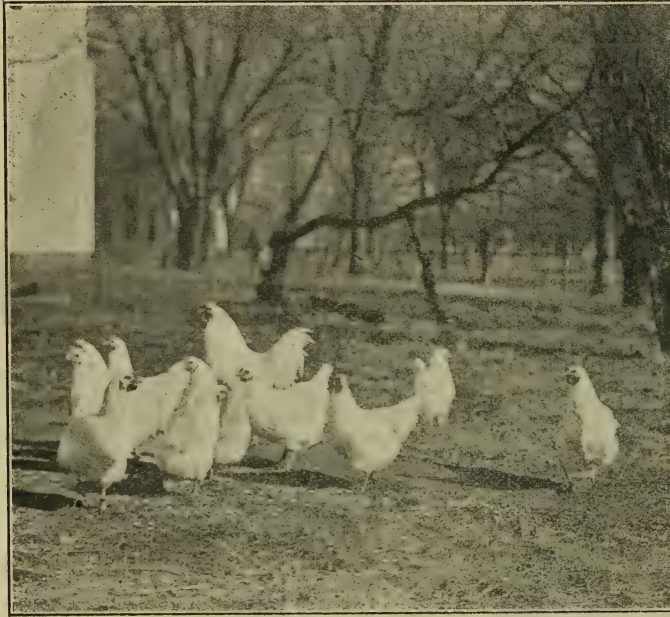
Price **2 1-2c** each; **\$2.25** per 100.

Porter Bee Escapes

Porter Bee Escapes, to clear the supers of bees. Saves time and bee stings.

Price, **20c** each; postpaid **\$2.00** doz.

Price with board, **35c**; **\$3.20** for 10 not prepaid.

J. W. MILLERYards, W. Highland
City Office, Howard &
Second Streets

A TRUE PHOTOGRAPH OF PEN NO. 10

PURE BRED
PHENOMINAL
LAYING**White
Wyandottes**that are white, and
Single Comb Black
Minorcas, both bred
for the show and
laying.The breeds that do the
laying, the most eco-
nomical, because they will
hustle for a living where
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Prices Reasonable.

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Buff, Black & White Orpingtons**AS GOOD AS GROW****C. A. EMRY**

CARTHAGE, MO. SEND FOR CIRCULARS

Rose Comb Rhode Island Reds**Large Birds, Great Winter Layers.**I exhibited two Cockerels at Southwest Missouri Poultry
Show, and won first and second prizes.Stock sold by me this fall, won 2nd Pen and 2nd Cockerel
at Warsaw, Ill., Show.**EGGS FOR SALE CORRESPONDENCE SOLICITED
MRS. A. W. MORGAN**

422 South McGregor Street

Carthage, Missouri.

Clayt C. Sweet

Breeder of

BUFF ORPINGTON CHICKENS

Eggs From

\$1.00 to \$3.00

Per Setting

R. F. D. No. 5

CARTHAGE, MO.

Thoroughbred Rose And
Single Comb Rhode Island Reds

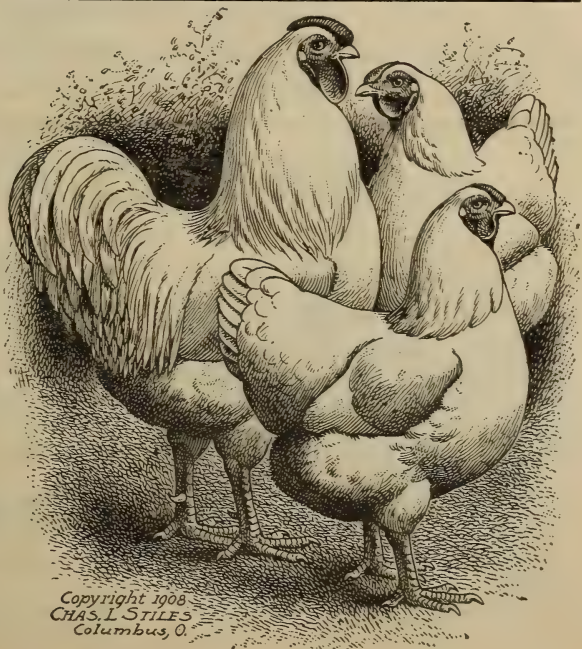
Eggs for hatching at \$2.00 per 15; \$3.50
per 30; \$5.00 per 45; \$9.00 per 100.

1 Extra Premium pen R. C. \$5.00 per 15.

1 Extra Premium pen S. C. \$5.00 per 15.

D. J. BLISS

Carthage, : : : Missouri



White Wyandottes

Standard Bred

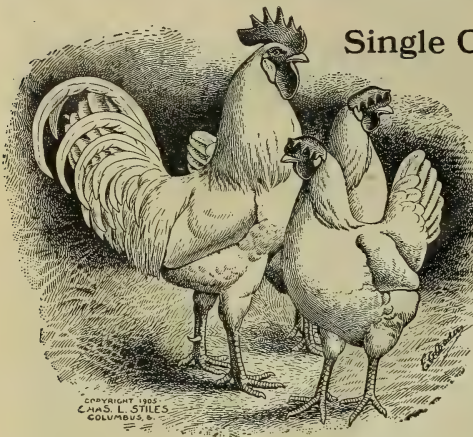
Prize Winners at the South-
west Missouri Poultry As-
sociation Show, Nov. 9 to 12,
1910. 1st Cock, 1st Hen, 2nd
Hen, 3rd Pen. Eggs from
this pen \$5.00 for 15; other
pens \$1.50 to \$3.00 for 15.
Good Cockrels from first pen
2.00 to \$15.00 each. I have
some fine young Black Or-
pington Cockrels for sale.
Black Orpington eggs \$5.00 for
15. Mail orders given prompt
attention.

W. H. WILBER

Home Phone 101 blue Carthage, Mo.

Cor. Highland & Main Sts.

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**Single Comb White Leghorns, Duroc
Jersey Hogs & Jersey Cattle**

At the Southwest Poultry Show won
1st and 2nd Ckl, 1st and 2nd hen,
2nd Pullet and 1st Pen.

Eggs for Hatching Utility \$5 00 per
100; \$1.00 per 15. Call or write.

F. B. Swinehart

5 mi. East on Avilla Road
1-2 mi. South R. F. D. No. 8

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BREEDER AND RAISER OF

Pure Bred Partridge Cochín Chickens

Young Cockerels for Sale.

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The best all purpose chicken that
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Eggs \$1 and \$2 per Setting
Stock for Sale

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As Utility Birds---They Lay Well

8 HENS LAID 1636 EGGS IN 12 MONTHS

We breed

White Plymouth Rocks
THE BEST IN THE WORLD.



As Show Birds—they Score well. Won in 1910 4th on Cock at Missouri State Show, and 10 prizes at Southwest Mo. Poultry Show in class of 65 fine White Rocks

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Write, Phone or Come And See

Hill Crest White Rock Farm

A nice lot of White Rock Cockerels for Sale, all scored by Judge Emry, ranging in prices from \$2.00 to \$10.00. Eggs for hatching in season. I have some very high class pens this year made up from prize winners. Eggs \$2.00, \$3.50 and \$5.00 per setting. Special rates per hundred. Don't buy until you write me for I can furnish you as high quality as can be bought anywhere.

I BREED ONLY ONE KIND

U. R. FISHEL STRAIN

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*S. S. and Buff Orpingtons
White Plymouth Rocks
and S. C. White Leghorns*

Our Stock Is Strictly First Class

At Southwest Missouri Poultry Show November 9-12, 1910. We won Four Firsts, Four Seconds, Four Thirds and One Fourth in strong competition.

We Guarantee Satisfaction

Visitors are Welcome at all times Except Sundays.

Yards at Oakland Station on the Southwest
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Can Supply Eggs after January 1st at following prices:

Orpingtons, White and Buff \$5.00 for 15.

White Plymouth Rocks, \$5.00 for 15.

S. C. White Leghorns, \$2.50 for 15, \$4.50 for 30,
\$7.00 for 50.

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S. C. BLACK ORPINGTONS THAT WEIGH, LAY AND WIN

(Cockerels 10 to 12 lbs. Hens 8 to 10 lbs.)

Black Orpingtons hold the record for quick maturity and early laying qualities. (In the great Australian laying contest a pen of Black Orpingtons headed the list of all breeds.) Eggs for hatching for sale, from select Breeding Pen \$2.50 per 15. From Farm Range \$1.50 per 15.

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R. R. No. 6

Single Comb Brown Leghorns

AS GOOD AS THE BEST
EGGS FOR SALE IN SEASON

Mrs. F. M. Corwin, *Carthage, Missouri*
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Home Phone 368 Red 2 Rings

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The Orphingtons are the only breed of chickens that will talk. They are the only breed that will talk to you. They are the only breed that will talk to you. They are the only breed that will talk to you.

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Simple Young Fresh Eggs

AS GOOD AS THE BEST
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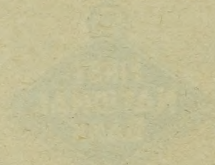
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OUR LEADER

BRIDLE 5-8 inch, open round cheek or box looped blind cheek. Layer on crown, overcheck, leather noseband and front. LINES 1 and 1-8 inch spring billets, all black. Add 25 cents for fair leather hand parts and 50 cents for folded hand parts. BREAST COLLAR 3 inch, single strap, V-shaped. TRACES 1 and 1-4 inch single strap attachments to breast collar, waved raised points. SADDLE 3 inch swell, 1 inch bearier, flexible tree, extended housing swing bearer. SHAFT TUGS 1 inch. BELLEY BANDS 2 inch Griffith style. BREECHING 1 and 3-4 inch three-ring stay, 3-4 inch hip straps, 7-8 inch turnback, raised waved layer, 7-8 inch side straps, round dock.

Imitation rubber-trimmed open bridle	\$13 00
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Add 25 cents to above if you want blind bridle. We always ship open bridles unless blinds ore ordered. No extra charges for hames instead of breast collar. \$1.00 extra for hip and neck straps with long rings.

This harness if not satisfactory, ship same back at our expense. Our terms are cash with order, we can ship this harness with seeds from Tucker's Seed house and save freight charges.

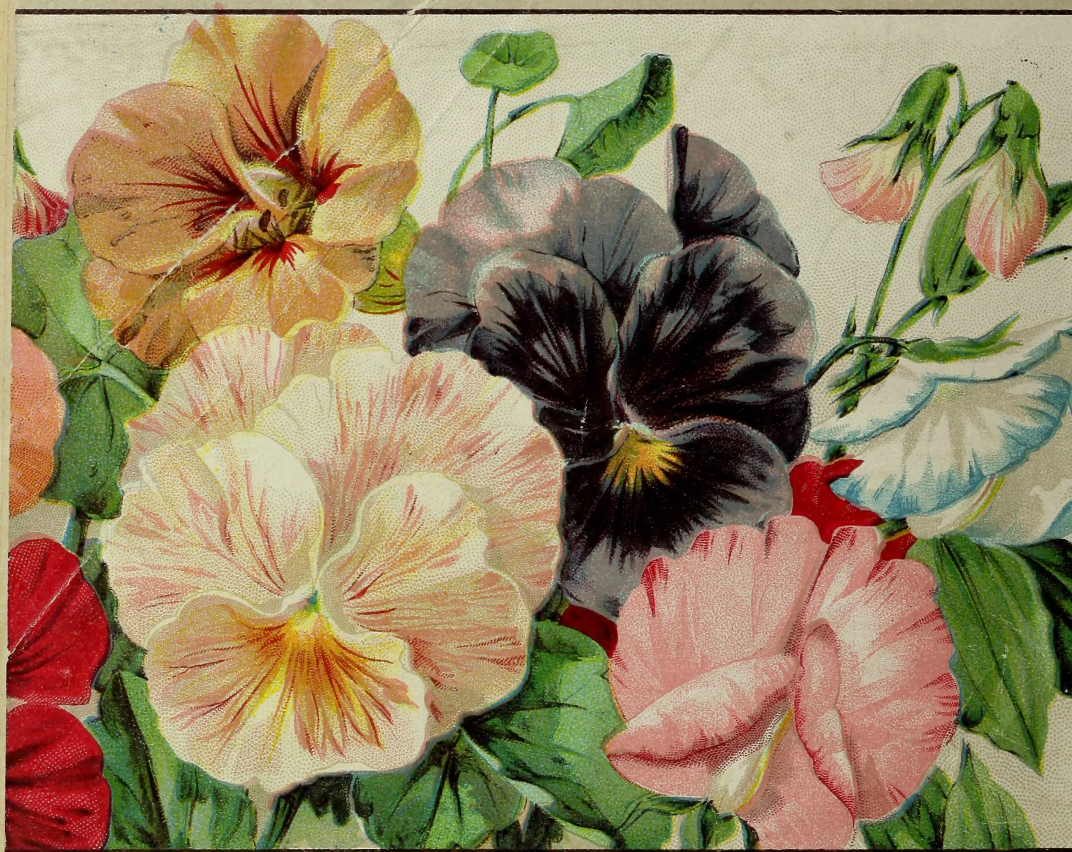
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