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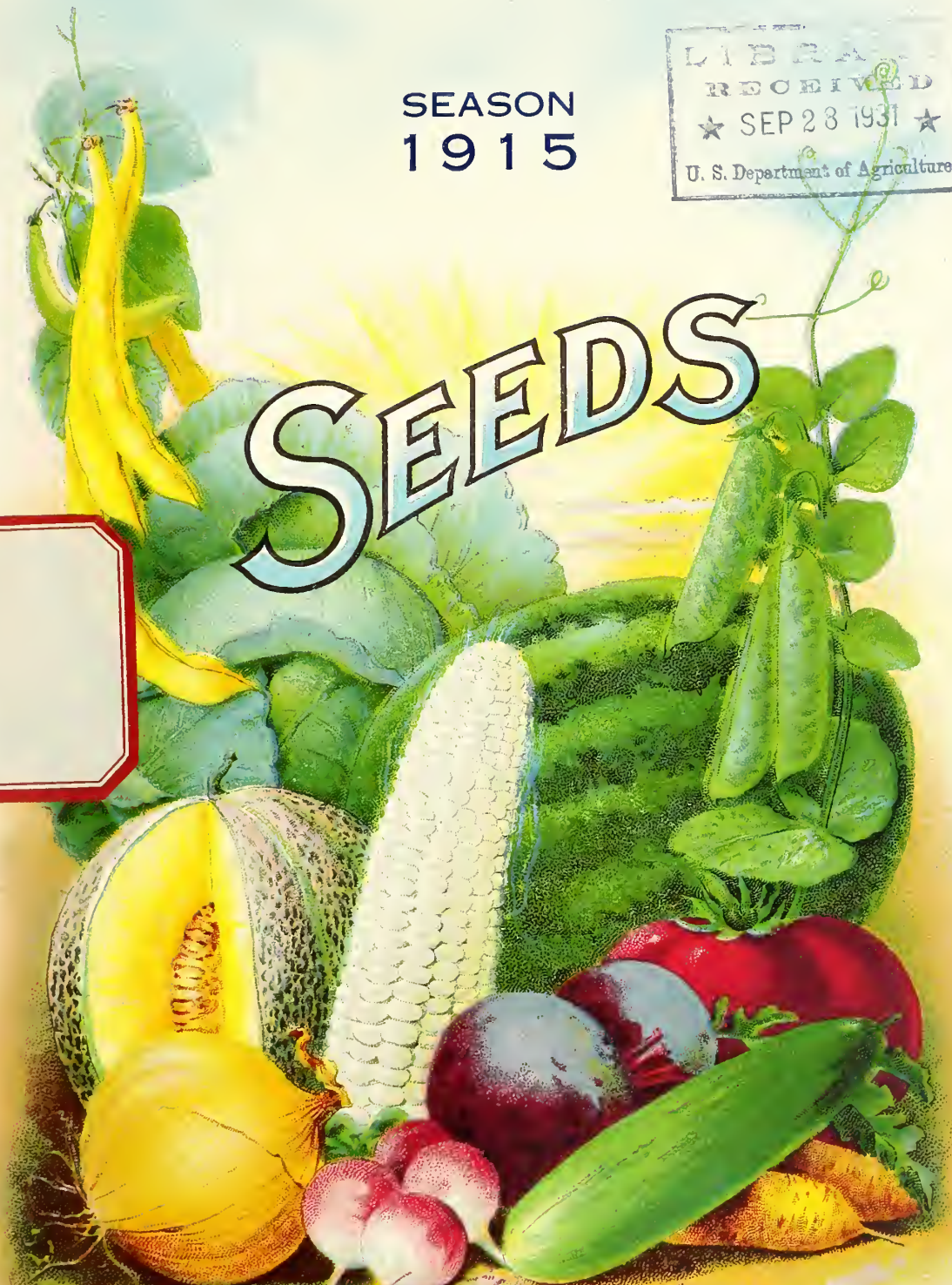
# Annual Seed Catalogue

SEASON  
1915

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# SEEDS

Arlington Farm.



## REDING AND CLARK

JOPLIN, MISSOURI



# To Our Friends and Patrons

We take pleasure in handing you our 1915 Seed Annual, and desire to thank you for the large increase in patronage we have again enjoyed the past year.

It is our constant aim to supply only the Highest Quality Tested Seeds and to give service that will merit a continuance of your esteemed orders.

We wish all a Prosperous 1915 season

REDING & CLARK, JOPLIN, MO.

**IMPORTANT SUGGESTIONS.** Always use the Order Blank and envelope sent with this Catalog when possible. Write plainly, keep a copy of your order and be sure to sign your name, Postoffice County, and State every time you write to us. Extra Envelopes and Order Blanks will be sent on application, also additional Catalogs, if desired.

**SEND MONEY.**—Remittance should always accompany the order. Remittances may be made at our risk by any of the following methods: Postoffice Order, Bank Draft, Express Co. Money Order, Registered Letters. We will also accept one and two cent postage stamps, as payment for orders, where the amount does not exceed \$1.00.

**No Goods Sent C. O. D.** unless cash to the amount of one-fourth the order accompanies the same.

**Guarantee.** Complaints made that seeds are not good, should quite as often be attributed to other causes, as to the quality of the seeds. There are contingencies continually arising to prevent the very seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear; wet weather, cold weather, frost, chemical changes in the seeds induced by temperature, etc. For all these reasons it is impossible to guarantee seeds under all circumstances, and while we exercise the greatest care to have all seeds pure and reliable, we give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs, or plants we send out, and we 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. We test all our seeds before sending them to our customers, and should they fail to grow, if promptly and properly tested by the customer, will replace the same amount or give value in others.

## PARCEL POST INFORMATION

Your Postmaster or Rural Route Carrier Will Tell You the Parcel Post Zone in Which Your Postoffice is Located, Measuring from Joplin, Mo.

Weight of package.	Local Zone	1st Zone	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
This table tells you postage required on any Parcel Post package for any distance.	City of Joplin its rural routes Postage required	Not over 50 miles from Joplin Postage required	51 to 150 miles from Joplin Postage required	151 to 300 mi. from Joplin Postage required	301 to 600 mi. from Joplin Postage required	601 to 1000 mi. from Joplin Postage required	1001 to 1400 mi. from Joplin Postage required	1401 to 1800 mi. from Joplin Postage required	Over 1800 miles from Joplin Postage required
Over 8 oz. up to 1 lb.	\$0 05	\$0 05	\$0 05	\$0 06	\$0 07	\$0 08	\$0 09	\$0 11	\$0 12
Over 1 lb. up to 2 lbs.	06	06	06	08	11	14	17	21	24
Over 2 lbs. up to 3 lbs.	06	07	07	10	15	20	25	31	36
Over 3 lbs. up to 4 lbs.	07	08	08	12	19	26	33	41	48
Over 4 lbs. up to 5 lbs.	07	09	09	14	23	32	41	51	60
Over 5 lbs. up to 6 lbs.	08	10	10	16	27	38	49	61	72
Over 6 lbs. up to 7 lbs.	08	11	11	18	31	44	57	71	84
Over 7 lbs. up to 8 lbs.	09	12	12	20	35	50	65	81	96
Over 8 lbs. up to 9 lbs.	09	13	13	22	39	56	73	91	1 06
Over 9 lbs. up to 10 lbs.	10	14	14	24	43	62	81	1 01	1 20
Over 10 lbs. up to 11 lbs.	10	15	15	26	47	68	89	1 11	1 32
Over 11 lbs. up to 12 lbs.	11	16	16	28	51	74	97	1 21	1 44
Over 12 lbs. up to 13 lbs.	11	17	17	30	55	80	1 05	1 31	1 56
Over 13 lbs. up to 14 lbs.	12	18	18	32	59	86	1 13	1 41	1 68
Over 14 lbs. up to 15 lbs.	12	19	19	34	63	92	1 21	1 51	1 80
Over 15 lbs. up to 16 lbs.	13	20	20	36	67	98	1 29	1 61	1 92
Over 16 lbs. up to 17 lbs.	13	21	21	38	71	1 04	1 37	1 71	2 04
Over 17 lbs. up to 18 lbs.	14	22	22	40	75	1 10	1 45	1 81	2 16
Over 18 lbs. up to 19 lbs.	14	23	23	42	79	1 16	1 53	1 91	2 28
Over 19 lbs. up to 20 lbs.	15	24	24	44	83	1 22	1 61	2 01	2 40
Over 20 lbs. up to 21 lbs.	15	25	25						
Over 21 lbs. up to 22 lbs.	16	26	26						
Over 22 lbs. up to 23 lbs.	16	27	27						
Over 23 lbs. up to 24 lbs.	17	28	28						
Over 24 lbs. up to 25 lbs.	17	29	29						
Over 25 lbs. up to 26 lbs.	18	30	30						
Over 26 lbs. up to 27 lbs.	18	31	31						
Over 27 lbs. up to 28 lbs.	19	32	32						
Over 28 lbs. up to 29 lbs.	19	33	33						
Over 29 lbs. up to 30 lbs.	20	34	34						
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Over 32 lbs. up to 33 lbs.	21	37	37						
Over 33 lbs. up to 34 lbs.	22	38	38						
Over 34 lbs. up to 35 lbs.	22	39	39						
Over 35 lbs. up to 36 lbs.	23	40	40						
Over 36 lbs. up to 37 lbs.	23	41	41						
Over 37 lbs. up to 38 lbs.	24	42	42						
Over 38 lbs. up to 39 lbs.	24	43	43						
Over 39 lbs. up to 40 lbs.	25	44	44						
Over 40 lbs. up to 41 lbs.	25	45	45						
Over 41 lbs. up to 42 lbs.	26	46	46						
Over 42 lbs. up to 43 lbs.	26	47	47						
Over 43 lbs. up to 44 lbs.	27	48	48						
Over 44 lbs. up to 45 lbs.	27	49	49						
Over 45 lbs. up to 46 lbs.				28		50		50	
Over 46 lbs. up to 47 lbs.				28		51		51	
Over 47 lbs. up to 48 lbs.				29		52		52	
Over 48 lbs. up to 49 lbs.				29		53		53	
Over 49 lbs. up to 50 lbs.				30		54		54	

If seeds and supplies are wanted by express or freight at customers expense, deduct 5 cents per pound or 10 cents per quart from Postpaid prices in catalogue.

### INSURED PARCEL POST

Packages up to \$25.00 in value will be insured for their full value on payment of a fee of 5 cents for each package in addition to the regular post rates. Packages in value over \$25.00 will be insured for their full value, but not to exceed \$50.00 for a fee of ten cents for each package in addition to the regular Parcel Post rates. If you desire your package insured, send the insurance fee in addition to the amount you send to pay for the goods and shipping charges—and be sure to mention same on your order.

### WEIGHT LIMIT

In the local, first and second zones, packages will be delivered by Parcel Post, weighing up to 50 pounds. In the third to eighth zones the weight limit is 20 pounds.

# Quality Vegetable Seeds

**OUR** stocks of vegetable seeds cannot be excelled for quality. Every variety listed has been carefully tested for germination and have been produced by growers who by years of careful selection and study have gained a world-wide reputation in their respective lines. You cannot afford to plant poor seeds. Our **QUALITY SEEDS** assure your success.

## FREE POSTAGE

At prices quoted we prepay postage on all seeds by the packet, ounce,  $\frac{1}{4}$  pound, pound, pint, and quart. Larger quantities by express or freight at customer's expense. If money sent more than covers our allowance for postage we will gladly refund the extra amount sent.

## FREE SEEDS, AND DISCOUNTS FOR LARGE ORDERS

**BULK SEED DISCOUNT**—On orders amounting to \$5.00 deduct 10 per cent. On orders amounting to \$10.00 deduct 12 per cent. On orders amounting to \$15.00 deduct 15 per cent.

Providing you use the prices given in this book and do not include any Field Seeds, Grass Seeds, potatoes, Onion Sets, Poultry Supplies, etc., on which we only give the lowest net prices at time Catalogue is issued.

**PACKET AND OUNCE SEED DISCOUNT**—For 25c we send 30c worth of seeds, pkt. or ounce. For 50c we send 65c worth of seeds, pkt. or ounce. For \$1.00 we send \$1.30 worth of seeds, pkt. or ounce. In taking advantage of our packet and ounce discount no larger quantity than packets or ounces of any kind can be included.

**FREE SEEDS**—In addition to the above discounts we make a rule of throwing in extra packets where liberal orders are sent in.

From the very beginning of our seed business we have always stated plainly that where failure is caused by any fault of the seed, we would refund the full price paid for the seed. This should convince even new customers that we have confidence in Reding & Clark's Quality Seeds. No honest seedsman could assume responsibility for more than the price actually paid for the seed by the purchaser.

## ORDER EARLY

It is important to order as soon after you get the Catalog as convenient, then you will have your seeds at hand for planting when you want them; besides, if you want seeds in large quantities they can be sent by freight much cheaper than by express. Small Orders, however, can often go as cheaply by express.

## SHIPPING ORDERS

When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best judgment.

## LARGE ORDERS

Any Dealer, Market-Gardener, Institution or any individual, wishing seeds in large quantities, is requested to mail us a list of what he wants and we will promptly return it with the very lowest prices marked. A letter of inquiry may save you dollars if you want to buy in quantity.

## SMALL ORDERS

If you only want a single packet, do not hesitate to order it. We take as much pains with small orders as with large ones. Small orders for Reding & Clark's Quality Seeds are sure to grow larger.

## WE URGE

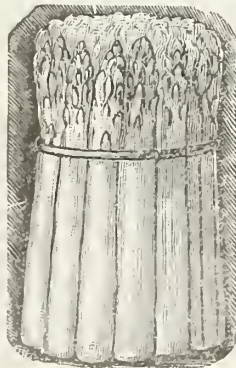
Customers to inform us promptly on the arrival of orders if anything proves otherwise than expected. We aim to make friends of our customers, and mail orders receive the same careful attention that customers do over our counters, but we are only human, and errors sometimes (though not often) occur. When they do we are willing and anxious to rectify them.

If you have a Rural Mail Delivery be sure to give the Number and Box of your Route, if necessary, when ordering.

# ASPARAGUS

One ounce of seed will sow 60 feet of drill. Soak the seed 4 hours in tepid water, sow early in spring in rows one foot to sixteen inches apart, keep clean from weeds and grass. After the tops turn yellow in fall, cut them off and remove from bed. Cover the beds in the fall with about 4 inches of rotted manure or leaves.

**Columbia Mammoth White**—The immense shoots are clear white, and in favorable weather remain so until three or four inches above the surface. The crown or bud of the young stalk is considerably smaller than the part just below it, thus further distinguishing the variety. All but a few of the seedlings will produce clear, white shoots and the green ones can be readily distinguished and rejected when setting the permanent bed.



Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

**Conover's Colossal**—A standard variety of large size and delicious quality. Certainly one of the best varieties grown. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

**Palmetto**—A close second to our famous Columbia White Mammoth. An enormous yielder, very tender and appetizing, producing large, clear stalks of excellent quality. Very early. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

## ASPARAGUS ROOTS

The purchase of roots two years old will save two years' time. Best two year roots of the above varieties: dozen 25c; postpaid. Not postpaid fifty, 50c; hundred \$90c; thousand \$5.00.



If wanted by express or freight deduct 5c per pint 10c per quart from price quoted. Prices include postage on packets, pints, and quarts, larger quantities at customers' expense.

# GREEN PODDED BUSH BEANS

Owing to a very unfavorable season in the northern Bean growing states during 1914 all varieties of seed beans are very scarce and prices are necessarily made much higher. We strongly advise early orders for this season to be sure to get the varieties you select.

## REDING & CLARK'S FAVORITE

Without exception one of the finest Green Pod Bush Beans. Our sales on this variety of Beans last season more than doubled any preceding year, and our customers everywhere are sending us words of praise of the good merits of this bean.

The plant is remarkably handsome and thrifty growth, being practically rust and mildew proof. It is very hardy, extremely early, very prolific and bears continuously for several weeks. The vines are large somewhat spreading and prolific. The foliage is dark green, with leaves large and crumpled. The pods are very long, often six to seven inches, flat, irregular in shape, bright but rather dark green and of excellent quality. Seed of medium size, oval, flat, yellowish brown in color. The pods are entirely free from any tough, membranous lining, not only when young, but this tender quality is retained even into maturity. The one best bean for the home gardener. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.50; pk., \$2.50; bu., \$9.00.



REDING & CLARK'S FAVORITE

### Burpee's Stringless Green Pod.

One of the finest early Beans in cultivation and one that has held its place in spite of many new introductions for which superior qualities were claimed. It produces in profusion long, straight, round, deeply saddlebacked pods early in the season. The pods are absolutely stringless at all stages of growth, brittle, tender and of real good flavor. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.25; pk., \$2.25; bu., \$8.00.

### The Improved Longfellow

A remarkable early and exceedingly prolific variety of Beans. The plants are of robust; compact habit, bearing a profusion of round, straight, fleshy pods, averaging 6½ inches long. The pods are remarkably tender and brittle, without a trace of tough inter-lining. They are stringless in stages of growth except when quite old. In cooking, they retain their delicate green color, making them very attractive when served. The flavor is delicious, pleasing the most critical. Although of recent introduction, this variety has attracted considerable attention, and we do not hesitate to proclaim it the ideal Snap Bean. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.25; pk., \$2.25; bu., \$8.00.

### Dwarf Horticultural

Pods are of medium length, slightly curved, and when nearly developed are freely splashed with bright red on the yellow skin. The green beans are of good size, tender, and fine flavor. Any surplus beans not needed for use during the summer, make excellent soup or baking beans for winter. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.25; pk., \$2.25; bu., \$8.00.

### California Bunch or Prolific Tree

A valuable variety for field culture, 20 inches high, stiff, upright branches. Often yields 45 bushels to the acre. The bean resembles the white navy. Pkt., 10c; pt., 20c; qt., 35c; gal., \$1.00; pk., \$1.75; bu., \$6.00.

### Mammoth Stringless Green Pod

This is an exceptionally good variety, possessing all the merits of its namesake, the Stringless Green Pod, with much larger pods. The plants are stocky and strong growers; pods slightly curved, rounded, saddlebacked and meaty. They are brittle and stringless at all stages, and in quality and flavor are surpassed by none. Our customers who have tried the Mammoth Stringless, are unanimous in praising it. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.25; pk., \$2.25; bu., \$8.00.

### 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., 25c; qt., 45c; gal., \$1.25; pk., \$2.00; bu., \$7.50.

### Bountiful

This new, green podded Bush Bean is a heavy cropper and very early, of fine shape, stringless, and good quality. Its hardness and great productiveness make it one of the very best Bush Beans. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.25; pk., \$2.25; bu., \$8.00.

Refuge or 1,000 to 1.

One of the later of green podded sorts; used for pickling; pods long cylindrical; prolific. Pkt., 10c; pt., 20c; qt., 35c; gal., \$1.15; pk., \$2.10; bu., \$7.50



# Yellow or Wax Podded Bush Beans

## R. & C.'S PREMIUM WAX

### The One Best Wax Podded Bush Bean

The great success our customers have had with this great new Bean, places it pre-eminently at the head of all the Yellow Podded Wax Beans. Premium Wax is the one best Yellow Podded Bean for home or market garden.

#### Premium Wax.

Is unusually robust and healthy. The strong foliage resists disease and unfavorable weather conditions perfectly, and the plants show no constitutional weakness. Premium Wax is prolific. Whether sown during spring, summer or fall, it invariably produces loads of handsome, waxy yellow pods, about 5 inches long. The pods are solid and very meaty. Premium Wax takes the prize for quality. The pods are tender at all stages of growth and of delightful flavor. They are of great beauty stand shipping well, and this, in connection with the prolific character of this sort, makes it pre-eminently a market gardener's favorite. Pkt., 10c; pt., 25c; qt., 50c; gal., \$1.50; pk., \$2.50; bu., \$9.00.

#### Pencil Pod Black 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, hardiness and prolificacy, it is certainly a winner. It stands in a class by itself. We have sold this bean for several years with the best of satisfaction under all conditions. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.35; pk., \$2.50; bu., \$9.00.

#### Davis Wax

A very hardy and productive variety, desirable where a wax podded, white seeded midseason sort is wanted. Vines very vigorous. Pods invariably long, six and one-half to seven inches, light yellow, straight, handsome and when young are crisp and tender, seed medium large kidney shaped, clear white, excellent for baking. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.35; pk., \$2.50; bu., \$9.25.

#### Wardwell's Kidney Wax

This variety maturing a little later than the Golden Wax yields a large crop of long, nearly straight, broad, light golden yellow, handsome pods. These are of large size, about six inches long, and are of good quality. They always command a ready sale, making the variety one of the most profitable for the market gardener. Suitable also for snaps for the home garden use. The leaves are large and slightly roughened. Seed large, flattened, kidney shaped white with dark markings about the eye. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.40; pk., \$2.50; bu., \$9.25.

## BUSH 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. 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.

Burpee's—The only bush form of the true, luscious large Lima. It is pronounced by all good judges as unquestionably the real Bush Lima. The bushes grow eighteen to twenty inches high, of stout growth and always erect. It is an immense yielder.

Dreer's—The true bush form of the chubby Dreer's or Potato Lima. The pods are heavy and thick. It is quite productive and of excellent quality. Price all Lima Beans. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.35; pk. \$2.50; bu. \$9.00.

Prices all Lima Beans: Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.35; pk., \$2.50; bu., \$9.00.



R. & C.'S PREMIUM WAX

#### Violet Flageolet Wax

Known also as, Perfection Wax; pods very large long and somewhat twisted. When well grown it is one of the most showy of wax beans. Seed large, flat, dark violet. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.35; pk., \$2.50; bu., \$9.00.

#### Improved Golden Wax

In spite of all the new sorts of beans introduced every year our Golden Wax Bean still retains its popularity. This is a decided improvement on the old Golden Wax, as it is almost wholly free from rust. The pods are of a dark rich golden yellow color and of perfect shape. Cooking quickly as snaps, shelling well when green and of highest quality in either way. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.35; pk., \$2.50; bu., \$9.00.





# POLE BEANS

Prices all Pole Beans, except where noted. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.35; pk., \$2.40; bu., \$8.50. Prices on all Beans in Packets, Pints and Quarts include postage paid.

## REDING & CLARK'S PERFECTION WAX

The Acme in yellow podded, Pole Beans. Its large handsome fleshy pods are of the finest flavor imaginable.



R. & C.'S PERFECTION

seeds make excellent winter shell beans. Extends the season considerable. Pkt. 10c; pt. 15c; qt. 25c; pk. \$1.90; bu. \$6.50.

### POLE LIMA BEANS

**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. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.30; pk., \$2.40; bu., \$9.00.

**Dreers Improved Pole Lima**—One of the best of the Pole Lima's. Very productive, broad pods and of delicious flavor. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.30; pk., \$2.40; bu., \$9.00.

**Early Jersey Lima**—About 10 days earlier than any other pole Lima listed. Beans rather small, very productive fine flavor. Pkt., 10c; pt., 25c; qt., 45c; gal., \$1.30; pk., \$2.40; bu., \$9.00.

Pods are long and so thick and fleshy that they are frequently greater in thickness than in breadth; they are meaty and nearly stringless. The vines commence to bear when scarcely higher than the average bush variety and bear until killed by frost. It is a vigorous grower, one plant filling a pole with a mass of vines, densely loaded with the beautiful golden pods. We offer you this bean as being absolutely at the top in Pole Beans. Price pkt., 10c; pt., 25c; qt., 50c; 4 qts., \$1.35; pk., \$2.50; bu., \$9.50.

**Kentucky Wonder, or Old Homestead**—An old favorite, with long, fleshy, deeply saddle-backed pods. Very prolific, producing an abundance of fine, stringless, crisp beans until late in the season. Of best quality.

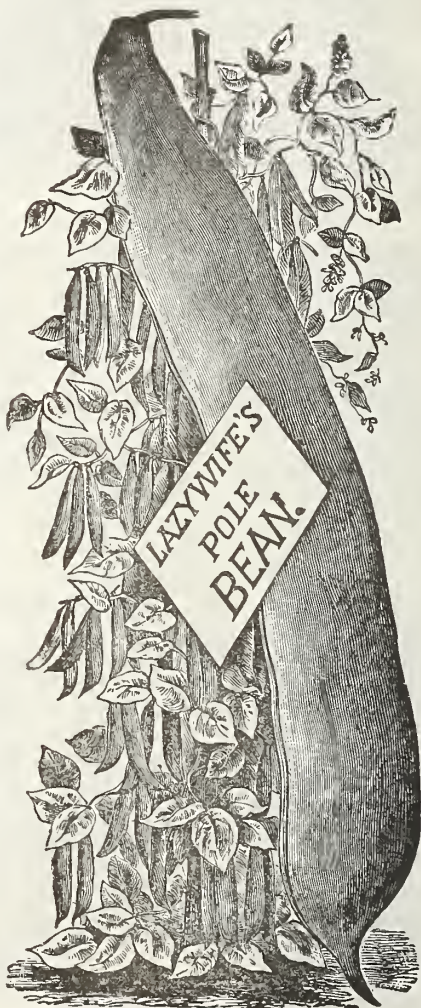
**Crease Back or Fat Horse**—Wonderfully productive, pods long and stringless, bears 4 to 12 pods in a cluster.

**Dutch Case Knife**—Vines moderately vigorous, climb well and excellent for a corn hill bean; leaves large, crumpled, and pods very long, flat, green in color, becoming creamy white later. Beans broad kidney shaped, flat and white in color.

**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.

**Cut Short or Corn Hill**—An old popular sort for planting among corn.

**Lazy Wife**—Prolific sort, with handsome entirely stringless pods. They measure from 4½ to 6 inches in length, are thick and fleshy, and retain their rich tender and luscious quality until nearly ripe. The white, dry



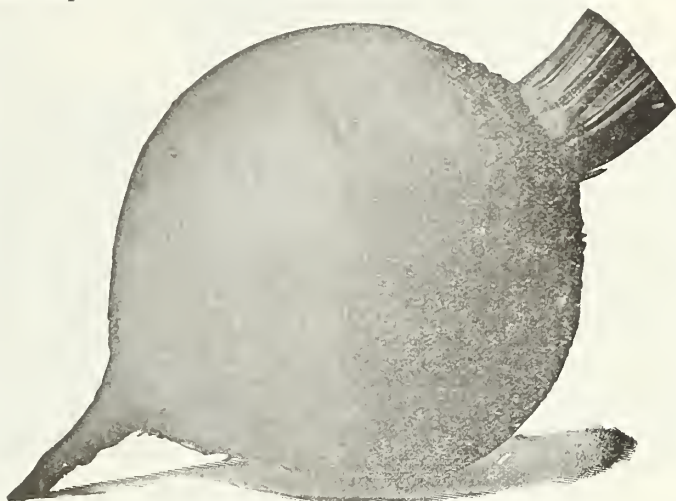


## QUALITY GARDEN BEETS

Prices of all Beets listed except where noted, Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c. Postage paid.

Beets grow best in moderately rich, light loam. Sow the seed as soon as the ground becomes fit to work, in drills 18 inches apart, 1 inch deep.

**CRIMSON GLOBE**—This splendid variety has now been grown quite extensively in many sections of the country and the many good reports received from our customers indicate that it gives most thorough satisfaction. The root is of medium size, generally about three inches in diameter very handsome in shape, being a little deeper than round, with a remarkably smooth surface. It has a very small taproot. The very dark leaves are small and borne on slender stems, which occupy but a small portion of the root, but it is the exquisite tenderness of the flesh and the complete absence of any stringy or woody character that so thoroughly distinguish this beet. The interior color is very deep crimson, but is ringed or zoned in a most beautiful manner, making it very attractive in appearance. Pkt. 5c; oz., 10c; ¼ lb., 25c; lb., 90c.



### CRIMSON GLOBE

**Half-Long Blood Red**—Of handsome shape, fine quality, quick growth; good for winter use if dark red color, not large, but extremely early. Of good quality when young and tender.

**Extra Early Egyptian**—Of flattened shape and planted late.

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

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

### SWISS CHARD

A peculiar variety of Beet, of which the leaves only are used. It does not make a large root, but the leaves are splendid "greens" when cut young, and are equally delicious when allowed to mature. The broad, white leaf-stalks or mid-ribs are cooked and served like Asparagus. Produces continually from July until Fall. Can be had throughout the Summer when Spinach cannot be grown. Pkt., 5c; oz., 20c; ¼ lb., \$1.50.

**Swiss Chard Lucullus**—The plants grow from 2 to 2½ feet tall and consist, when fully developed, of about a dozen creamy white, attractively curled leaves. These leaves are carried on broad, thick stalks, about 12 inches long. Take the leafy portion of the plant and cook like Spinach. Prepare the stalks as you would Asparagus. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

**Detroit Dark Red Turnip**—This superb variety is probably the most popular deep red turnip Beet, not only for market gardeners, but for home use. It is also one of the best for canning, making a strikingly handsome product, far superior to that obtained from any other variety. Its small top, early maturing and splendid shape and color have made it a favorite. Top small, upright growing, so that the rows may be close together; leaf stem and veins dark red, blade green; root globular and very smooth; color of skin dark blood red; flesh deep bright red, zoned with a darker shade, very crisp, tender and sweet, remaining so for a long time. Very uniform in shape, color and quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

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

**Early Eclipse**—One of the best of the 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.

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

## Stock and Sugar Beets

Prices of all Stock and Sugar Beets; Pkt., 5c; ¼ lb., 15c; lb., 40c; 5 lbs., \$1.75.

Sugar Beets, as well as Mangels, are most valuable for stock feeding. There is no better paying root crop than either. They keep well, and as a change of food, are excellent. Eight pounds will sow one acre.

**Long Red Mangel**—A large variety grown to stock feeding. It stands up well above the surface, color light red; flesh white and rose colored.

**Golden Tankard**—Shape cylindrical, color deep rich yellow, flesh yellow circled with white. Unequaled for feeding stock. One of the best varieties known.

**Vilmorin's Improved Sugar**—In general the

most desirable beet for the factory is the one containing the largest percentage of sugar. In this variety we have one of the richest beets in cultivation; not only that, but it will do better on new lands, and will keep the best of any. In size it is medium or little below, yielding from ten to sixteen tons per acre, and containing from 16 to 18 percent of sugar.



# R. & C'S QUALITY CABBAGE SEED

Cabbage requires deep rich mellow soil, and good culture to obtain firm, solid heads. For early use, sow seeds of the early kinds, in the hot beds or in a box in the house, the last of January or early in February; transplant into open ground in April. For second early cabbage, sow in April and transplant in May. One ounce of seed produces about 2500 plants.

## REDING & CLARK'S EARLY WONDER CABBAGE

THE GREATEST OF ALL EARLY POINTED HEAD VARIETIES

**EARLY WONDER CABBAGE**—Will produce double the crop of any other early variety. It is very early and large, always extremely solid and fine ribbed, more so than any other kind. Once known, it will hold its own with the market gardeners and home growers alike. In our judgment it excels in flavor all varieties known to us. It is exceedingly tender, fine grained and as a cropper no early Cabbage will approach it. Early Wonder Cabbage is more solid and better flavored and keeps in fine condition. It is very dwarf and compact allowing of close planting. Heads fine, pointed-shaped, and with few outside leaves, size ideal for marketing. It is entirely uniform, every plant producing a good head. An extra good cropper on account of extra size over many other first early sorts. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; lb., \$2.50.



### REDING & CLARK'S EARLY WONDER

By reason of its compactness, 1000 more heads can be obtained from an acre than of many other good sized varieties. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

**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. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

### COPENHAGEN MARKET CABBAGE

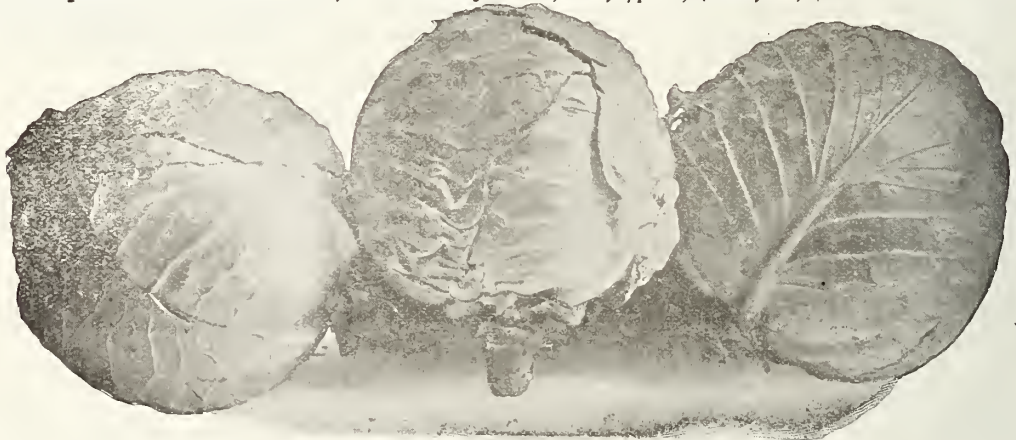
The earliest large round-headed cabbage yet introduced. The heads are of exceptionally large size for so early a variety. The plant is of vigorous habit but compact, with short stem and few outer leaves which are of rather upright growth. The leaves are medium light green, nearly round, comparatively thick and smooth. The heads are round, very solid and of exceptionally good quality. Its earliness, compact growth evenness of maturing, uniformity and size of head, firmness and most excellent quality combine to make Copenhagen Market one of the most valuable cabbage of recent introduction. We recommend it unreservedly both for the home garden and the market gardening trade. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00; lb., \$3.75.

**Early Jersey Wakefield**—Many market gardeners consider this the very best Early Cabbage in cultivation. Certainly deserving of its great popularity. Its merits are many, among which are large heads for an early sort, small outside foliage and uniformity of crop. Pyramidal in shape, having a blunted or rounded peak; very solid, fine texture and sweet. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$2.00.

**Large Charleston Wakefield**—A selection from Early Jersey Wakefield, only it is about one week later than that popular early variety and grows much larger, heads often average 8 to 10 lbs. As solid as Early Winningstadt. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$2.00.

**Early Winningstadt (The Old Standby)**—Well known and popular Cabbage. In season very close to Early Jersey Wakefield. Heads large, decidedly conical. Solid, even in summer; almost worm-proof, because so hard. A very sure header. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

**All-Head, a grand early cabbage**—A thoroughbred sort of remarkably uniform size and shape and sure heading qualities. Deep, flat heads, solid and uniform in color, shape and size. In tenderness unsurpassed. For winter use, sow in July.



COPENHAGEN MARKET



# MEDIUM AND LATE CABBAGE

**Danish Ball-Head or Hollander**—Hard as a rock—heavy as lead This splendid variety is well known for its remarkable solidity and grand keeping qualities. So great has been the demand among the users of Cabbage for this fine grained sort as to render its importation from Denmark a most profitable enterprise for the vegetable dealer. The heads are very heavy and superb in quality. The extra weight, in limited space, will be appreciated by those who grow for distant markets, ship in car loads and sell by weight. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 70c; lb., \$2.50.

**Sure Head**—A popular strain of the Flat Dutch type Heads are large, round, flat on top, very hard and fine in texture. Aply named, it is always a "sure header." Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

**Premium Late Flat Dutch**—The standard variety; a sure header and a good keeper Many gardeners depend entirely upon this variety for their winter cabbage. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

**Large Late Drumhead**—A good standard winter variety largely grown for main crop. Large solid heads, always reliable as a header; of good quality. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

**Mammoth Rock Red**—The largest and surest heading red cabbage. Plant large, with numerous spreading leaves; stem of medium length. The head is large, round very solid and of very attractive deep red color. Pkt., 5c; oz., 20c; ¼ lb., 70c; lb., \$2.40.

**All Season**—One of the best of this class. Ready for market only a few days later than Early Summer, but it grows much larger The heads are firm, solid, and of good flavor. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

**Early Flat Dutch**—Belongs to the second early class and produces large, solid heads of uniform shape and handsome appearance; when fully developed they frequently weigh 12 to 15 pounds each The heads are fine graind and dainty flavor. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

## THE VOLGA

"This variety is of the greatest uniformity. In a field of several acres frequently not a single plant shows any variation from a true and valuable type. In some respects it is a vegetable wonder as the heads are about equal in size and shape weighing from 12 to 15 pounds each, round as a ball, the largest measuring about 12 inches in diameter either way. Unlike most varieties, the heads are perfectly solid, and the stem does not run up into the head: The flesh is exceedingly firm, tender and white. In respect to hardiness, we have never seen a type which would favorably compare." This type will mature its heads fully two weeks earlier than any of our late growing kinds. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.



## DANISH BALL HEAD COLLARDS

A plant of the Cabbage family It is well adapted to the South, enduring extreme heat; excellent for greens.

True Southern, or Georgia—Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

## BORECOLE OR KALE

Kale or German Greens, do not form heads, but furnish an abundance of pretty curled leaves that are highly prized as food. Sow from the middle of April to the beginning of May, transplant and cultivate like Cabbage. Will endure considerable frost without injury. One ounce of seed sows 200 feet of drill. 4 pounds sows an acre.

Dwarf German Green—Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color. Quite hardy. Pkt., 5c; oz., 10c; ¼ lb., 20c.

## BRUSSELS 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 first of April, in a seed bed, and the plants afterwards set in rows 2 feet or more apart and cultivated like Cabbage. It is ready for use late in autumn after the early frosts.

Improved Dwarf—Produces compact sprouts of the finest quality; a good keeper. Pkt., 5c; oz., 10c; ¼ lb., 20c.

## Celerac (or Turnip-Rooted Celery)

Sow seed the same way as for Celery. Transplant into rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots. Earthing up is not necessary. The roots may be cooked or used as salad.

Giant Smooth Prague—A large and smooth variety. And too they are an excellent keeper. Pkt., 5c; oz., 20c; ¼ lb., 50c.

Mr. N. T. Hoffman, Anderson, Mo., writes: (March 9th, 1914), I have used your seeds for Five years and they always give satisfaction.

## CELERY

Seed should be sown in April in a hotbed or in flat boxes, filled with clean, mellow loam. Sow broadcast or in rows and cover with about one-eighth inch of fine soil or sand, pressing it down firmly. Keep the soil moist constantly. When plants are fairly out of seed leaf transplant into another bed or boxes, or thin out to 2 or 3 inches apart. Plant into the open ground by end of May or beginning of June. 1 ounce will sow 300 feet of drill.

**GOLDEN SELF-BLANCHING**—The stalks are much broader and heavier than those of the white varieties and greatly superior in quality. It is ready for use nearly as early as any other sort and produces dwarfier and much larger bunches with broad heavy stalks which blanch into a deeper golden yellow color than the other varieties. The color is very handsome stalks are crisp, tender and free from stringiness. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 60c; lb., \$2.

**Giant Paschal**—Giant size, also very hardy, often standing freezes which completely kill other varieties. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.60.

**White Plume**—One of the most desirable varieties for either home or market use. It self-blanches beautifully, the stalks are crisp, succulent and of delicious flavor, and no variety makes as handsome an appearance on the table. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.60.



GOLDEN SELF-BLANCHING

## Cauliflower



EARLY SNOWBALL CAULIFLOWER

Cauliflowers delight in a rich moist soil and in dry seasons should be abundantly watered, especially when heading. Sow the seed early in the hotbed and transplant 2 to 3 inches apart in boxes or in another hotbed until such time as they are safe to be planted in the open ground, which in this latitude is usually the 1st of April.

**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. Pkt., 10c;  $\frac{1}{4}$  oz., 75c;  $\frac{1}{2}$  oz., \$1.10; oz., \$2.00.

**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;  $\frac{1}{2}$  oz., \$1.10; oz., \$2.00.



# SWEET OR SUGAR CORN

## REDING & CLARK'S SWEETHEART SUGAR CORN

**Absolutely the Whitest and Sweetest Main Crop Sugar Corn**

Introduced by us in 1911, and certainly has proved a wonderful variety. The ears are large, measuring 8 to 9 inches long, thick through, with ten or more rows of plump and purest white kernels, that are of most deliciously sweet flavor. Stalks average 6 feet tall, broad leaved and very strong growing. Sweetheart sugar corn is not an extra early, but a medium early main crop variety. It has been our experience that most of the extra earlies are not worth having when grown, as the ears are very small and shallow grained. We especially recommend this new corn for your home garden, and know positively that you will be more than pleased with the results. Market gardeners give the new variety a trial it is sure to please you. Pkt., 10c; pt., 15c; qt., 30c; gal., 80c; pk., \$1.50; bu., \$5.50.

**Stowell's Evergreen**—This standard main crop variety excels all other late sorts in sweetness and productiveness. It is more popular than any other for canning, for marketing and for the home garden. Great care has to be exercised in the selection of stock to grow seed from, as this variety has a tendency to deterioration and a shorter grain, which makes it less sugary and desirable. Pkt., 8c; pt., 15c; qt., 25c; gal., 50c; pk., 90c; bu., \$3.50.

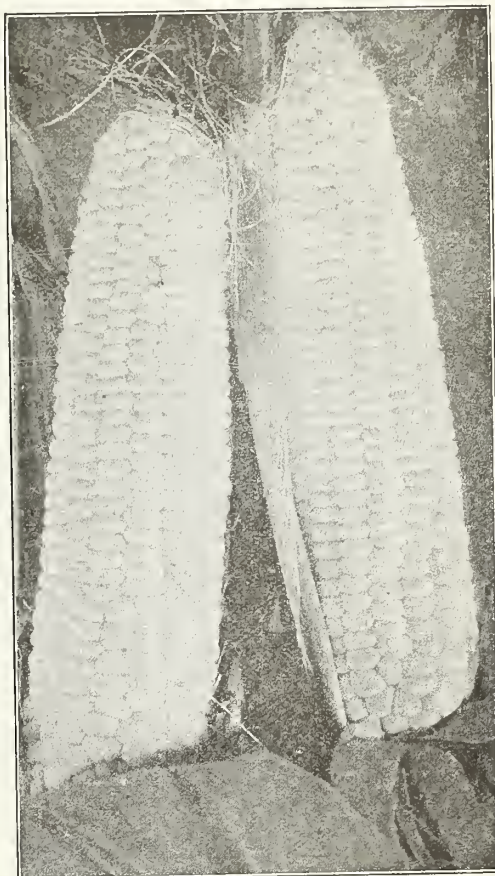
**White Mexican**—An early variety; usually fit to use in sixty days from time of planting. It is not only very early but is one of the sweetest and best. This variety combines all the good qualities of the later sorts, is much hardier, and may be planted some days earlier without danger of rotting. It is a vigorous grower, stalks about 5 feet high. Pkt., 8c; pt., 15c; qt., 25c; gal., 60c; pk., \$1.00; bu., \$3.75.

**White Evergreen**—This is a high-bred pure-white type of the ever-popular Stonewell's Evergreen. From one pure white-grained ear, accidentally discovered some years ago, it has developed by careful selection. Stalks very vigorous, 6 to 7 feet high. The ears are uniformly very large and well filled. When in the green state both cob and kernal are white as snow. Pkt., 8c; pt., 15c; qt., 25c; gal., 60c; pk., \$1.00; bu., \$3.50.

**Black Mexican**—This corn when in condition for the table, cooks remarkably white; but the ripe grain is black or bluish-black. It is surpassed by none in tenderness. For family use it is considered by many the most desirable of the medium late sorts. It does especially well for second early in the South. Pkt., 8c; pt., 15c; qt., 25c; gal., 60c; pk., \$1.00; bu., \$3.50.

**Extra Early Adams**—Very early and used extensively for a first early table corn in the south. Stalks about four feet high, with small tassel, very few leaves, and without suckers. Ears short, very full, twelve or fourteen rowed, often nearly as thick as they are long, well covered with coarse husks; kernals white, smooth. An extremely hardy variety which can be grown closer together than most sorts. Pkt., 8c; pt., 15c; qt., 25c; gal., 40c; pk., 70c; bu. \$2.25.

**Golden Bantam Sweet Corn**—A very early sweet corn with golden yellow grain, very tender and of excellent quality. The ears are six to seven inches long and of the medium size found most suitable for the table. The flavor is exceptionally rich and delicious. Our stock has been very carefully selected. Height about four feet. Pkt., 8c; pt., 15c; qt., 25c; gal., 60c; pk., \$1.00; bu., \$3.50.



REDING & CLARK'S SWEETHEART

**Mammoth Sugar**—A large late variety having ears of mammoth size, 14 to 20 rows. Quality excellent, not exceeded by any variety. A good canner's variety, being white grained and very uniform. A week later than Stowell's Evergreen. Pkt., 10c; pt., 15c; qt., 25c; gal., 60c; pk., \$1.00; bu., \$3.50.

**Early Minnesota**—This deservedly popular variety is one of the best second early sorts for the market and the home garden. The stalks are about six feet high bearing one or two ears well covered with husks. The ears are about eight inches long, eight rowed; kernels very broad, sweet and tender, not shrinking much in drying. By careful selection we have developed a stock of this standard variety which is remarkably uniform and in which all the good qualities that have made this sort so desirable are intensified. Pkt., 8c; pt., 15c; qt., 25c; gal., 60c; pk., \$1.00; bu., \$3.50.

**Early Evergreen**—This variety resembles the Stowell's Evergreen, but is ready for use much earlier, and remains in good condition equally as long. The ears grow to a good size, usually about 7 inches long, and contain from 16 to 18 rows of deep sweet grains. Pkt., 8c; pt., 15c; qt., 25c; gal. 50c; pk., 90c; bu., \$3.25.

## Other Good Varieties Sweet Corn

Prices include postage on packets, pints and quarts.

**DON'T PLANT SWEET CORN DEEP.** Sweet Corn should not be planted over one inch deep; most people plant two or three inches deep, most sure to rot. Also do not plant too early. Not as early as field corn.

### REDING & CLARK'S EARLY SUGAR QUEEN

In this new variety of Early Sugar Corn you will find the **Purest Ivory White Color, Sweetest Flavor** combined with medium large size ears and earlier than any early Sugar Corn you have ever grown. Early Sugar Queen matures in about 55 days from planting. The ears are set well up the stalk, from 30 to 34 inches above the base of plant. Early Sugar Queen is the sweetest Early Sugar Corn you can possibly grow. The color is a pure ivory white, and the ears contain from 10 to 12 rows of grains each. Ears are perfect shape and filled well, clear to the end. We give this grand new variety our strongest endorsement and particularly recommend it for home and market gardens. Price, Pkt., 10c; pt., 15c; qt., 25c; gal. 85c; pk., \$1.50; bu., \$5.00.

**Early Adams**—An excellent early field variety and often used for table, particularly in the south. Ears about eight inches long, twelve or fourteen rowed; kernals white, rounded somewhat deeper than broad and indented at the outer end which is whiter and less transparent than the inner. Stalks about six feet high. Pkt., 8c; pt., 15c; qt., 25c; gal., 40c; pk., 70c; bu., \$2.25.

**Country Gentleman**—This variety has a small white cob, densely covered with irregular rows of very long slender, white grains of excellent quality. Ears seven to nine inches long; stalks from six and one-half to seven feet high. Well adapted for canning as well as the home garden and market and by many it is regarded as the best of the late varieties. Pkt., 10c; pt., 15c; qt., 30c; gal., 60c; pk., \$1.00 ;bu., \$3.75.

## Table Carrots

**Danver's Half Long**—A rich orange red variety very smooth and handsome, producing very large crops. It is an excellent market variety. Tops are of medium size and coarsely divided. Roots taper to a blunt point. Flesh is sweet, crisp and tender. Will produce more to the acre than the larger field varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

**Long Orange**—An improved and pure strain, producing roots of the largest size and superior

quality Color a deep orange, fleshy, very tender. One of the best varieties for home garden or market. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

**Chantenay**—Very productive, medium early and of excellent quality Tops medium sized, necks small. Roots thick, five and one-half to six inches in length, uniformly half or stump rooted, but tapering slightly, smooth, deep orange-red in color. Flesh very crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

\$

1

Postpaid

## Our Great Special One Dollar Collection of Quality Vegetable Seeds

32 Full-sized packets for only One Dollar

\$

1

Postpaid

Please do not ask us for any discount in connection with an order for this collection. Also we cannot allow any changes from varieties as printed.

Beans—Red Valentine.  
Beans—Golden Wax.  
Beet—Detroit Dark Red.  
Beet—Swiss Cleard.  
Cabbage—Early Wonder  
Cabbage—Late Flat Dutch.  
Carrot—Long Orange.  
Celery—White Plume.  
Cucumber—Superior Dark Green.  
Sweet Corn—Early Sugar Queen.  
Sweet Corn—Evergreen.  
Lettuce—Big Boston.  
Lettuce—Grand Rapids.  
Water Melon—Bradford.  
Musk Melon—Rust Resistant.  
Musk Melon—Tip Top.

Onion—Silver King.  
Onion—Red Globe.  
Pepper—Ruby King.  
Parsnip—Hollow Crown.  
Parsley—Moss Curled.  
Peas—Laxtonian.  
Peas—Extra Early Alaska.  
Radish—Crimson Giant.  
Radish—White Icicle.  
Squash—Summer Crookneck.  
Pumpkin—Potiron.  
Tomato—Coreless.  
Tomato—Earliana.  
Mustard—Ostrich Plume.  
Turnip—Early Purple Top Milan.  
Spinach—Bloomsdale.

Free with each order for the above collection we will include One Ounce of our Famous Rainbow Sweet Peas.



# Reding & Clark's Quality Cucumber Seed

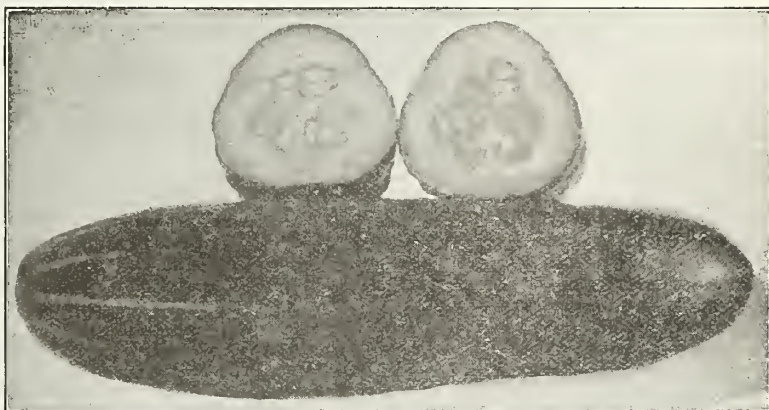
Carefully Selected Strains, True to Name and the Very Best for Table and Pickling

Prices of all cucumbers listed except where noted. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c; Postage Paid.

**Culture**—Do not plant cucumbers before danger of frost has passed as the plants are very tender and the least frost will damage or kill them. Plant in hills or rows four feet apart, 10 to 15 seeds to each hill, make soil very rich. For pickles plant from June 1st to middle of July.

## REDING & CLARK'S SUPERIOR DARK GREEN The Perfect Ideal Dark Green Cucumber

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. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.



### SUPERIOR DARK GREEN

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

**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.

**Small Gherkin**—(For Pickles) A very small oval, prickly fruited sort quite distinct from all others and grown exclusively for pickles. It is the smallest of all the varieties and should always be picked when young and tender. Seed distinctly smaller than other cucumbers and is slow to germinate, requiring usually from two to three weeks. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

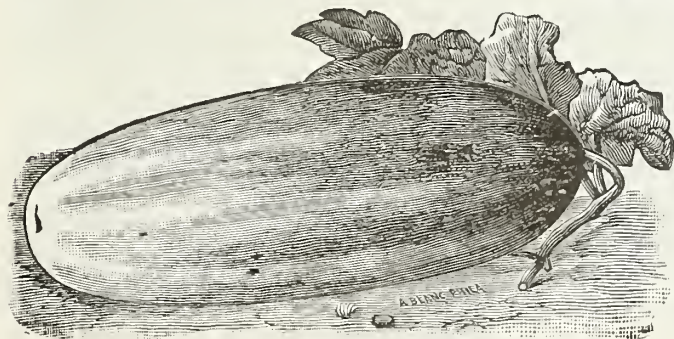
**Everbearing**—Wonderfully prolific. Bears continually the entire season. Blossoms and cucumbers at all stages of growth are found on the same vine. If the fruits are gathered as they become fit for use the vines will go right ahead blooming and bearing all season. It is one of the earliest sorts and is a heavy cropper. The cucumbers will average about five inches in length, and are of good form and color. An excellent sort for small pickles. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

**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.

**IMPROVED LONG GREEN**—Vines very vigorous and productive. The fruits are very long, slender and of uniformly dark green color. Furnishes some fruits early but matures the bulk of its crop rather late. Excellent for slicing and very largely used for pickles. We offer a carefully selected strain uniformly long, of good form and with the large warts and spines well distributed over the surface instead of being clustered at one end as in inferior stocks.

**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; ¼ lb., 35c; lb., 90c.

**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.



EARLY WHITE SPINE



# QUALITY LETTUCE

All varieties of Lettuce except where noted, Pkt. 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 85c; postage paid

One ounce of Seed sows 100 square feet, plants 120 feet of row, produces 3000 plants.

## BIG BOSTON LETTUCE

A Grand Large Head or Cabbage Lettuce For early summer or fall use. Big, Tender, and Crisp

**Crisp, Creamy White Heads**—The king of all large head lettuces. A most desirable variety, either for forcing in cold frames or open ground planting. The Big Boston is sure to be wanted by market gardeners and trucksters because it always produces large, solid, salable heads, and will commend itself to amateurs because it heads up well, at all seasons of the year, and is of crisp, tender quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

**MAY KING**—The new early head lettuce Plant this lettuce for the first early head lettuce. It is equally good for outdoor planting or forcing. The outer leaves have a slightly brownish tinge, while the heart is a beautiful yellow, very crisp and tender, for substance and for quality melts in the mouth like butter. Its growth is extremely rapid and its fine large heads are ready in advance of any other heading variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

**Improved Hanson**—One of the best for growing during the hot summer months, as it will stand heat and dry weather to perfection. The large, solid heads weigh sometimes two or three pounds. They are of light green color outside and white within, tender, crisp and fine flavor.



### BIG BOSTON

**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 light yellowish green.

**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.

**GRAND RAPIDS**—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. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., 90c.

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

**Prizehead**— We 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.



GRAND RAPIDS



# Miscellaneous Vegetables of Merit

## MUSTARD

### Ostrich Plume

An improved strain of the Southern Giant Curled, but immensely superior to this sort both in appearance and delicate flavor. The leaves are finely cut and densely curled resembling wavy ostrich plumes. Of very quick growth and mild flavor. The finest mustard in existence, pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

White or Yellow London—Tender and mild, pkt.

5c; oz., 10c; 1/4 lb., 20c; lb., 40c.

### Giant Southern Curled

This variety is a great favorite in the South for garnishing. Grows about 2 feet in height with very dark large green leaves, the edges of which are finely curled. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 50c.

Black or Brown—Old standard variety. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 40c.

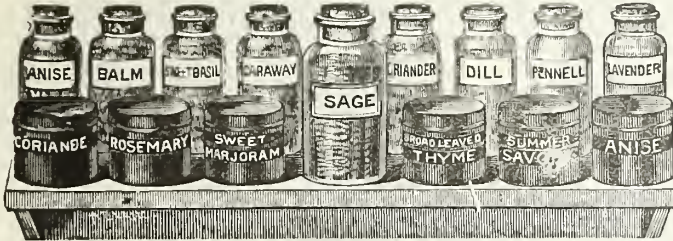
### HERBS

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 purpose

### ENDIVE

One of the best salads for fall or winter.

Green Curled—Ornamental curled leaves of dark green which blanch white and crisp. Pkt., 5c; oz., 10c; 1/4 lb., 35c.



- |                     |                      |                    |
|---------------------|----------------------|--------------------|
| 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  |

All varieties marked with (\*) are perennial.

### KOHL RABI

Earliest White Vienna—Greenish white outside with clear white flesh within. Smooth, short leaf, good for forcing; fine quality, pkt., 5c; oz., 10c; 1/4 lb., 25c;.

Earliest Purple Vienna—Same in every respect as to the earliest White Vienna, except in and outside color. Pkt., 5c; oz., 10c; 1/4 lb., 25c.



KOHL RABI

### 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.

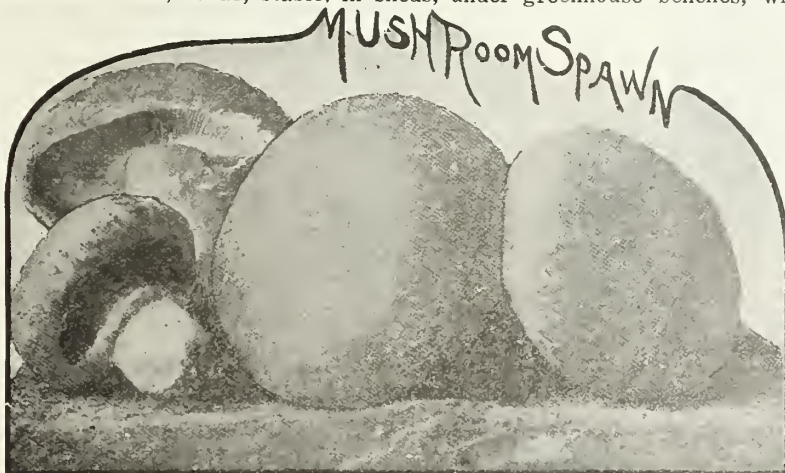
Improved New York Spineless—The standard variety everywhere. The eggs come early, are of large size, regular oval shape and a fine deep purple in color. Pkt., 5c; oz., 25c; 1/4 lb., 90c.



SPINELESS

## AMERICAN PURE CULTURE SPAWN

**MUSHROOM SPAWN**—This most delicious esculent, considered by most people a luxury, is more easily cultivated than imagined. Mushrooms may be grown in a great variety of situations—a dark room, cellar, stable, in sheds, under greenhouse benches, where the temperature can be maintained at fifty to sixty-five degrees.



Produced by a new method from virgin spores Pure Culture Spawn is far superior to spawn that is imported; and when once used no other is wanted. The results show it is by far the cheaper. A brick weighs 1 1-3 pounds, and is sufficient for a bed 2x4 feet. We receive fresh spawn every few weeks direct from the best makers. Culture directions free with every order. One brick 35c; 3 bricks \$1.00, postpaid. Not prepaid; 1 brick 25c; 3 bricks 65c; 10 bricks \$2.00. Special prices on larger quantities.



# QUALITY MUSKMELONS

All Musk Melons except where noted. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; 2 lbs \$1.40, postpaid

## REDING & CLARK'S CHAMPION MARKET

A handsome green fleshed melon. Sweet as sugar and uniform in shape. Our sales of this great melon during 1914 were more than double any former year, and it has upheld its reputation as being one of the best all-round green fleshed melons.

Champion Market is the sweetest and most luscious green-fleshed Cantaloupe now on the market. It is of that desirable size in demand in all markets; round, inclined to oval in shape, heavy in proportion to size because the flesh is so deep. Distinctly ribbed and thickly netted; color of skin grey-green. Because of its firm flesh and solidity, we believe it will make a splendid shipper. The flesh is an attractive green of exquisite texture, sugary, juicy, tender and entirely free from any stringiness. It has a delightfully rich aromatic flavor. The vines are of luxuriant and vigorous growth, yielding bountifully. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 2 lbs., \$1.75.

Rocky Ford, Selected Seed—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 strain, 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.

Burrell Gem Cantaloupe—This is decidedly a very superior variety of Muskmelon. For the planter for home use or for the market gardener we cannot recommend it too highly. It has a tough, thin rind, well arched ribs, covered with a closely laced and interlaced gray netting, shape quite elongated, and the blossom end is protected with a well developed button. Meat of a reddish orange, very thick, fine grained and spicy. Seed cavity small and triangular. Average weight about 2¼ lbs, length 6 inches and thickness 4½ inches. The largest dealers in the North and East speak of this melon as the best seller and most profitable melon on the market today. The seed we offer is selected stock of the originator's growing. Prices: Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

Banana—Attains a length of from 18 to 24 inches; from 2 to 4 inches thick. Flesh very thick, of salmon color. It looks almost like an overgrown banana and smells like one hence its name.



### REDING & CLARK'S CHAMPION MARKET

Has a peculiar flavor, differing from ordinary musk mellons, and by some is considered superior.

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.

#### TIP TOP

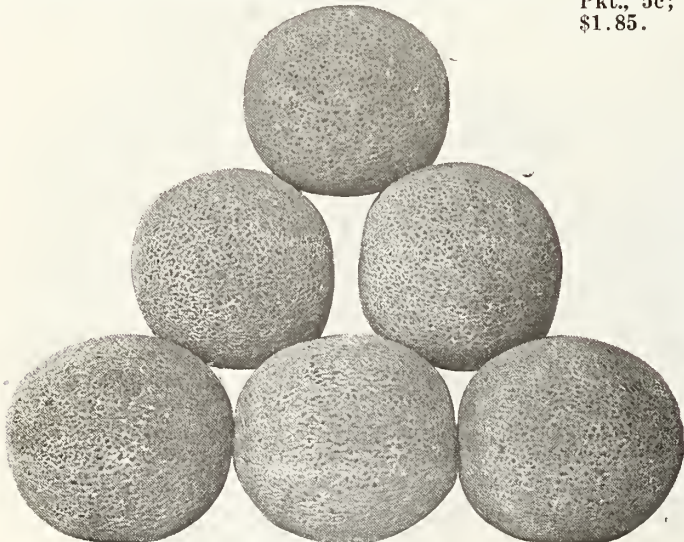
Tip Top—The testimony of all who have used Tip Top is that every melon produced whether big or little, early or late, is a good one—sweet juicy finest flavor, firm (but not hard) fleshed, and eatable to the outside coating, its appearance on the market is very attractive—sells on sight. Customers soon learn to pick them out and will have no other variety. Fruit of large size, and flesh attractive bright salmon in color; nearly round, evenly ribbed, moderately netted, very productive. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00, 2 lbs., \$1.85.

### Rust Resistant Rocky Ford

See Illustration

Without doubt this is the finest strain of the Rocky Ford Cantaloupe on the market today. Its great Rust Resistant Qualities makes it head and shoulders above all the common strains, as a money maker for the market, as well as being highly desirable for your home garden. In appearance it is like the popular Rocky Ford, but the fruits are ready from a week to ten days earlier. The vines are very strong and vigorous, much more prolific and the melons are slightly larger than the common Rocky Ford.

The fruits are deeply netted and have but a very small seed cavity. The meat is very thick and of the finest flavor. Aromatic and Melting. Our strain of seed of this variety is the very finest. Price, pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



RUST RESISTANT ROCKY FORD



# R. & C.'S QUALITY WATERMELONS

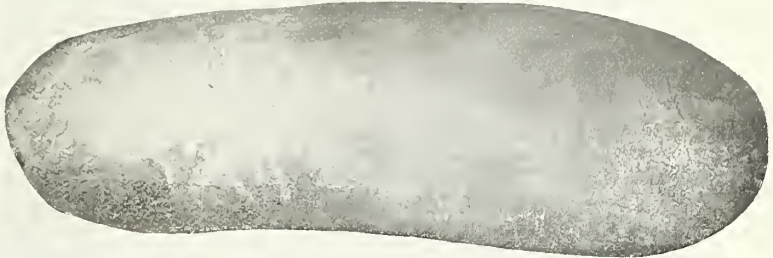
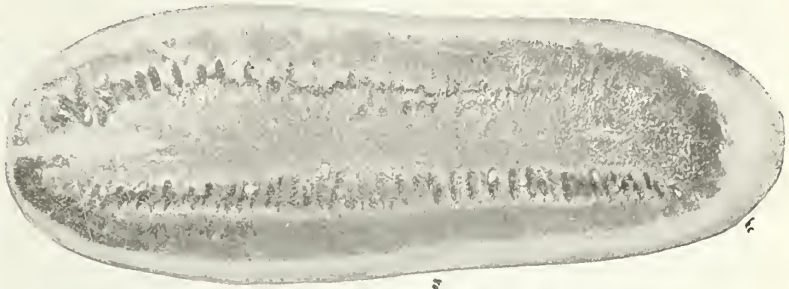
## R. & C.'S Delicious

A Grand New Watermelon that will be a revelation to you, in its solid, crisp, delicious flavor.

We have received a world of praise from pleased customers for R. & C.'s Delicious Watermelon.

**Description**—Delicious Watermelons are oblong in shape often measuring thirty inches in length, color is light green, with a dark green netting enveloping the entire melon. The flesh is the finest, rich, crimson color and as solid, crisp, and delicious as you ever saw. Delicious melons have very few seeds, which are of a cream color with a darker border. R. & C.'s Delicious Watermelon will certainly please you Price Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50 2 lbs., \$2.75 postpaid.

Branson, Mo., Sept., 1914—Your Delicious watermelon is the finest melon I ever grew.—J. W. Cashow.



**CHILEAN WATERMELON**—The Chilean Watermelon is different in many marketable degrees. It is smaller than the usual oblong melon and almost globular in shape, and only about 12 inches in diameter either direction. The variety is wonderfully prolific and bears more early ripening melons than perhaps any other variety grown. The flesh when the melon is cut is firm, never mealy, granular or stringy, and of a brilliant deep blood-red color, right up to the thin rind. The appearance of this little, dark, round melon when cut always attracts attention on account of the deep rich, dazzling color. It is delicious. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

**ANGEL KISS WATERMELON**—One of the earliest and best tasting melons in existence. Flesh of the deepest indescribable crimson, delightfully sweet and refreshing. It grows from medium to very large, very long in shape and nearly white in color, handsome and attractive. The flesh is sweet, tender and very deep crimson. The vines are robust and strong-growing. They should be planted fully 12 feet apart each way, often setting fruit before runners are a yard long,

## REDING & CLARK'S DELICIOUS

and so prolific that you can almost walk across the patch on the melons. One distinct feature of this melon is that the flesh is a good deep red by the time the seeds are formed in it, often before the melon is really half grown. Seeds are very small and very few in the melon. Melons range in size from 25 to 30 pounds. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

**GOLDEN HONEY**—A beautiful, golden-flesh melon, one of the finest we have ever tasted. The flesh is a beautiful glistening amber shade of yellow, very tender, and has a most delicious flavor. It is medium early, of uniform large size and oblong shape, and has a very handsome appearance. The color of the rind is light green, with mottled stripes. Some people are more or less prejudiced against the yellow-fleshed melon, but this prejudice will quickly disappear once you taste the Golden Honey. This melon has no hard core or stringy sections. The rind is thick and the seeds are large and white, some of them having a small black tip. Pkt., 5c; oz., 10c; ¼ lb 25c; lb., 90c.

**BRADFORD**—Bradford is a melon for all sections, equally valuable for the northern or southern states. The vines are strong and healthy, producing a large number of attractively shaped melons. The color is dark green with darker stripes. The flesh is of fine flavor and contains no stringy substance. Although the rind is thin it is a desirable shipping melon, a good keeper, remains in the condition a long time after picking. Bradford Melons are large, and heavy weighing 35 to 50 pounds. Flesh a deep scarlet, firm, solid and of the richest flavor imaginable. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, post paid.

**TOM WATSON**—is an extra long melon of attractive appearance, uniform in shape and quality. The luscious crimson flesh is "as sweet as honey" melting and of superb flavor. The average melon will weigh 35 to 40 lbs., and measures about 28 inches long and about 12 in diameter. It is very prolific, producing in greatest abundance the large delicious fruits. Sure to take a leading place with large melon growers and shippers. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 2 lbs., \$1.60, postpaid.



## WATERMELONS (CONTINUED)

**Halbert Honey**—Greatly resembles Kleckley Sweets, but is of a darker color and more even and regular in shape. Can not be shipped great distances, as the rind is very brittle but is fine for home markets and family use. It grows from 15 to 30 inches long is dark green, slightly ridged and blunt at the blossom, and stem ends. The meat is sweet as honey, melting and leaves no trace of pulp. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c; 2 lbs., \$1.20.

**Sweetheart**—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. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 50c; 2 lbs., 90c.

**Kleckley Sweets**—Of superb, luscious flavor, very desirable to plant for home use or local markets. The melons are oblong in form, with dark green skin, thin rind, which is very brittle. Flesh bright scarlet, with solid heart, deliciously crisp, sugary and splendid in every way. The melons average 18 to 20 inches in length by 10 to 12 inches in diameter; of handsome appearance; ripens early. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c; 2 lbs., \$1.20.

We also carry the following good varieties of melon at the uniform price of, Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 45c. Larger quantities at 40c per pound. Black Diamond, Georgia Rattlesnakes, Long Dixie, Gray Monarch, Dark Going, and Preserving Citron.

## R. & C.'S QUALITY ONION SEED

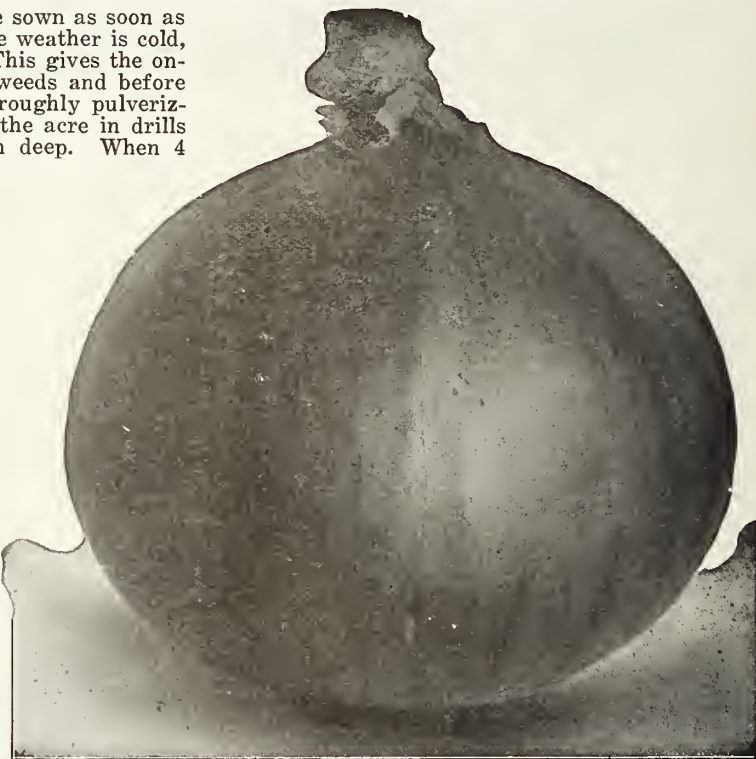
Superior in Quality and as Cheap as Good Seed Can Be Sold.

**Culture.**—Onion seed should be sown as soon as possible in the spring, even if the weather is cold, just so the soil works up well. This gives the onion a good start and ahead of weeds and before dry weather sets in. After thoroughly pulverizing the soil, sow 4 to 5 lbs. to the acre in drills 1 foot apart and about ¼ inch deep. When 4 inches high, thin out to stand 3 to 4 inches apart in the rows, keeping them well hoed and free from weeds. Onions delight in rich, deep sandy loam and succeed well if grown for a succession of years on the same ground. Deep plowing prevents blight.

**SOUTHPORT RED GLOBE**—The handsomest of all red onions, large, solid and of perfect shape. Red Globe is the latest of the Southport Onions, ripening from a week to ten days after the yellows. The bulbs are remarkably uniform in shape, of a rich red color, ripens evenly and yield the largest percentage of marketable onions. They ripen down hard and solid, keep well, and their beautiful appearance insures a ready market. Our strain of Red Globe is absolutely unsurpassed producing uniformly, handsome, thin-necked, hard, richly-colored bulbs. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**Large Red Wethersfield**—For general purposes the country over, no red variety is more largely grown. The largest, most uniform and heaviest yielder, and one of the best keeping of all the red onions. This is a standard red variety. Large size; skin deep purplish-red; form round, somewhat flattened; flesh purplish-white. One of the best keepers. Yields enormous crops. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.35.

**MAMMOTH PRIZE-TAKER**—There is the large beautiful spanish variety, so often seen in markets of the larger cities. This is the large beautiful variety so often seen in the fruit stores 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



**SOUTHPORT RED GLOBE**

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. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

**Mammoth 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. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

**Silver Skin or White Portugal**—An early white flat onion Fine for using as green onions or as a winter variety. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.



**ONIONS (CONTINUED)**

Five pounds your selection of one or more varieties of Onion Seed postpaid at 10c per pound less than above prices.



**SELECT DANVERS YELLOW GLOBE**

Of large size, an early and abundant cropper, very thick bulb, flat or slightly convex bottom,

**Selected Onion Sets**

Red Bottom Onion Sets—By mail qt., 20c, postpaid, express or freight, qt., 10c; gal., 35c; bu., \$1.90.

White Bottom Onion Sets—By mail qt., 20c, postpaid, express or freight, qt., 10c; gal., 35c; bu., \$2.00.

Yellow Bottom Onion Sets—By mail, qt., 20c; post paid, express or freight, qt., 10c; gal., 35c; bu., \$1.85.

Top Onion Sets—By mail, qt., 35c; post paid; express or freight, qt., 15c; gal., 55c; bu., \$3.00.

Prices are subject to market fluctuations. Bottom sets are sold basis 32 lbs. to bushel.

full oval top with a small neck and rich brownish yellow skin. We consider our strain of Globe Danvers just right for critical growers. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

**FINE PEPPERS**

Sow early in hotbeds or boxes or in open ground late in Spring, when 4 inches high transplant in rows 24 inches apart and 20 inches apart in rows

**CHINESE GIANT**

Without doubt one of the very best and largest Mango Peppers that was ever introduced. Its mammoth size, splendid shape, beautiful, rich, glossy flesh and mild flavor all lead us to speak of it in words of commendation. Very popular with all Its strong bushy plants, which are literally loaded with the splendid large fruits, begin bearing quite early and continue throughout the season. Has few seeds; hence the genuine is necessarily high in price. Pkt., 10c; oz., 25c; ¼ lb., 90c.

Ruby King—Wonderful yielder. Peppers 3 to 4 inches in diameter, of mild flavor, very desirable for mangoes. Pkt., 5c; oz., 25c; ¼ lb., 65c.

Cayenne—Very hot, long and slim, good for seasoning. Pkt., 5c; oz., 20c; ¼ lb., 50c.

Cherry—Round, small, good bearer. Fine for fancy pickles. Pkt., 5c; oz., 20c; ¼ lb., 50c.

Large Bell or Bull Nose—A very large sort of inverted bell shape, suitable for filling or for a mixed pickle. Flesh thick, hard and less pungent than most other sorts. Pkt., 5c; oz., 20c; ¼ lb., 50c.



**RUBY KING**

as a substitute for lettuce, and also cooked and used like spinach. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 75c; postpaid.

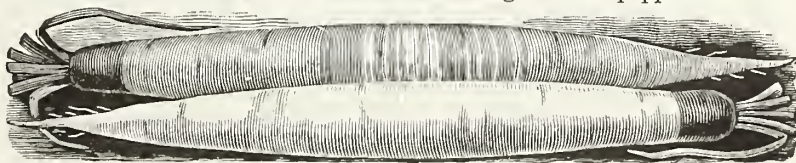
**CORN SALAD**

Sow in spring, in drills one foot apart. It will mature in six weeks. For early spring use, sow in September and winter over like spinach. One ounce will sow about 18 square feet.

Broad-Leaved—(Large Seeded). A delicious salad, used during the winter and spring months

**SALSIFY OR OYSTER PLANT**

When cooking, boil the roots; when cold, mash and fry as patties or fritters. This vegetable is also good stewed, plain boiled, and also as a salad, sliced raw in vinegar with pepper and salt. Succeeds best, perhaps in light, well-enriched soil. Sow early in drills 18 inches apart in the drills. One oz. of seed will sow fifty feet of drill.



Mammoth Sandwich Island—Grows very large resembling good sized parsnips; well flavored, mild. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**SALSIFY SANDWICH ISLAND**



## R. & C.'S Northern Grown Garden Peas

Experience has proven, that for best results in the middle west, the Northern Grown Peas, are superior. They are the earliest, hardest and most productive. All peas marked (\*) are wrinkled. Price of Peas, includes Postage on Packets Pints and Quarts.

### R. & C.'S POTLATCH

In Earliness and Productiveness, combined with Quality. Potlatch leads them all.

R. & C.'s Potlatch has again scored a success. Our customers everywhere are telling us of their great success with this new variety of Early Wrinkled Peas.

Without doubt one of the finest wrinkled, medium early pea known, exceedingly sweet, tender and luscious. See illustration.

\*Potlatch Peas—Are head and shoulders above any other variety that has been introduced in years. We want you to include Potlatch Peas in your order this year, and learn what a really good, large, sweet pea it is. Stronk, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant dark foliage, bearing pods medium green in color  $3\frac{1}{2}$  to 4 inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. The Potlatch is a variety from which anyone may expect great things. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. We consider ourselves very fortunate in having secured this extra fine pea, pkt., 15c; pt., 25c; qt., 40c; 4 qts., \$1.30; pk., \$2.00., bu., \$9.00.

### 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, 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. Height 2 to  $2\frac{1}{2}$  feet. Pkt., 10c; pt., 20c; qt., 35c; gal., \$1.00; pk., \$1.75; bu., \$5.75.

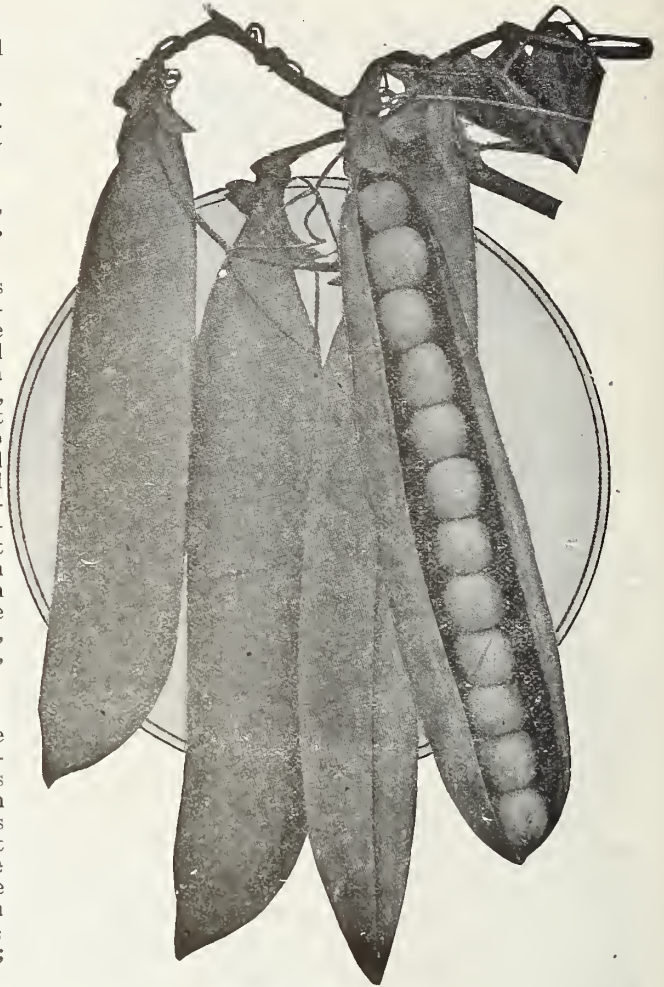
### FIRST AND BEST

Matures in from forty to forty-five days after germination. 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. Height 2 feet. Pkt., 10c; pt., 20c; qt., 35c; gal., \$1.00; pk., \$1.75; bu., \$5.75.

### NOTT'S EXCELSIOR

\*This fine extra early dwarf wrinkled Pea is very popular. Foliage dark green and rather heavy, suggesting health and vigor. On good soil grows about 1 foot high. Pods one-third larger than American Wonder and are all ready to pick at once; a great yielder. Pods more often square than round. Pkt., 10c; pt., 20c; qt., 35c; pk., \$1.90; bu., \$6.25.

\*Horsford's Market Garden—The vines of this variety are of medium height, about three feet, hardy and very productive, giving the greatest number of pods of any on our list. The foliage is dark green and the leaves are small. The pods are of medium size, about two and three-fourths



POTLATCH

inches long, each containing five to seven medium sized, sweet, dark green peas which retain well their color and sweetness after canning. Seed wrinkled and of medium size. Pkt., 10c; pt., 20c; qt., 30c; gal., \$1.00; pk., \$1.85; bu., \$6.00.

\*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; qt., 30c; pk., \$1.85; bu., \$6.25.

\*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 eight peas each. Pkt., 10c; pt., 20c; qt., 30c; pk., \$1.85; bu., \$6.25.

Dwarf Gray Sugar—The old standard variety of the edible-podded sort, and is used in no other way. Grows about 2 feet high and is remarkable for its earliness. Pods are broad, flat and crooked and contain 5 to 6 peas. Seed is brown and wrinkled. Pkt., 10c; pt., 20c; qt., 30c; pk., \$1.90; bu., \$7.00.



## Garden Peas (Continued)

### LAXTONIAN

\*See Illustration. This is one of the largest podded of the early dwarf varieties and is a new sort of decided merit. The vines are vigorous, growing about 16 inches high and produces a large crop of good sized pods, averaging from 9 to 10 peas to the pod. The peas are of exquisite flavor and mature early. Many people who have tried Laxtonian claim it to be the best of all the early dwarf sorts. It is certainly worth a trial. Pkt., 10c; pt., 20c; qt., 35c; gal., \$1.10; pk., \$2.00; bu., \$7.00.

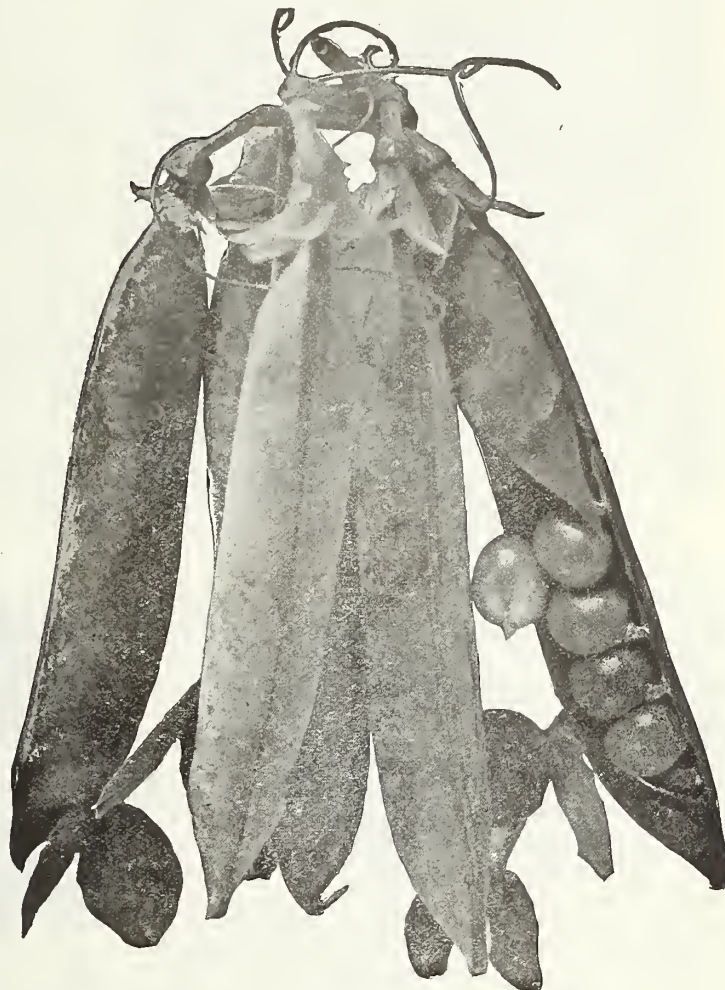
### THOMAS LAXTON

\*A very early wrinkled variety of great merit. Vine vigorous two and one-half to three feet high, dark green in color, hardy and productive. Pods large, long, with square ends. The green peas are very large, of fine deep color and unsurpassed in quality. We are certain that the earliness and productiveness of this pea need only to be known to make it one of the most popular sorts for the market and home garden, as in appearance and quality it is one of the very best varieties yet produced. Pkt., 10c; pt., 20c; qt., 35c; gal., \$1.10; pk., \$2.00; bu., \$6.90.

\*Telephone—The favorite variety for the market gardener. Extra large pods. Vine large, coarse leaves, height about 4 feet. The pods are very large and filled with immense peas, which are largest of any. Tender, sweet and of splendid quality and flavor. The stock we offer has been selected with every care, and will give satisfaction to the most exacting grower. Pkt., 10c; pt., 20c; qt., 30c; gal., \$1.00; pk., \$1.85; bu., \$6.00.

\*McLean's Advancer—A green, wrinkled variety about two and one-half to three feet high, with long, broad pods which are abundantly produced and well filled to the ends. This pea is used very extensively by the market gardeners because of its productiveness, and fine appearance of its pods and it is popular with consumers on account of its quality. Pkt., 10c; pt., 20c; qt., 30c; gal., \$1.00; pk., \$1.85; bu., \$6.00.

**Large White Marrowfat**—The vines of this tall variety are about five feet high and of strong growth. The pods are large, about three inches long, cylindrical, surface somewhat roughened, light colored and well filled; seed large, smooth, round and light creamy yellow. Excellent for summer use but is not as sweet and tender as most of the newer sorts, although undoubtedly one of the most productive of the garden varieties. Pkt., 10c; pt., 20c; qt., 30c; gal., 90c; pk., \$1.50; bu., \$5.00



LAXTONIAN

\*Champion of England—A very productive variety, universally admitted to be one of the richest and best flavored of the late peas. The vines are tall, about four to five feet high. Pods large, about three inches long. The seed is light green and wrinkled. Very inferior and mixed stocks of this sort are frequently offered but when the seed is as well grown and selected as that we offer we consider the variety equal in quality to any in cultivation and one of the best of its season, either for the home garden or market gardener. Pkt. 10c; pt., 20c; qt., 30c; gal., \$1.00; pk., \$1.85; bu., \$6.90.

### EARLY SURPRISE

**Early Surprise**—This new dwarf pea is of exceptional merit. Produces large pods containing 8 to 10 peas, of rich deep green color and is of exquisite flavor. The plant grows about one foot high literally covered with handsome large, dark green pods. It is one of the heaviest cropping dwarf varieties yet introduced. Should be planted in every home garden. Pkt., 10c; pt., 25c; qt., 45c. By express or freight, qt., 30c; gal., \$1.00; pk., \$1.75; bu., \$7.00.





PARSLEY—CHAMPION MOSS CURLED

## PARSNIPS

Parsnips are usually grown on deep, rich sandy soil, but will make good roots on any soil which is deep, mellow and moderately rich. Fresh manure is apt to make the roots coarse and ill shaped. As the seed is sometimes slow and uneven in growth, it should be sown as early as possible in drills two and one-half feet apart; cover  $\frac{1}{2}$  inch deep and press the soil firmly over the seed. Give frequent cultivation and thin the plants to six inches apart in the row.

**Hollow Crown or Guernsey**—An excellent variety for the table. Roots long, with smooth white skin, uniform in shape, tender and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top or crown of the root. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

### OKRA OR GUMBO

Pods used for flavoring soup. Very healthy and easily grown. Plant in hills two inches deep, two or three feet apart in rows.



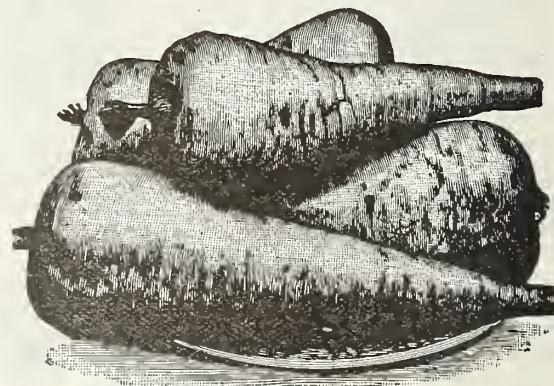
GIANT VICTORIA

**Dwarf Green Pod**—Plant dwarf; are very productive. Produces beautiful, long, slender, deep green pods which remain tender a long time. An extra choice variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

## 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.

**Giant Victoria**—Leaf stalks tall and large. Sometimes weighing 2 pounds each. Skin thick and red stained.



HOLLOW CROWN PARSNIPS

**White Velvet**—Distinct in appearance: the large pods are perfectly round, smooth, an attractive velvety white, of superior flavor and tenderness. Plant dwarf or compact branching growth; prolific. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

Pulp quite acid. Productive and profitable for market gardeners. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Linnaeus**—The earliest variety grown. Desirable for market or family garden. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb. \$1.00.

### RHUBARB ROOTS

We supply fine roots of the Giant Victoria, not seedlings Mailing size, each 10c; dozen \$1.00, postpaid. By express at purchasers expense dozen 50c 25 for \$1.00; \$3.50 per 100.

## PARSLEY

Parsley is used for seasoning soups and stews for salads, and is also very universally used for garnishing; also for ornamental borders in the flower garden; succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks sometimes elapse before it makes its appearance. It should be sown early in the spring. One ounce of seed will sow about 150 feet of drill.

### CHAMPION MOSS CURLED

A handsome variety of quick, robust growth, forming compact, ornamental plants densely furnished with strong stemmed graceful leaves, finely cut, most beautifully curled, and of that brilliant emerald green color so highly attractive when used for garnishing. The flavor of the leaves is also unusually rich and aromatic, rendering this variety of special value where used for flavoring in sauces, dressing, etc., either when fresh or dried. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.

### DOUBLE CURLED

The standard sort for outdoor culture also highly prized by market gardeners for the greenhouse. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 60c.



# FINE PUMPKINS

## Genuine Mammoth, or True Potiron

(King of the Mammoths, Jumbo Pumpkin)

Of true Mammoth size, specimens weighing sometimes from 100 to 125 pounds. The skin is of salmon-orange color, the flesh thick, bright yellow, fine grained and of good quality. Give plenty of space. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**LARGE SWEET 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. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

**SMALL SWEET OR SUGAR PUMPKIN**—This is the small, sweet Pumpkin that has made the New England States famous for their pumpkin pies. It is a very fine grained, most deliciously sweet-flavored sort. Splendid keeper. They average about 10 inches in diameter. Deep orange-yellow color. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

**Mammoth Tours**—Immense size, often weighs 100 pounds. Oblong; skin green, good exhibition sort or for feeding stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

### STRIPED CUSHAW.

A great favorite. Beautiful in appearance; a distinct mottled green white striped. Fruit solid, average 15 to 25 pounds. Flesh yellow, fine grained, sweet and excellent for pies. Sells well on the market. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.

### TENNESSEE SWEET POTATO

Medium sized, pear shaped, striped white and green; thick flesh and of good flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c.



EARLY WHITE BUSH

Shell very hard when ripe. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

### WARTED HUBBARD

One of the best of the winter squashes. Vines vigorous and very productive. Fruit large, heavy, moderately warted, with very hard shell, skin uniformly dark bronze green. Flesh bright orange-yellow, fine grained, thick, dry and richly flavored. Can be kept in good condition until spring. It is esteemed by many to be as good baked as the sweet potato. Our stock is carefully selected in regard to quality of the flesh and color of the shell and is much superior to that commonly sold. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

### DELICIOUS.

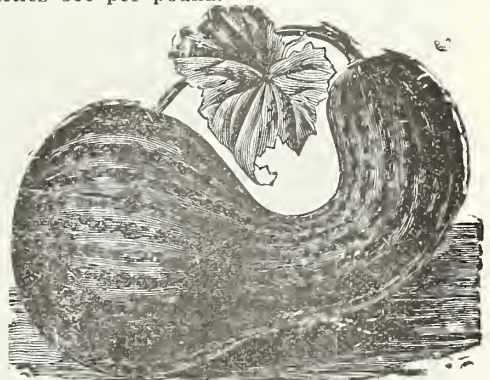
We are convinced that this squash is particularly excellent in quality and in that respect it is now by many considered even better than the Hubbard which has been so long looked upon as the standard. Delicious is a fall and winter variety of medium size. The fruits are moderately hard, usually dark green but sometimes lighter in color and mottled, and are without any hard shell. The flesh is thick, very fine grained and bright yellow in color. Even when somewhat immature this squash is in fine condition for use and of finest flavor. Pkt., 5c; oz., 10c; ¼ lb 25c; lb., 85c.



LARGE SWEET CHEESE

### Kentucky Field.

Large round, slightly ribbed; soft shell salmon color. Very productive and excellent for stock. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c. Larger quantities 30c per pound.



STRIPED CUSHAW

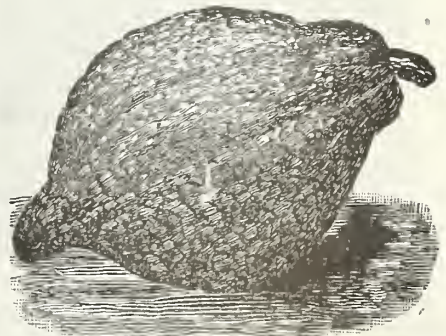
## SQUASHES

### EARLY WHITE SCALLOPED BUSH

The white "Pattypan" or "Cymplings," as it is called in the South. A very early and continuous bearer. Ships well. Color, light cream. A first-class variety for home and market growers. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c

**Yellow Summer Crookneck**—Best variety for the home garden in summer. Very productive bush form. Small crooked neck with warts.

Shell very hard when ripe. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.



WARTED HUBBARD



# REDING & CLARK'S QUALITY RADISH SEED

All varieties radish except where noted, pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c postpaid.

## CRIMSON GIANT

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; ¼ lb., 25c; lb., 75c.

**Scarlet Turnip White Tip**—Good sized radishes can be pulled in twenty days after sowing seed. Of fine round shape flesh pure white, and as a result of its quick growth, very crisp, mild and tender.



## SCARLET TURNIP WHITE TIP

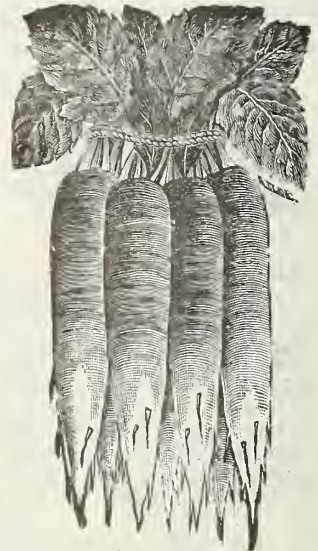
ket size, is crisp and brittle, and of mild, sweet flavor. A fine variety for market and private gardeners, who have a demand for an early long white radish. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**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.

**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.

**Long Brightest Scarlet, White Tipped**—One of the brightest and handsomest scarlet radishes known and a decided improvement in earliness and color over other varieties of this class. Roots mature in about twenty-five days from time of planting and continue in good condition until full grown when they are as large in diameter but a little shorter than Early Long Scarlet, has a small top and can be used for forcing. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 65c.

**Early Long Scarlet Short Top**—The old standard long red variety early and of excellent quality. This variety is largely used



CHARTIER

by market gardeners who consider it one of the most profitable sorts which they can plant. Also an excellent variety for home gardeners.

**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.



## REDING & CLARK'S WHITE ICICLE Reding & Clark's White Icicle

Our selected strain of this popular white Radish will insure you the finest flavored Radish you have ever eaten. Excellent and profitable. Has few leaves and is better for forcing. The icicle radish is perfectly white in color and long and tapering in shape. It quickly grows to mar-



## REDING & CLARK'S QUALITY RADISH SEED (CONTINUED)

**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.

**French Breakfast**—This pretty Radish in color is bright red, tipped with white. It is oblong in shape and in quality is crisp and tender. It is a quick grower, and is still an exceedingly popular variety.

### WINTER RADISHES

**Long Black Spanish**—One of the latest as well as hardiest of the radishes. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

**California Mammoth**—It is pure white about one foot long and two or three inches through, tapering regularly to the tip. The flesh is tender and crisp, keeping well through the winter. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

**Rose Colored China**—Skin very smooth and of a bright rose color; flesh firm, crisp, tender and quite pungent. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

## STANDARD VARIETIES of TOMATOES

### BEAUTY

**Special Extra High Grade Quality Seed.** Our special strain seed of this variety cannot be excelled. It is the very acme of Quality. Of a very glowing crimson in color with a 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 seed than average kind and is less inclined to rot. Pkt., 10c; ½ oz., 15c; oz., 25c; lb., \$2.25.

### DWARF STONE

The merits of the dwarf-growing sorts are being more and more appreciated especially by the man who has only a small piece of ground at his disposal. The advent of Dwarf Stone marked a new epoch in Dwarf Tomatoes, for in that sort we bred many desirable characteristics lacking in other dwarfs. The fruits are larger than those of Dwarf Champion and nearly as large as those of our original Stone. Dwarf Stone is prolific—Single fruits often weigh 1 pound and are very meaty and solid. The shape of the fruit is perfect. The skin is free from cracks. The color is bright red. It is an exceedingly "tasty" sort, whether eaten raw from the hand or prepared in any way. You may set the plants of Livingston's Dwarf Stone as close as 18x24 inches and still produce an abundant crop. It is the variety "par excellence" where ground and space are valuable and it has become a great favorite. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., \$3.00.

### GENUINE STONE

**The Greatest Canning Tomato in the World.**

The largest bright red, perfectly smooth, highest yielding, best keeping, finest flavored main-crop variety in existence.

Dealers and planters everywhere recognize the merit of the Stone. It is now twenty-four years since Stone Tomato was first introduced. More Stone Tomatoes are grown every year than any other half dozen varieties taken together. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

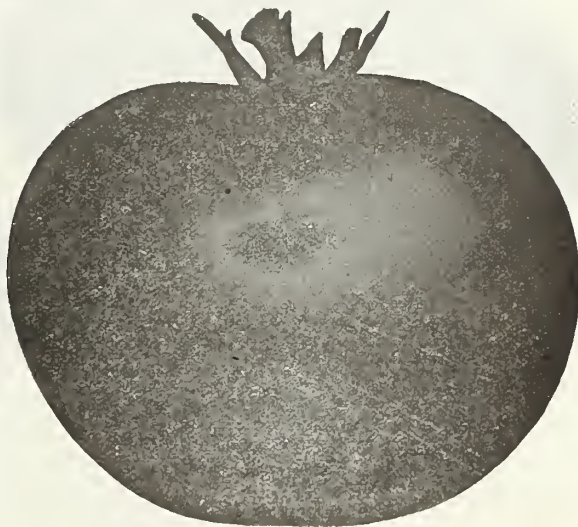
Stone Tomatoes are grown half dozen varieties taken together. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

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

### SPARK'S EARLIANA

Coming into the market early it commands top prices. It produces an abundance of remarkably solid fruit of uniform shape and rich, bright red color. The Tomatoes are born in clusters, and can generally all be gathered in about three weeks from the time the first fruit ripens. They are of good flavor and contain few seeds. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.00.

**Livingston's Globe Tomato**—Is early. In time of ripening we class it with the first earlies, being among the first to ripen fruit. The fruit are of large marketable size. It is always smooth, of firm flesh, few seeds; ripens evenly; color, a fine glossy rose, tinged with purple and without the slightest tinge of yellow at any stage of ripening. It is an exceedingly productive variety, having plants with many short joints at which large clusters containing three to seven fruits are almost invariably formed, so that it can be truthfully stated the plants are literally loaded with fruit. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; lb., \$2.75.



GENUINE STONE TOMATO

Red Cherry, Yellow Plum, Red Pear Shaped, Yellow Cherry, Yellow Pear Shaped.—All the above at pkt., 5c; oz., 20c; ¼ lb., 55c.



# R. & C'S QUALITY TOMATO SEEDS

FOUR GRAND VARIETIES OF TOMATOES

## NEW CORELESS

Livingston's New Coreless is a large, main-crop, globe-shaped, bright red variety, which will be a strong competitor with all old varieties. In shape it is almost round being about the same diameter each way. The depression at the stem end has been almost eliminated, making it the most profitable variety for canning. It is immensely productive, clusters of four to seven fruits are produced at 6 to 8 inches apart along the stem. All of the fruits are of marketable size and many of them are quite large—12 to 15 ounces. Always free from green core. A good slicing variety, the seed cells being surrounded by bright red, heavy, meaty and delicious flesh.

Ripens all over and through and right up under the stem all at the same time. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.



LIVINGSTON'S CORELESS

## JUNE PINK

A Money Maker. See Illustration.

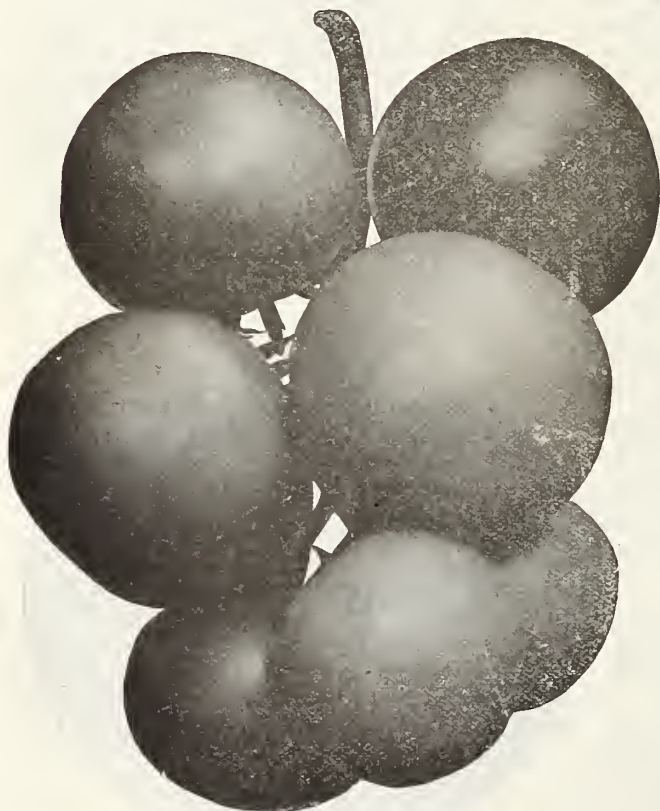
Ripens as early as Spark's Earlina. It is an enormous bearer, clusters of six to ten fruits being borne frequently. The fruit is of medium size, uniform, smooth and attractively shaped. It will average 2¾ to 3 inches in diameter and 2 to 2½ inches in depth. The skin is reasonably tough, so that it is excellent for shipping. In color it is a bright pleasing pink and in markets where a pink Tomato is desired will bring more in price than any red variety. Pkt., 5c; oz., 25c; ¼ lb., 65c; lb., \$2.25.

## PONDEROSA

This is the largest and one of the most popular of all tomatoes and is of fine quality for slicing. The vines are of strong growth; fruits oblong in form and generally ridged or ribbed; deep purple in color. They are solidly fleshy with small seed cells; of fine flavor. Planted in good soil fruits frequently attain a weight of one pound or more. The demand for this variety increases from year to year which is proof of its superiority, pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 90c; lb. \$3.00.

## LIVINGSTON GLOBE TOMATO

The Finest Early Purple Tomato in Existence—Livingston's Globe Tomato is an extra good allround sort of a distinct globe shape, with quite a large per centage of elongated fruits. It is a very beautiful variety.



JUNE PINK

Bears fruit fully one-third larger than the original in all kinds of soil. It continues bearing desirable sized fruits until frost. Fruit is produced in clusters of three to five specimens. The plants are close-jointed each bearing a large num-

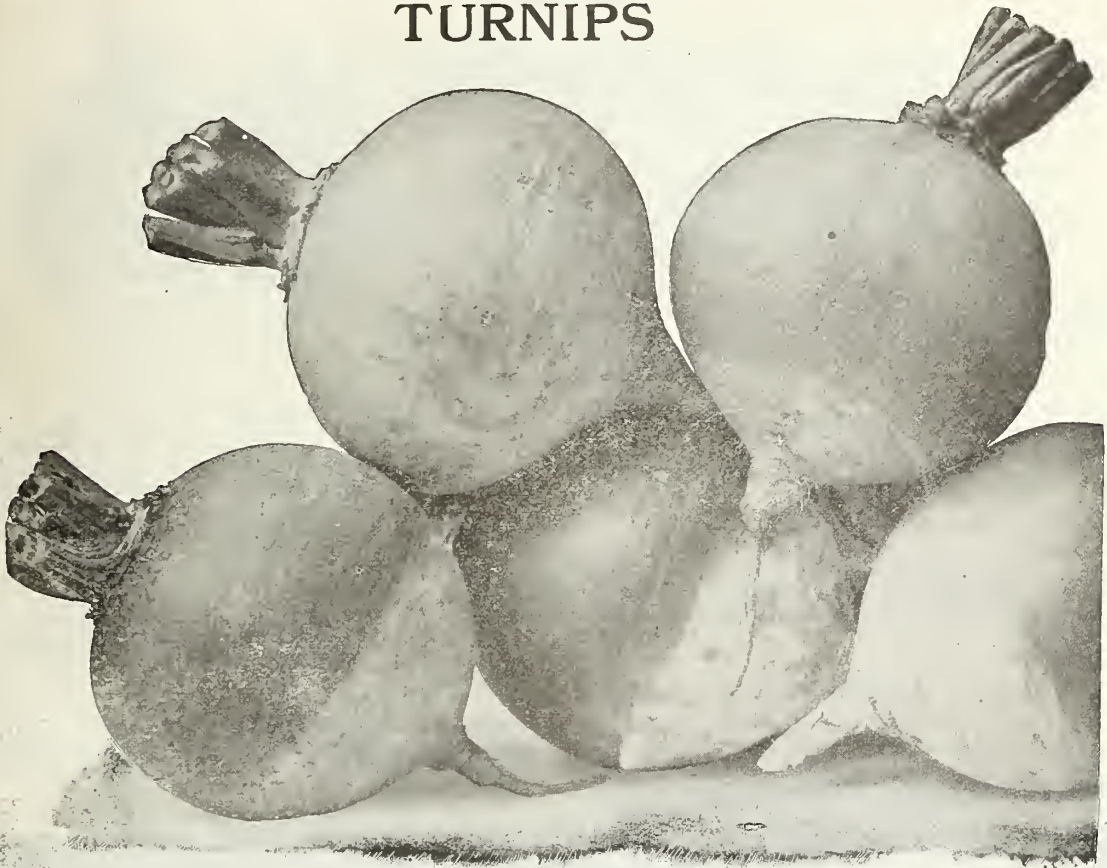
ber of fruits of a beautiful glossy purple, invariably "as smooth as an apple," firm, solid, thick flesh with large meaty center. Quality is the best. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

## SPECIAL

For 25 cents we will mail one packet each of the four Grand Tomatoes listed on this page.



# TURNIPS



## PURPLE TOP WHITE GLOBE

### SPRING OR SUMMER VARIETIES

#### Extra Early Purple Top Milan

One of the earliest sorts in cultivation. Bulb very flat, medium size, quite smooth, with a bright purple top; leaves few, short and light color grows compact and makes exceedingly small strap leaved top. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c.

New White Egg—This is certainly one of the

### FALL VARIETIES

All Turnips except where noted, Pkt., 5c; oz., 10c; ¼ lb., 20c; lb. 50c.

#### 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.

**Cow Horn, or Long White**—This variety is clear white, except a little shade of green at the top of the root, which is long and carrot-like in form, cylindrical but usually ending in a point and slightly crooked. The roots are often twelve to fifteen inches long by about two and one-half inches in diameter and grow about three inches out of the ground. The flesh is fine grained and well flavored, and for table use is in best condition when the roots are about two inches in diameter. Desirable for stock feeding and has obtained considerable favor as a market sort. The variety is of very rapid growth and well adapted for fall and early winter use.

**White Globe**—Immense white globe shaped roots, in rich ground, frequently attain the weight

very choicest and finest varieties; comparatively new and producing beautiful egg shaped turnip. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c.

**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. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c.

of 12 lbs. Considering this size it matures early. A very good autumn variety for both table and stock.

**Purple Top Strap Leaf**—A well known popular variety, either for family or market use; large size; white-purple above ground, flesh fine grained grows quickly and is as good for winter use or late planting, as it is early.

**Amber Globe**—A medium sized, round, late maturing, yellow fleshed turnip. The roots are yellow with purple top. The flesh is pale yellow in color, of very firm texture, approaching the Ruta Baga in this regard, but tender and sweet. The variety is hardy productive and especially valuable for stock feeding. Unequaled for its long keeping qualities and therefore particularly desirable for late winter and spring use.

### RUTA BAGA

**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.



## SPINACH

For early use, plant the seed in August or September, in drills 12 to 14 inches apart. At approach of cold weather, cover lightly with straw or any handy litter. Uncover the plants when they begin to make a new growth in the spring. For summer use, sow early in spring. Thin to 3 or 4 inches. One ounce of seed for 50 feet of drill; 12 to 16 pounds for an acre.

**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. Pkt., 5c;  $\frac{1}{4}$  lb., 15c; lb., 35c.

**Long Standing**—Of flat spreading, but compact growth, this sort is especially noticeable for its short stemmed dark green leaves which are heavily crumpled and savoyed. For marketing during the warm summer months, it is unsurpassed. Stands longer before going to seed than any other sort on our list. Pkt., 5c;  $\frac{1}{4}$  lb., 15c; lb., 35c.



LONG STANDING

## TOBACCO SEED

The importance of this crop in many sections makes the use of the very best seed an urgent necessity. We feel safe in stating that the quality of seed offered below is absolutely unsurpassed.

### HAVANA

Used for cigar purposes, although sometimes used as a manufacturing sort. Has a very large, long, fine quality leaf; very early, making two crops a season in some sections. Best adapted to chocolate or rich gray soils. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

### BIG ORONOKO

A very large and heavy variety for fillers and strips. Makes a wide, long leaf of dark color. Best adapted to rich alluvial and red-clay soils. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

### IMPROVED WHITE BURLEY

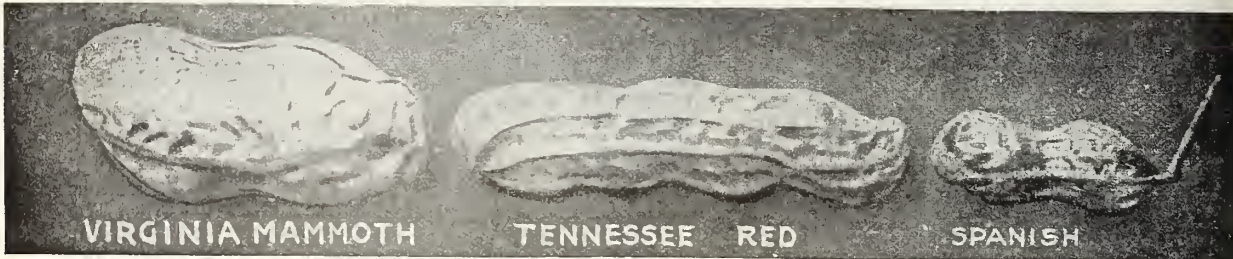
Well-known sort of great merit. Our strain is grown on the famous limestone fields of Tennessee. Only the choicest plants are set in the seed plots, and special care and cultivation insures well matured seed of highest vitality. Careful handling cleaning and curing of seeds as well as special attention to the crop throughout the season make this strain and seed unsurpassed. Pkt., 5c oz., 25c;  $\frac{1}{4}$  lb., 75c.

### MISSOURI BROAD LEAF

A well-known standard sort; very large yielder, and ideal sort for home use. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

### CONNECTICUT SEED LEAF

Our seed is Connecticut grown; a stocky plant; leaves not very long, but of good width; suitable for cigar fillers. Grown all over the United States. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.



VIRGINIA MAMMOTH

TENNESSEE RED

SPANISH

## PEANUTS

Plant six to 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 in each hill, cover about two inches.

### TENNESSEE RED

The finest varieties grown, especially adapted, to black waxy land, as well as sandy soil. The nuts contain from two to four large kernals each, and are enormously productive. Vines grow upright in bush form and are very desirable for hay. Postpaid pkt., 10c; 1 lb., 25c; 3 lbs., 65c. By express or freight lb., 15c; 10 lbs., \$1.25. Larger quantities at 11c per lb.

### JUMBO OR MAMMOTH

This variety grows to an astonishing size and does extremely well in our State. The plants make compact bushes, about 18 inches high, with heavy erect stalks and large leaves. The giant nuts have thick, heavily ribbed shells. Postpaid, pkt., 10c; one lb., 25c; three lbs., 80c, by express or freight lb., 20c; 10 lbs., \$1.40. Larger quantities at 12c per lb.

### VIRGINIA BUNCH PEANUTS

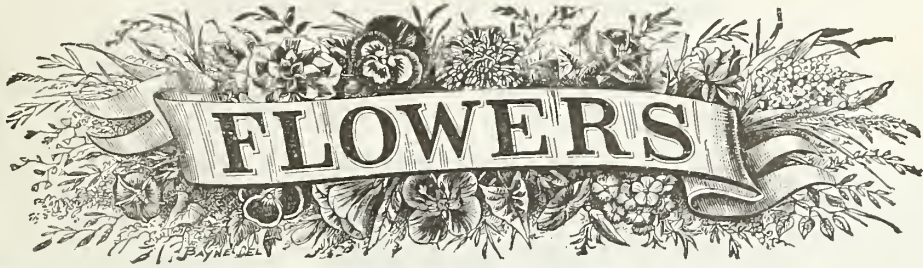
The Virginia Bunch Peanuts are rapidly grow-

ing in favor wherever they are planted. They are about a week earlier than the running peanuts, and will, in wet weather, mature better than the running kind. They also make larger nuts, bringing from one to one and a half cents per pound more on the market than the running kinds, and are much easier to cultivate and harvest. They are fully equal to, and some growers claim make larger yields than the running peanuts. Their many advantages in other respects make them decidedly preferable for planting as a profitable crop. Postpaid, pkt., 10c; lb., 30c; 3 lbs., 75c. By express or freight lb., 20c; 10 lbs., \$1.50. Larger quantities at 13c per lb.

### SPANISH PEANUTS

In addition to their value for growing for the nuts, these are very largely used in the South as a forage and fattening crop for hogs and other stocks. They are early to mature and very productive. In harvesting, the nuts hang to the vine and tops and nuts are fed together to hogs, cows and horses as a whole grain ration. While the nuts are smaller they are very much sweeter than the larger sorts. Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c. By express or freight, lb., 15c; 10 lbs., \$1.25. Larger quantities at 11c per lb.





To grow flowers well the soil must be carefully prepared as for vegetables. Spade the beds to a good depth 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.

**DISCOUNTS ON PACKET FLOWER SEEDS**—For 25 cents select 6 Five-cent, or 3 Ten-cent pkts. For 50 cents select packets to the amount of 65 cents. For \$1.00 select packets to the amount of \$1.30. We prepay Postage on all Flower Seed.

**FLOWERS FROM SEED ARE USUALLY KNOWN AS ANNUALS, BIENNIALS AN PERENNIALS.**

**ANNUALS** bloom and ripen seed the first year and then perish.

**BIENNIALS** do not generally flower the first season and are in perfection only one year.

**PERRENNIALS** continue to flower for several years in succession. Many of them bloom the first year if sown early.

## ASTERS

### Reding & Clark's Superb Aster Mixture

A magnificent mixture, producing myriads of Gigantic Flowers of the most gorgeous colors and perfect form. This mixture contains the cream of all the Asters. We have spared nothing to make it the most perfect of any Aster mixture offered. It will surprise you with its great profusion of varieties, all beautiful, striking and distinct, with a range of color not to be found in any other Aster mixture. Price, pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

#### VICTORIA ASTERS

Undoubtedly one of the most handsome asters in cultivation, and we have an excellent strain of the seed. The petals curve outward, overlapping like those of the double dahlia. Plants grow about two feet tall and are simply covered with from twenty to forty magnificent flowers averaging from three to four inches across. The flowers are unusually attractive forms and brilliant colors.

- Victoria Snow White.....pkt., 10c
- Victoria Pink. . . . .pkt., 10c
- Victoria Bright Red.....pkt., 10c
- Victoria Light Blue.....pkt.,10c
- Victoria Dark Blue.....pkt., 10c

**VICTORIA FINE MIXED**—All the above colors in mixture. Pkt., 10c; 1/4 oz., 50c.

#### IMPROVED PEONY PERFECTION

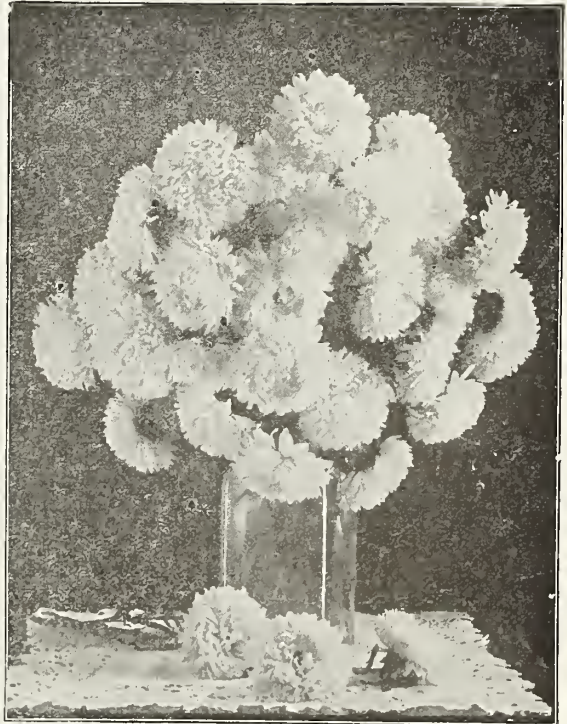
One of the handsomest sorts; flowers are borne on long, wiry stems, are very large, 3 to 4 inches in diameter, very double, in shape like a peony. The petals incurve and give the flowers a ball like appearance. This is especially true during the early, flowering season. Mid season to late flowering. Pkt., 10c; 1/8 oz., 20c.

#### HOHENZOLLERN ASTER

The finest type of the Giant Comet or Ostrich Feather type of Asters. Borne on long stems they make cut flowers, par excellent. Finest mixed, pkt., 10c; 1/8 oz., 20c.

#### SEMPLE'S BRANCHING

A class of very strong growing Asters not coming into bloom until very late, but producing



#### R. & C'S IMPROVED VICTORIA ASTER

4 Packets of any Aster listed at 10c per packet, for 25c postpaid.

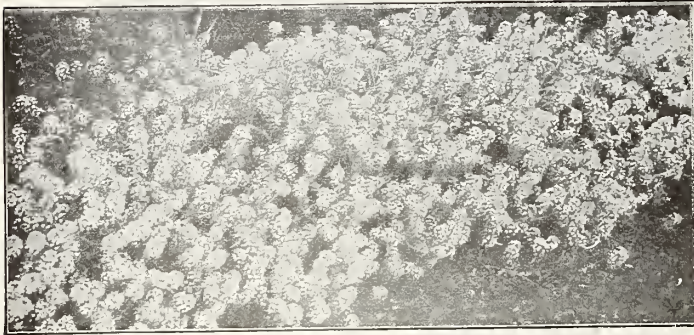
flowers so large, double, perfect in form and borne on such long stems that florists sometimes sell them for chrysanthemums. Finest mixed, pkt., 5c; 1/8 oz., 15c.



# FLOWER SEEDS

## ALYSSUM

**Little Gem**—This should really be called the "Snow-white carpet plant" for the plants, which are only a few inches high grow so dense and are



## ALYSSUM LITTLE GEM

so completely covered with snow white blossoms, they create the impression of a beautiful carpet spread over the ground. We know of no other flower which is so particularly well adapted for border, ribbons, etc. The plants commence to bloom when quite small, and will flower all summer long until late in the fall. This habit, with its fragrance, makes it indispensable. Pkt., 5c; 1/8 oz., 15c.

**Maritimum**—Of trailing habit. Fragrant. Pkt., 5c; 1/8 oz., 10c.

## 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. Pkt., 5c.

## BALSAMS

An old-time favorite with brilliant double flowers. Succeeds best in good rich loam. Height two feet.

**Double Mixed**—White, rose, pink, scarlet, etc., Pkt., 5c; 1/8 oz., 15c.

## RICINUS CASTOR BEAN

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

**Zanzibariensis Mixed**—Pkt., 5c; oz., 10c.

## COSMOS

**Giant Flowered Fancy Cosmos**—These gigantic flowers measure from 4 1/2 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. Pkt., 5c.

**Early Flowering All Colors Mixed**, Pkt., 5c.

## CARNATIONS

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.

**Margaret Mixed Colors Pkt.**, 5c.

## CALLIOPSIS

A quick growing annual. The flowers are placed on graceful wavy stems and in color run through all the shades of red and yellow; foliage dainty; useful combined with other flowers.

All sorts and colors mixed, pkt., 5c.

## CALENDULA

A perpetual bloomer, the flowers are oriental in color and exhibit every shade of yellow from ivory to deepest orange. Makes good cut flowers, pkt., 5 cents.

## CANDYTUFT

Candytuft will grow anywhere under all conditions and flowers all summer. Good for cut flowers and borders.

**Empress**—A complete mass of snow white flowers. Pkt., 5c.

**Mixed**—White, carmine and crimson colors. Pkt., 5c.

## CANNA

**Crozy's Mixed**—Few people know these tropical plants can easily be grown from seed and bloom the first summer if sown before April. Pierce the seed in one spot with a file and soak in lukewarm water for 24 hours before sowing. Pkt., 5c; oz., 20c.

## COLEUS

Probably the 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.

**Fine 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. Pkt., 5c.

## CHRYSANTHEMUM

**Annual Varieties**—Quite distinct from the autumn flowering varieties. Summer blooming border plants of compact, thrifty growth. 1 to 1 1/2 feet high, producing large blooms 2 inches across, from July until frost. Extensively grown for cut flowers. They are partial to a little shade. Sow seed in the open where plants are to stand.

**Mixed Colors, pkt.**, 5c.

## FINE DAHLIA SEED

A favorite for autumn flowering. Seed may be sown in spring in open ground after danger of frost is over, but for best results sow in shallow pans at any time in March, and transplant the seedlings to small pots. When strong enough and danger from frost is over plant out one foot apart. These plants will produce tubers which should be taken up in the fall and replanted the following spring; will bloom the first year if planted early.

**Double Dahlias**—Extra fine mixed, many fine varieties. Pkt., 10c; 1/4 oz., 50c.

**Single Giant Perfection**—This strain is a decided advance on the ordinary singles. The plants produce in great abundance flowers of immense size, averaging 6 inches across of the most bewildering variety of coloring. Pkt., 5c; oz., 35c.

**Double Cactus Flower Mixed**. With twisted and curled petals, pkt., 15c.

See also Dahlia Bulbs

## DIANTHUS

**Chinese and Japanese Pinks**—The plants grow one foot high and bloom profusely from early summer until frost.

**Double Mixed Chinese**—Annual. Mixed, pkt., 5c. **China or Indian Pinks**—Fine single, mixed, pkt. 5c.

**Double Imperial**—Variegated colors, pkt. 5c.

**Double Heddiwigi**—Japanese pink, pkt. 5c.

**Hardy Garden or Clove Pinks**—This splendid class of hardy perennial pinks should be in all gardens. They have the delightful clove fragrances, pkt., 5c.



# FLOWER SEEDS

## LARKSPUR

**Double Dwarf Rocket, Mixed**—Produce beautiful spikes of double flowers in many shades. Hardy annual; one foot high, pkt. 5c.

## LOBELIA

Elegant little plant of easy culture, completely covered with flowers from June until September. **Erinus Erecti**—Flue and white mixed, pkt., 5c.

## MIGNONETTE

A very well known hardy annual producing dense spikes of exceedingly fragrant flowers. Seed sown in autumn will bloom early the following spring. Hardy annual one foot high, pkt., 5c.

## HELIOTROPE

Deliciously fragrant flowers of rich purple blue. The flowers and leaves have a mossy effect. Blooms from seed the first summer if sown early in the spring. Excellent for cutting and splendid for bedding. Fine mixed, pkt. 10c.

## 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.  
**Tall African Mixed**.....pkt., 5c  
**Dwarf French Mixed**.....pkt., 5c

## 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 fine mixed, pkt., 5c.

## ESCHOLTZIA

**California Poppy**—A bright free-flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers in pure shades of yellow, orange and crimson are produced from early spring until frost. Sow the seed where the plants are to remain. Pkt., 5c.

## EVERLASTINGS

These are mostly annuals with straw-like flowers that keep their form and color for years. Mixed colors, pkt., 5c.

## FOX GLOVE

**Digitalis**—An old-fashioned flower of stately growth; highly ornamental large cup-shaped flowers; height three feet. Mixed pkt., 5c.

**Myosotis**—A favorite old-fashioned flower bearing in profusion clusters of blue blossoms. It thrives well in the shade or open border. Hardy perennial. Pkt., 5c.

## FOUR O'CLOCKS

Well known annuals of easy culture. Mixed colors. Pkt., 5c.

## GAILLARDIA

They will produce from early spring until late fall a continuous profusion of brilliantly colored flowers, red and yellow predominating. Of easy culture, sow where they are to remain. Annual varieties. **Double Perfection, Mixed**, pt., 5c.

## GERANIUMS

These grow readily from seed the first year and produce blooming plants the first summer. There is a great deal of pleasure in watching them develop from seed, and there is always the chance of securing something new and desirable in that way.

**Zonale Varieties**—Saved from the choicest collections, pkt., 10c.

## SUPERB NASTURTIUMS

### R. & C.'S SPLENDID MIXTURE OF DWARF NASTURTIUMS

This is our best mixture of the dwarf varieties. It is composed exclusively of the most elegant, large flowered sorts, and the brilliantly colored flowers range through every shade and tint known in this favorite annual. This seed will produce a bed or border gorgeous beyond description. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

### DWARF CHAMELEON

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. Pkg., 5c; oz., 10c ¼ lb., 25c; lb., 90c.

### TALL NASTURTIUMS

**R. & C.'s Superb Mixture**—This Superb Mixture of tall or climbing nasturtiums will surprise you with its great variety of different colored flowers and its profusion of bloom. A wonderful variety of rich flowers and striking combinations are found in this Superb Mixture. A row in full bloom is certainly a picture you will remember. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

### MADAM GUNTER'S HYBRIDS

Blotched and striped flowers of very brilliant and beautiful colors; grow about four feet high. Pkg., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.





## PANSIES

### Reding & Clark's MAMMOTH FLOWERING PANSY MIXTURE THE FINEST MIXTURE OF MAMMOTH OR GIANT PANSIES

In this magnificent mixture of mammoth-flowering pansies the blossoms are borne on long stems well above the foliage and are distinguished for their gorgeous and varied colorings and beautiful markings, of fine substance, velvety texture, perfect form, and giant size, frequently measuring three inches in diameter. The colorings are wonderfully rich and varied; every shade and tint of rose, canary-yellow, black, white, cream, lavender, garnet, sky-blue and orange are produced in endless variation. An unequaled collection of all

the finest types. The best, handsomest, and most perfect giant-flowering varieties. Pkt., 10c; 3 pkts 25c; 1/8 oz., 60c.

#### GERMAN PANSIES

German Pansies.—The German Pansies are noted for their most 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; 1/8 oz., 20c.

#### PETUNIA

For freedom of bloom, ease of culture and effectiveness, these rank with Astors, Phlox and Verbenas. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers through the whole summer.

Finest Mixed.....Pkt., 5c; 1/4 oz., 25c.

#### SWEET WILLIAM

A splendid old-fashioned plant, producing its large heads of beautifully colored sweet-scented flowers in great abundance. It is hardy, easily grown; and flowers the second year from seed.

Double Fine Mixed.....Pkt., 5c

Single Fine Mixed.....Pkt., 5c

#### ZINNIA

A very showy and brilliant annual of easy culture. Stands the heat of summer well, and succeeds in any common garden soil. Mixed, pkt., 5c; oz., 30c..

#### SALVIA

Splendens—Georgous 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; 1/8 oz., 30c.

#### WILD FLOWER GARDEN

A mixture of easily grown annuals, for the decoration of children's gardens, prairies, shrubberies etc. Pkt., 5c; oz., 15c.



PETUNIAS





## SWEET PEAS

One ounce will plant 10 feet of Row.

### REDING & CLARK'S 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 seeds by the weight and plant liberally. Price pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

### ORCHID FLOWERED OR SPENCER SWEET PEAS

These new Sweet Peas are distinguished for their gigantic size, usually measuring two inches across; the bold, erect standard, which is uniformly waved, crimped and fluted in exquisite fashion; the charming blendings of harmonious colors the exceedingly long flower stems, which make them unexcelled for cutting; the great profusion of flowers and the large number of flowers on the stem, usually three to four.

#### KING EDWARD SPENCER

Undoubtedly the largest and best scarlet Sweet Pea to date. Each stem carries from 3 to 4 enormous flowers. Wings carmine-scarlet, reverse side rosy carmine. The beautiful blossoms are carried on long, stiff stems. Pkt., 10c; oz., 30c.

#### COUNTESS SPENCER

Of perfect form, remarkable size and exquisite color. The flowers are often 1½ to 2 inches in diameter, with both standard and wings charmingly fluted. The coloring is an exquisite soft rose-pink, daintily tinted with silvery white.—Pkt., 10c; oz., 30c.

### LARGE FLOWERING ECKFORD & UNWIN TYPES

The Best Named Sorts, pkt., 5c; oz., 10c; ¼ lb. 35c.  
 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 Griseld Hamilton—Standard Mauve, wings lavender.

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

Dainty—White with pink edge, unique.

### WHITE SPENCER

Without doubt the largest and most magnificent White Sweet Pea ever introduced. The vines are almost completely covered with mammoth flowers. The flowers are borne 3 to 4 on a stem and are of splendid substance. It is without a rival among White Sweet Peas. Pkt., 10c; oz., 30c.

### SPENCER SEEDLINGS MIXED

All of the best-named sorts, also many rare new hybrids in lavender, blue, striped, mottled, purple, maroon and many other shades are included in this superb mixture. All flowers are of extremely large size, typically frilled and waved, and very lovely. Pkt., 10c; oz., 30c.

### CUPID OR DWARF SWEET PEAS

Distinct as possible from other sorts; 6 to 9 inches high, spreading out and forming a mass 1¼ feet across. Of very neat, compact bushy habit, with flowers as large and fragrant as the tall kinds. Fine for pots, borders and masses.

Fine Mixed—Contains all the known colors and varieties of Cupids. Pkt., 5c; oz., 10c; ¼ lb., 25c.

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

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.

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

Stella Morse—The large flowers of this variety are the finest form and a peculiar warm salmon pink.



**PHLOX**

**Grandiflora**—No flower can surpass the Phlox in brilliancy or variety of color, or freedom of bloom. Large flowering, finest mixed, pkt., 5c; ¼ oz., 15c.

**POPPIES**

**Shirley**—Flowers exceedingly graceful and elegant; single colors ranging from bluish-white, delicate pink, rose, carmine, to bright, sparkling crimson, occasionally with white. The best and most showy of all single poppies. Finest Mixed. Pkt., 5c.

**Carnation Flowered Mixture of Double Poppies**—Large sized flowers of all shades, many striped. The Opium Poppy. Pkt., 5c.

**PORTULACA**

**Rose Moss**—This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Easily transplanted. In sowing mix the seed with dry sand to insure an even distribution. Sow in May when the ground is thoroughly warmed through.

Single fine mixed pkt., 5c. Double fine mixed pkt., 10c.

**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. Pkt., 10c.

**STOCKS**

The flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of all the soft and distinct shades.

Dwarf German 10 Weeks, Fine mixed, pkt., 10c.

**CLIMBING VINES****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. Each variety, pkt., 5c; oz., 15c.

**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, pkt., 5c; oz., 15c.

**DOLICHOS HYACINTH BEAN**

A rapid growing annual climber, flowers freely in erect racemes, followed by ornamental seed pods. Sweet scented, pkt., 5c; oz., 20c.

**GOURDS**

**Hercules Club**—Grown six feet long.

**Sugar Trough**—Often used for buckets.

**Dish Cloth or Chinese Sponge**—(Luffa).

**Nest Egg**—Excellent for nest eggs.

**Dipper Gourd**—Used for dippers.

Small sorts, mixed.

**Mock Orange**—Yellow color.

**Ornamental Pomegranate**—Has delightful perfume. Large pkt., of any gourds, 5c; oz., 25c.

**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., 15c; ¼ lb., 40c.



PHLOX

**SUNFLOWERS—MINIATURE**

Double Dwarf, Special mixture 5c pkt.

**SCARLET RUNNER BEAN**

Ornamental climber. Bright scarlet spray of bloom followed by delicious edible beans. Pkt., 5c; ¼ pt., 10c; pt., 30c.

**MOON FLOWER**

(Ipomoea 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 in a box or pan and set in a warm place. If the soil is 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; oz., 35c.

**MADEIRA VINE**

Dormant Bulbs.

A rapid growing climber with beautiful waxy foliage and graceful clusters of flowers of pure white color and delicate fragrance. Very ornamental and useful for shading verandas, arbors, or covering unsightly sheds, stumps, etc. Good strong bulbs by mail postpaid, each 5c; 6 for 20c; 35c per doz. By express not prepaid per dozen 25c.

**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 seedpods. Pkt., 5c; oz., 15c.



## BEDDING CANNAS

### GREEN FOLIAGE VARIETIES

**Florence Vaughan**—5 ft. The most famous of all Cannas. It still remains the best type of new Cannas. The flowers are of rich golden yellow, thickly dotted with bright golden red. Postpaid 15c each. By express dozen \$1.00.

**Mad Crozy**—3½ ft. Vermillion with gold border. The sort which popularized the Canna. Post paid 15c each, by express dozen \$1.25.

**The Express**—2½ ft., Bright scarlet crimson. Large broad flowers in immense trusses. This is the best dwarf red Canna. Postpaid each 20c. By express dozen \$1.50.

**Buttercup**—3½ ft., A true bright buttercup yellow, large. Postpaid each 20c; by express dozen \$1.50.

**Improved Mont Blanc**—Large pure white. The plant is very robust and carries its flowers well above the foliage. Postpaid each 20c; by express dozen \$1.50.

**KING HUMBERT**—Glant Flowered, Orange Scarlet, Bronze Leaf.

This remarkable "Gold Medal" Canna has been the sensation of the past six years. Of all the wonderful flowering and foliage plants introduced, this one takes the lead for size, color and habit. It is a cross between the Orchid flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other; the handsome leathery foliage with a strong, noble habit. It has the broadest leaves. Postpaid each 20c; by express dozen \$1.85.

### ORNAMENTAL CANNAS

**Tall Red Leaf Varieties**—Suitable for hedges, centers of flower beds, or screens. Flowers red. Each postpaid, 10c; 3 for 25c; by express doz. 50c.

## DAHLIAS

NOTE—We fill all orders with strong divided Dormant Roots.

Price of all Dahlias listed. Postpaid each 20c; six for \$1.00. By express, dozen \$1.50.



### SHOW DAHLIAS

#### GRAND DUKE ALEXIS

This is one of the most delicately beautiful of all Dahlias. Very large, perfect form, with long, thick, quilled petals overlapping at the ends. White, slightly tinged and suffused delicate lavender. Ethereally beautiful.

#### HOOSIER

A grand new Dahlia of a beautiful rose-pink color, with shadings of deep color, with shadings of deep rosy crimson. Early profuse bloomer.

#### QUEEN VICTORIA

Pure canary yellow. One of the freest bloomers. Good for cutting.

#### VIRGINIA MAULE

A most delicate blush or shell pink. The world's best shell pink. The immense flowers are borne with stately grace on long erect stems. The plant is very strong and vigorous growing 4 to 5 feet high, branching habit, blooming early and profusely.

**Robert Broomfield**—Pure snow-white, large size, very free bloomer; grand for cut flowers. We recommend this variety.

**Ruby Queen**—Rich ruby-red; very bright and dazzling. Fine, large flowers; long stems. Profuse bloomer.

### CACTUS DAHLIAS

**Aurora**—The color is a remarkable shade of rich golden amber, elegantly tinged and shaded with apricot and dark ruddy copper, shading lighter towards tips of petals, intensely beautiful and resembling in color a splendid afterglow.

**Charles Clayton**—The strongest words of praise are not extravagant when applied to this wonderful new Cactus. It is the ideal in color, form, length of stem and general good habits, beyond which it would seem little could be hoped for. The color is a most intense crimson, so vivid as to dazzle the eye; superb.

**J. H. Jackson**—This is without doubt the finest dark Cactus Dahlia. Its velvety black crimson-

maroon shade is very striking. Large and perfect.

**Kriemhilde**—A magnificent variety bearing perfect flowers of fresh delicate pink shading to deep rose pink. The center petals ultimately change to creamy white, giving the mature flower a captivating pink and white effect.

**Winsome**—Flowers are very large and beautiful with twisted, incurved petals and are borne on long, erect stems, holding the flower up in marked contrast to other white Cactus Dahlias.

Price of all varieties Cactus Dahlias. Fine Strong Roots, postpaid each 20c, six for \$1.00, dozen \$1.90. By express not prepaid each 15c; dozen \$1.50.

**SPECIAL**—Six Dahlias, your selection of any varieties listed, postpaid for \$1.00.

# SUMMER FLOWERING BULBS

## TUBEROSE

**Excelsior Pearl**—A favorite flower everywhere. This new sort is distinguished by its short robust stem completely covered by large blossoms fully twice the size of the old tuberose 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 dozen. By express not prepaid, 25c per dozen.

## CALADIUM

Also called Elephant Ears. An excellent decorative foliage plant with gigantic velvety leaves; of exceedingly rapid growth and tropical appearance. The leaves are often two feet long and a foot across.

**Good Sized Bulbs**—6 to 7 inches around. By mail postpaid, each 10c; 3 for 25c; By express 80c per dozen.

**Medium Bulbs**—8 to 9 in. around. By mail postpaid, each, 15c; 2 for 25c; By express \$1.25 per dozen.

## FALL AND WINTER BLOOMING BULBS

During October and November we carry a fine stock of IMPORTED Bulbs, Hyacinths, Tulips, Chinese Lillies, Narcissus, Crocus, Freesias, etc, that should be planted in the Fall for either outdoor or indoor blooming. Write us for prices.

## ROSE BUSHES

The first two weeks of April we can fill your order for fine two year old Tea and Hardy Rose Bushes, grown on their own roots. If interested in fine roses, write for prices and varieties.

## QUALITY PEONIES

The old-fashioned Peony officinalis in our grandmother's garden, while still popular because of their early flowering, have been eclipsed by the wonderfully improved sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position; which, however, is not absolutely necessary, as they thrive almost equally as well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest Roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equalled by any other flower.

An important point to observe in the planting of Herbaceous Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

### WHITE PEONIES

**Festiva Maxima**—Pure white flaked red; very large; early.

**Bride**—White barely tinged flesh; midseason.

**Mad Crousse**—Large, white; midseason; blooms freely.

**Charlemagne**—Lilac white with blush center. large; late.—Postpaid each 30c; doz., \$3.00.

### RED PEONIES

**Mons. Bellart**—Bright purplish crimson; tall; blooms freely.

**Marechal Vaillant**—Blood-red, very large, late.

**Pottsi**—A very dark, rich crimson; early; blooms freely.

**Nellie B. Beckett**—Bright deep rose tipped lighter; late.—Postpaid each 30c; dozen \$3.00.

**Mammoth bulbs**—10 to 12 inches around, each 25c; prepaid. By express, dozen \$2.25.

## GLADIOLUS

### Superb Mixture

Superb flowers, embracing a wide range of colors from delicate shades of pink and primrose to deepest crimson and maroon, also striped and variegated. Best mixture, including all colors and shades, striped and variegated. By mail postpaid, each 5c three for; 10c; 40c per doz. By express not prepaid 25c; per doz., 100 for \$1.50.

## LILLY OF THE VALLEY

The Lily of the Valley is one of those delicate, sweet little flowers, that not only easily win our love, but keep it forever. Very sweet and fragrant, a small bunch scenting up a whole room. Bloom early and very hardy; should be planted in a shady place. Best Berlin Pips, by mail postpaid, 6 for 25c; dozen 45c. By express not prepaid 100 for \$2.25.

### PINK PEONIES

**Mad. Forel**—Glossy pink, silvery reflex; medium tall; late.

**Floral Treasure**—Bright shell pink; blooms freely; mid-late.

**Duchesse d'Orleans**—Soft pink shaded salmon; blooms freely.

**Alexander Dumas**—Pink interspersed with salmon and chamois.

Postpaid each 30c; dozen \$3.00.

### PEONIES TO COLOR

Usually Called Mixed Peonies.

Our Peonies to color you will find unsurpassed. They are fine, large flowers, with rich colors.

**Best Mixtures of Double Bright Pink, Doz., \$2.00.**

**Best Mixture of Double Clear Rose, Doz., \$2.00**

**Best Mixture of Double White and Blush White, Doz., \$2.00.**

**Best Mixture of Double Red, Doz., \$2.00.**

**Best Mixture of Double Flowering, All Colors, Doz., \$2.00.**

**German Gris**—Prices include postage.

Half Dozen at Dozen Prices, all Postpaid.

**Black Prince, Very deep rich velvety royal purple**—Each 20c; Doz., \$2.15.

**Celeste Standards pale lavender, falls deeper; tall.** Each, 20c; Doz., \$2.15.

**Harlequin Milinai.** White flaked violet; large; very tall. Each, 15c; \$1.50.

**Mad Chereau, white frilled with violet; large; very tall.** Each, 15c; Doz., \$1.50.

**Queen of May, Total effect, almost pink; large, tall.** Each 15c; Doz., \$1.50.

**San Souci Standards golden, falls yellow veined crimson-brown.** Each, 15c; Doz., \$1.50.

**Sappho Standards deep violet blue, falls royal purple.** Each 15c; Doz., \$1.50.

**Speciosa Standards lavender purple, falls reddish purple.** Each 15c; Doz., \$1.50.



## REDING & CLARK'S QUALITY RED RIVER SEED POTATOES

**SEED POTATOES**—Grown in the famous Red River country of the north, are ahead of all others for quick early maturity, vigorous and great productiveness. There is no other place that can compare with the Red River quality of the north in producing the finest seed potatoes. Seed grown there always produces a vigorous growth, early maturity and large smooth tubers. Our entire stock is grown in the famous Red River country, and you can depend on a sure crop if you buy your seed from us.

As the price of Seed Potatoes varies with crop conditions, we give here the ruling price at the time our catalogue is issued, January 1st. Please write for firm prices on quantities.

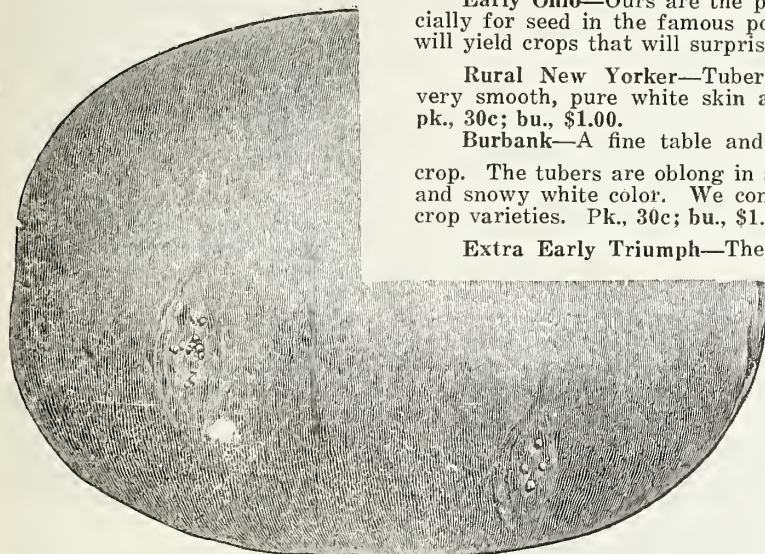
**Early Ohio**—Ours are the pure Ohio, carefully grown especially for seed in the famous potato country of the North, and will yield crops that will surprise you. pk., 30c; bu., \$1.00.

**Rural New Yorker**—Tubers nearly round flattened, with very smooth, pure white skin always attractive in appearance. pk., 30c; bu., \$1.00.

**Burbank**—A fine table and long keeping potato for main crop. The tubers are oblong in shape, flesh solid, of good flavor and snowy white color. We consider this one of the best main crop varieties. Pk., 30c; bu., \$1.00.

**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. Pk., 30c; bu., \$1.10.

**Early Red River Rose**—Medium early in season, large pinkish white, rather long, great yielder and fine quality. Pk., 30c; bu., \$1.00.



EARLY OHIO

## SEED SWEET POTATOES AND PLANTS

### BIG STEM JERSEY

#### THE QUALITY YELLOW SWEET POTATO

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. 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 a number of seasons and will say that we know of nothing better in Sweet Potatoes. Postpaid, lb., 10c; 3 lbs., 25c. By express or freight ½ pk., 35c; pk., 50c; bu., \$1.85.

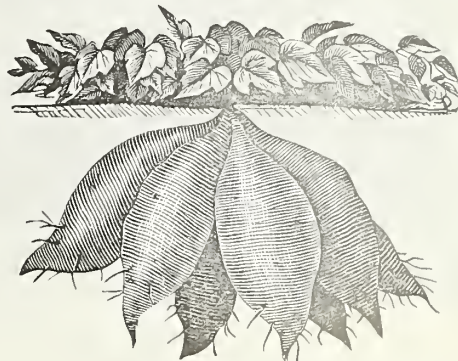
### PROVIDENCE

#### THE SATIN SKIN SWEET POTATO

In color the Providence is 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. Postpaid, lb., 10c; 3 lbs., 25c. By express or freight ½ pk., 30c; pk., 50c; bu., \$1.85.

### EARLY GOLDEN

An early variety of especial merit. Skin light yellow. Flesh whitish yellow, and very solid. Because of its earliness a fine market variety. Postpaid lb., 10c; 3 lbs., 25c. By express or freight, ½ pk., 30c; pk., 50c; bu., \$1.75.



BIG STEM JERSEY

**Southern Queen**—A large white potato of good flavor and a good yielder. Postpaid lb., 10c; 3 lbs., 25c. By express or freight ½ pk., 25c; pk., 45c; bu., \$1.60.

We also carry the following standard varieties. Red Bermuda, Red Jersey, Yellow Yam, Bunch Yam.—Price ½ pk., 25c; pk., 45c; bu., \$1.60.

Yellow Nausemond and Yellow Jersey—Price ½ pk., 40c; bu., \$1.45.

### SWEET POTATO PLANTS

Plants of all varieties listed above. Postpaid 100 for 35c; 300 for \$1.00. By express not prepaid 100 for 20c; 1000 for \$1.75.



## Reding & Clark's Quality Seed Corn

Our Quality Seed Corn is all grown for us in this locality and Saline County, the banner corn County of Missouri. Each variety listed is carefully sorted, hand nubbed and tipped, grided on special machinery, well cured and tested and is sure to please you.

### OUR GUARANTEE

We guarantee each variety of our seed corn, to be exactly as represented, and if on arrival and examination you are not perfectly satisfied just ship it back and we will gladly refund your money and pay freight charges both ways.

### COST OF GOOD SEED

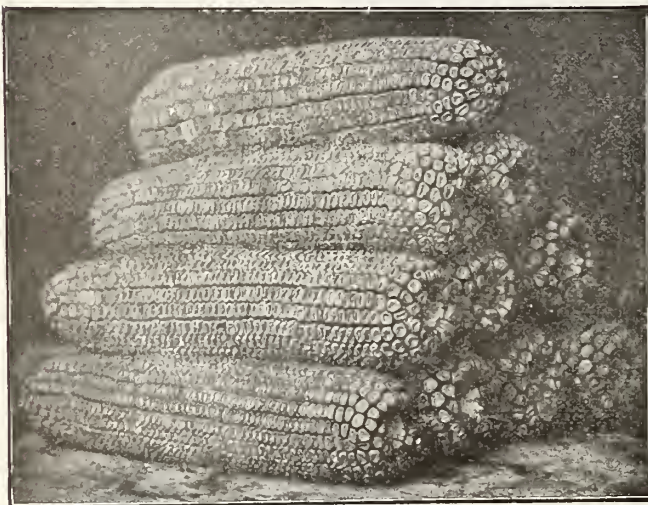
One bushel of seed corn will plant from 6 to 8 acres, according to variety and planting. Our Quality Seed Corn will cost you from 25 to 35c per acre and the increase yield per acre you will gain by planting Good Seed Corn, over poor corn is so great that the cost dwindles down to nothing. Just stop and consider, it requires about five bushels of seed corn to plant forty acres, if you

use your own seed it is worth market price, say about 75c per bushel, now if your time and labor is worth anything, it is easily worth 25c per bushel, select and hand nub and tip and shell ready for planting, a total cost to you of about \$5.00.

Now if you order our Quality seed corn from us: it will cost about 30c per acre, that makes the cost for the forty acres about \$12.00, just \$7.00 more than if you planted your own corn. If the increase in yield is only one bushel to the acre, it would mean forty bushels which at 50c per bushel equals \$20.00. Now we can name you hundreds of instances where the increase has been ten to twenty bushels per acre, by planting R. & C's Quality Seed Corn over common crib selected corn, the above arguments are facts, be honest with yourself and plant the very best seed corn obtainable, no matter if it does cost you a little more on the start.

R. & C's Quality Seed Corn is an investment not an expense and pays you big dividends.

## REDING & CLARK'S JUMBO A GRAND LARGE EARED, DEEP GRAINED YELLOW CORN



REDING & CLARK'S JUMBO

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 a yellow corn that is strictly right, plant Jumbo

Our stock of seed is strictly first class. By mail postpaid 1 lb., 20c; 7 lbs., (enough for 1 acre) \$1.00. By express or freight qt., 15c; 4 qts., 40c; pk., 65c; 1 bu., \$2.25; Larger quantities \$2.15 per bu. Bags Free.

## REID'S YELLOW DENT

Reid's Yellow Dent—If any seed grain can truly be called pedigreed the Reid's Yellow Dent Field Corn is certainly entitled to be known as such, 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 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. Reid's Yellow Dent Corn has won more blue ribbons at the large corn shows than any other variety. By mail postpaid 1 lb., 20c; 7 lbs. (enough for 1 acre) \$1.00, By express or freight, not prepaid, 1 pk., 60c; bu., \$2.00. Larger quantities \$1.90 per bushel. Bags free.

R. & C's Jumbo combines all of the good points found in other large eared varieties as well as special points of its own, such as extremely deep kernels, strong rugged stalks, very profuse, wide blades, making it one of the best ensilage, as well as a fine large yielding feeding variety.

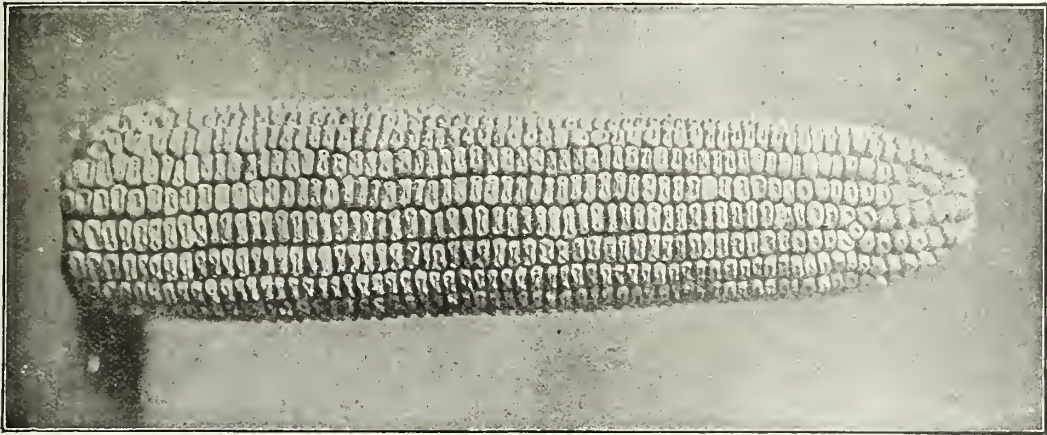
We first offered this new variety five years ago and it has certainly exceeded our expectations. Our description of Jumbo Field Corn consists of plain statements and simple facts.

Large ears, having 18 to 20 rows of grains. Length from 9 to 11 inches. Very deep grains. Color yellow. Kernels dented and rows run very even on the cob. Matures in 100 days. This corn as a whole, is indicative of its name and will certainly surprise you by the depth of its large kernels, the amount of shelled corn from a bushel of ears, and its yield per acre.



## IOWA GOLD MINE

ONE OF THE EARLIEST TO MATURE, STRAIGHT ROWS AND DEEP GRAINS. THE VERY BEST MEDIUM EARLY YELLOW VARIETY



Iowa Gold Mine is a medium early, ripening between the extra earlies and late varieties. Is a favorite with every farmer who has ever planted it. Ripens in about 100 days, ears good medium size, with very deep grains of the purest yellow gold it is possible to conceive, cobs very small, therefore dries out quickly. One bushel 70 lbs., of ears will shell out sixty to sixty-two pounds of shelled corn. produces almost no barren stalks at

all, each stalk bearing from one to two ears averaging nine to ten inches in length. Iowa Gold Mine is the best known of all yellow varieties, and has succeeded in more states and foreign countries than any other variety. Our seed of this variety for this season is certainly fine. Price Postpaid, 1 lb., 20c; 7 lbs., (enough for 1 acre) \$1.00. By express or freight not prepaid. Pk., 60c; bu., \$2.00. Larger quantities \$1.90 per bu.

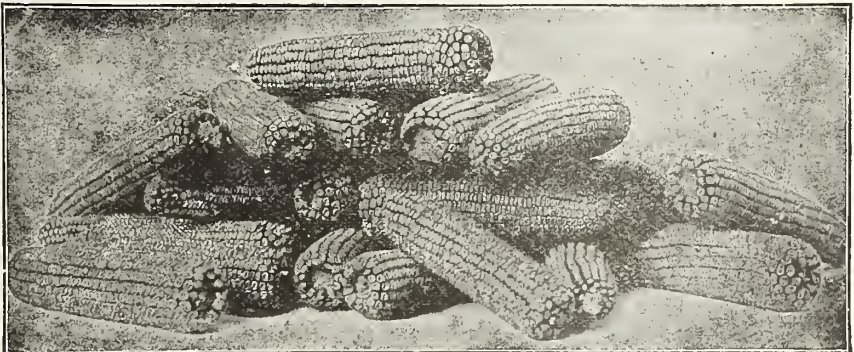
## REDING & CLARK'S GOLDEN ROD

Grains as yellow as gold. A revelation in an early Big Yielding Yellow Corn.

R. & C.'s Golden Rod Corn will outyield any early yellow corn you have ever grown. The best money making variety you could possibly plant.

R. & C.'s Golden Rod corn has the deepest grains, and will shell out 62 to 64 pounds of shelled corn to the 70 pound bushel of ears.

Description—Matures in 95 days. Ears 9 to 11 inches in length and



### REDING & CLARK'S GOLDEN ROD

grow just the right height, 3½ to 4 feet high on the stalk; stalks 7 to 9 feet tall, depending on the ground. Blades broad, and lots of them. Grains very deep and as yellow as gold. Rows straight as a string, cob very small, and on this account the ears dry out very fast. No barren stalks. Each stalk produces one to two ears of the finest yellow corn that is possible to imagine; yield enormous. This corn will fill your crib. Resist drought better than any other variety we know of. Our stock of Golden Red Corn is limited. Order early and when the seed reaches you, if you don't say it is the finest yellow corn you hve ever seen, just send it back and we'll pay freight charges both ways. Price, by mail postpaid, 1 lb., 20c; 7 lbs., (enough for 1 acre) \$1.00. By express or freight, not prepaid, 1 bu. \$2.25. Larger quantities, \$2.15 per bu.

## BLOODY BUTCHER

An old standard and a mighty good variety.

Description—This productive, large kernalled corn matures in about 120 days from planting. The ear tapers slightly, is well formed, and averages 9 to 11 inches long, 7½ to 8 inches in circumference, and weighs 14 to 18 ounces each. The ears contain 14 to 18 rows of beautiful dark

red kernels, capped slightly with yellow; large size; set closely on a red cob of medium large size, with a well developed ear shank. It is a good drouth resister. Price by mail postpaid 1 lb., 20c; 7 lbs., (enough for 1 acre) \$1.00. By express or freight, pk., 60c; bu., \$1.90; larger quantities at \$1.80 per bushel.



## REDING & CLARK'S WHITE GIANT

The One Best Big White Corn for good soil

If you have an extra good piece of land and want to make a record breaking yield plant white Giant.

White Giant out-yielded any variety of white Main-crop corn planted in this section the past season.

Description—Matures in about 110 days. Ears extra large averaging 20 rows of Pure white deep kernels, weight of ears one to one and one-fourth pounds each. Stalk very large, and cov-

ered with broad blades, making it an excellent ensilage variety. Root growth very strong, filling soil with a great net work of feeders. Length of ears average 10 to 12 inches. White Giant corn, with its large ears and big yields is the best main crop white corn we know of.

Our stock of this variety this season is limited. Better place your order early. Price by mail post paid, 1 lb., 20c; (7 lbs. enough for 1 acre \$1.00). By express or freight. Pk., 70c; bu., \$2.25. Larger quantities \$2.15 per bushel.

## 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.

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 the depth of grains, gives it a remarkably high shelling percentage. Kernels that are of ideal shape, creamy white color, moderately rough with large germ. A very strong vigorous stalk, eight to ten feet high, with the percentage of weak and barren stalks reduced to the minimum. Price, by mail postpaid, 1 lb., 20c; 7 lbs., (enough for one acre) \$1.00. By express or freight, pk., 60c; bu \$2.00. Larger quantities \$1.90 per bushel.



BOONE COUNTY WHITE

## ST. CHARLES WHITE

This excellent variety of white corn was originated in St. Charles County Mo. and is very popular.

DESCRIPTION—The St. Charles White is a pure variety of white corn set on a red cob, and this corn appears to make a finer and better grade for milling purposes and for corn meal than al-

most any other sort. The ears are usually eight to ten inches long, 16 to 18 rows of deep broad kernels being rounding. The stalk grows from 8 to 10 and 12 feet high, the lowlands and bottom producing the taller stalks; the stalk growing broad succulent blades, thus making it very desirable for grain, fodder or for ensilage purposes. Price the same as Boone County White.

## IOWA SILVER MINE

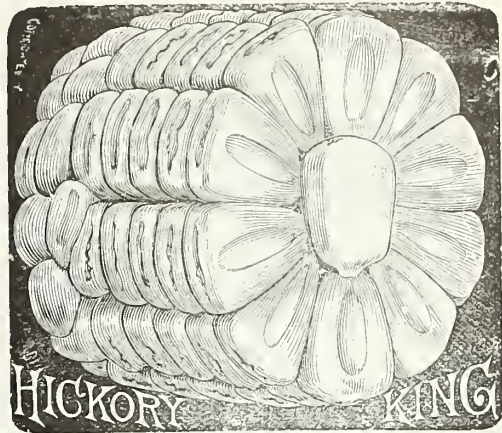
Stalk grows to height of about seven or eight feet, and sets the ears about three and one-half to four feet from the ground, just the right height for easy picking. One peculiarity which will be noticed in going over the fields is that there are no barren stalks; every one has an ear, many stalks have two or three good ears. Type is very even. Ears measuring from ten to twelve inches in length, and weighing one and one-half pounds, are often found. The ears are very uniform in size and shape, with sixteen to twenty straight rows of deep, pure white kernels

set on small, white cob, and ears are well filled out over the tips. It is early, maturing in ninety-five days. The cob dries rapidly, so that it is ready for market earlier than any other standard white field corn. Seventy pounds in the ear will make sixty-two pounds shelled. It is adapted to a wider range of soil and climate than any corn ever offered. It is a distinct type, hardy and a great drought resister. price, by mail postpaid, 1 lb., 20c; 7 lbs., (enough for 1 acre) \$1.00, by freight or express, not prepaid, Pkt., 60c; bu., \$2.00; Larger quantities at \$1.90 per bushel, sacks free.



# 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. Frequently grows with two ears to the stalk. Price by mail postpaid 1 lb., 25c; 7 lbs., (enough for one acre) \$1.00. By freight or express pk., 70c; bu., \$2.50, larger quantities \$2.35 per bu.



# POP CORN

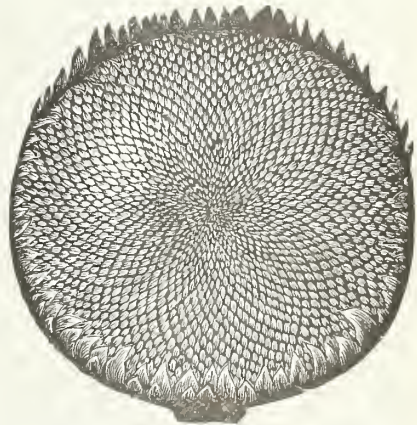
A very profitable crop both for old and young people. Let the boys and even the girls plant an acre or two of pop corn, they will find it very profitable. Our seed is especially selected for purity and is perfect germination.

**White Rice**—Widely cultivated and used more than any other sort. Short ears, with long pointed kernals. Very productive.

**Queen's Golden**—The largest sort, Stalks grow 5 feet to 6 feet high, producing two to three large ears each. Pops perfectly white. The yield of this variety in ear corn to the acre is equal to any of the larger varieties, as it can be planted much closer than larger varieties of corn.

**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.

Prices all above varieties by mail postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c; freight or express, lb., 10c; 10 lbs., 90c. Larger quantities at 8c per lb.



## QUEEN'S GOLDEN MAMMOTH RUSSIAN SUNFLOWER

### UNEQUALED AS AN EGG FOOD FOR POULTRY

Mammoth Russian Sunflower produces very large heads, often twenty inches across, which are completely filled with striped grains. It makes an enormous yield of seed. It is a good food for stock and cannot be equaled as a food for poultry. Plant when the ground becomes warm, at the rate of two pounds per acre.

Price postpaid by mail. Pkt., 10c; lb., 20c; 3 lbs., 50c; by express or freight, lb., 15c; 2 lbs., 25c; larger quantities at 10c per lb.

MAMMOTH RUSSIAN SUNFLOWER

## QUALITY NEW CROP RECLEANED GRASS AND CLOVER SEEDS

**NOTICE**—Prices on Grass, Clover, Alfalfa, Millet Seed and all field seeds are so fluctuating in value that it is impossible to foretell future prices. Prices given in this catalogue are those ruling at the time it goes to press, during December, better write for firm prices a week or so before you need the seed, we will take pleasure in quoting lowest possible prices, and if you wish we'll gladly mail samples for your inspection. We have a modern, strictly up to the minute recleaning plant, and pride ourselves on the high grade Grass, Clover and Field Seeds which we are able to supply.

If you are in a hurry for the seed, send in your order, and if the price of the variety or varieties you want is lower than catalogue price, we'll gladly put in enough extra seed to give you full value for your money. If price is some higher, we will ship full value for every cent you send. **PRICES GIVEN INCLUDE SACKS FREE.**

Prepaid postage. At prices listed we prepay postage on Grass and Clover and in one and three pound lots. If small lots are wanted by express or freight, deduct 10c per pound from one pound prices.



# Sweet Clover Mellilotus Alba

## THE WHITE BLOSSOM KIND

"Sweet Clover hay has much the same feeding value as Alfalfa, and more than that of Red Clover. Animals show a marked fondness for the hay after becoming accustomed to it (which by the way is usually a matter of education). Its ability to improve soils lies not only in gathering nitrogen from the air and storing it in the earth where grown, as do other legumes, but also in its uncommonly large roots penetrating to considerable depth, perforating and sub-dividing the subsoil. Decaying they contribute humus and the innumerable openings they cause admit air, light and moisture. Used for green manuring, its value as a soil improver is still greater. Sweet Clover yielding 6½ tons of dry matter would furnish as much humus forming material as 24 tons of barnyard manure. Those who have had experience

with it are praiseful of Sweet Clover for pasture and hay. It provides early and late grazing about equal to Alfalfa and Red Clover, but without their tendency to bloat. In the second year after planting it is ready to graze upon as early as mid-April, and may be used the first year until killing frost." No other clover or grass can be pastured successfully the first season.

Protein is the most expensive constituent of farm feeds. Comparative analysis of sweet clover, alfalfa, red clover, timothy and cow peas showed that only the alfalfa and cow peas excelled sweet clover in percentage of protein, the alfalfa by one per cent and the cow peas by three per cent. Considered from the standpoint of digestible nutrients, we find the following comparative values for the different feeds:

	Per Ton
Sweet Clover hay.....	\$18.49
Alfalfa hay.....	20.16
Timothy hay.....	9.80
Red Clover hay.....	14.12
Cow-pea hay.....	19.76
Shelled corn.....	20.16

## Quantities of Sweet Clover Seed to be Sowed Per Acre

If for seed purposes 10 lbs. For hay purposes

18 to 20 lbs.

We have at the present time a fairly good supply of Sweet Clover. Would advise that you place your order very early, as there will be an immense demand for it this season.

by the bee keepers. Sow 7 lbs., per acre. Postpaid, lb., 35c; 3 lbs., \$1.00. By freight or express, 10 lbs., \$2.25. Bu., \$11.00.

We carry both the hulled and unhulled seed. About the only difference in the two is that the hulled seed will Germinate a little quicker. Price of hulled seed. Postpaid, lb., 40c; 3 lbs for \$1.00. By freight or express, 10 lbs., \$3.00. Larger quantities at 27c per pound.

Unhulled seed, postpaid. lb., 35c; 3 lbs., 90c; by express or freight, 10 lbs., \$2.50, larger quantities, 22c per pound.

## MEDIUM RED CLOVER

This is the most important of all clovers and the standard everywhere for hay and pasture. It is known as common Red or June Clover in many sections. Our Quality Grade clover seed has become widely known for its purity, strong vitality, hardiness, vigorous and healthy growth, and stooling qualities. Well-posted farmers are beginning to appreciate the difference between Quality high grade and low grade, weedy, trashy seed that would be dear at any price. Our Quality Grade is the Cleanest, Plumpest Purest grade of high germination. Postpaid, lb., 30c; 3 lbs., for 80c; by express or freight, 10 lbs., \$2.00; bu., \$11.50.

## CRIMSON CLOVER

Adapted only for late summer and fall seeding

Farmers should take every available means of sowing all their vacant lands in Crimson clover, as it makes a fine winter cover crop—an excellent grazing crop during the winter and early spring—the earliest green feed—an excellent hay crop and a splendid soil-improving crop to plow under early to be followed by corn, or other crops of the same year.

A crop of Crimson clover plowed under is equal to an application of stable manure. It makes land rich and mellow, fills it with humus or vegetable matter and increases the yield of corn, or other crops which follow it, to a wonderful extent Sow at the rate of 15 lbs. per acre, broadcast in July or August or September, Crimson clover is very successfully sown at the last working of corn. Postpaid, lb., 30c; 3 lbs., 75c; By express or freight 10 lbs., \$1.75; bu., \$9.00.

## MAMMOTH OR SAPLING CLOVER

This is similar to Red Clover, both in the appearance of the seed and its habits of growth, the difference being that it usually grows larger and is later in maturing. It is considered superior as an improver on account of the extra growth. It is a good variety for thin soils, or to seed with Timothy or Red Top, as it matures about the same time as these grasses. Sow ten to twelve pounds per acre by itself or with Timothy. Six pounds of Clover and eight pounds of Timothy will give a liberal seeding. Postpaid, lb., 35c; 3 lbs., 90c. By express or freight, 10 lbs., \$2.25; bushel, \$12.00.

## Alsike or Swedish Clover

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

## WHITE CLOVER

A small headed white species exceedingly desirable for mixing with lawn grass seeds. Although it is not a heavy producer it is of great value for use in permanent pastures, as it affords a most nutritious food for sheep and cattle. This variety will succeed in almost any soil. About six pounds are sown to the acre. Postpaid, lb., 45c; 3 lbs., for \$1.25. By express or freight, 10 lbs., \$3.50.



# ALFALFA, The Profitable Hay Crop.

Yields Three to Four Cuttings a Year.

Alfalfa will yield more cuttings and larger yield of splendid, nutritious hay, on soils to which it is adapted, than any other crop. Its use in Virginia and other Southern States is increasing rapidly.

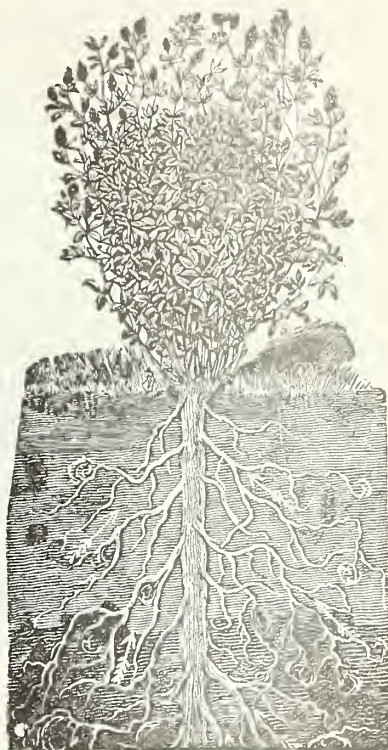
After Alfalfa is once established it lasts for years as much as three or four cuttings per season, of most excellent and nutritious hay, which is readily salable at top prices. It is better to have five acres well set in Alfalfa with thorough preparation, than to attempt to put in ten acres without first-class preparation. Alfalfa will do well on any good loam soil, but the land must be well and thoroughly prepared. A heavy application of lime is of decided benefit, the most successful raisers of Alfalfa using as much as 2,000 to 5,000 pounds per acre. It is also preferable to sow Alfalfa on land that has a porous or gravelly sub-soil that the roots can penetrate. Alfalfa is a deep-rooting plant, and will give best results on soils of this character.

**BEST TIME AND METHODS OF SEEDING**—Alfalfa can be advantageously sown in this section in the spring, any time during March or April. Further South, earlier seedings are advisable. A satisfactory stand secured from spring seeding will furnish one or two good cuttings this year, and full cuttings the following year. Alfalfa should always be cut before coming into full bloom, and from seed sown either in the fall or spring the first cutting should be made even before it reaches this stage of development. Cutting thickens Alfalfa, provided it is done before the plant attains its full growth, and it not only makes a better quality hay, but causes it to stool out better, thus thickening the root growth and improving the stooling-out properties.

The seed is usually sown broadcast, at the rate of 20 lbs to the acre. When sown in the fall, August and September are the best months for seeding. A firm seed bed is of first importance.

Owing to a short seed crop the past year. Alfalfa seed is much stronger in price for this season. Considering Quality, you will find our Quality

Grade Seed to be as cheap in price as it is possible to procure the highest grade, native grown Seed, postpaid, lb., 35c; 3 lbs for 90c. By express or freight, 10 lbs., \$2.00, bu., \$11.25.



ALFALFA

## Reding & Clark's Quality Grass Seeds

Our Quality Grade Grass Seeds are the Purest, Plumpest, Cleanest, Highest Germination that it is possible to obtain.

### SUDAN GRASS

The Great New Draught Resisting Grass.

Sudan Grass is absolutely new and one of the best grasses we know of. It closely resembles Johnson Grass, hence the great importance of genuine seed. However, Sudan Grass must be re-seeded every year and does not spread rapidly like Johnson Grass and has a sweet taste and is very palatable to stock. Sudan grass is very closely related to the cultivated sorghums and hybridizes with them readily. The fact that it has not rootstocks places it nearer the cultivated Sorghums than is Johnson grass, which for many years has been credited by some botanists with being the wild prototype of the sorghums.

Sudan grass when seeded broadcast or in drills averages about 3 to 5 feet in height and has stems a little smaller than a lead pencil, being about three-sixteenths of an inch in diameter. If grown in rows and cultivated it reaches a height of 6 to 9 feet, and the stems are larger than usual, being about one fourth of an inch in diameter. The leaves are broad and numerous giving the grass a very great value as a hay plant. Sudan grass is not at all exacting in its soil requirements. It does best on a rich loam, but it has been grown successfully on almost every class of soil from a heavy clay to a light sand. Where the soil is

Introduced from Khartum Sudan In 1909.

quite sandy, however, the yield may be expected to be light. To do well, the ground must be fairly well drained.

Sudan Grass requires a fine seed bed and seeding should be done after the soil has become warm, about corn-planting time or a little earlier. When sown in cold soil the result is usually a poor stand or slow growth for several months, so that in the end no advantage has accrued from the early seeding. In seeding broadcast or in rows with a wheat drill, about 20 pounds of seed are required for an acre. In planting for seed it is drilled in rows wide enough apart to allow of cultivation, using 2 to 4 pounds per acre. Sudan Grass stools wonderfully, as many as 100 stalks from one seed have been found, and this combined with the fact that 2 to 3 crops can be cut from one seeding in a season places this wonderful grass ahead of all others.

Sudan Grass is strictly an annual and must be seeded each spring. We urge our customers to try this new grass this season, and be convinced of its many excellent points of superiority. Our stock is absolutely pure and first class in every way. Postpaid, Pkt., 10c; ½ lb., 40c; lb., 75c; 3 lbs., \$2.00. By express or freight, lb., 60c; 5 lbs., \$2.75, larger quantities, 50c per pound.



## R. & C.'S "PERFECT" LAWN GRASS SEED

Absolutely the best Lawn Grass Seed that experience can suggest or 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.



REDING & CLARK'S "PERFECT" LAWN GRASS SEED

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 Seed are included only the very best varieties—pure, clean and free from fowl seed. For New Lawns sow 1 pound to each 25 feet square. Postpaid, lb., 30c. By express or freight, lb., 25c; 10 lbs., \$2.25; larger quantities, 20c; per pound.

### ORCHARD GRASS

Orchard Grass is a very vigorous grower, and will last for years in increasing value with proper treatment. It is succulent and nutritious, and when mowed requires only a few days of seasonable weather to start it growing again. Orchard Grass is excellent as a pasture grass, and succeeds in shady situations, such as orchards, parks, etc. better than most other grasses. Orchard Grass succeeds and grows upon nearly all soils that are not saturated with water. It does best, however, on loamy uplands or moderately stiff soils, although it will succeed very well even on soils that are inclined to be of a sandy texture. It matures early, and is excellently adapted for sowing with Red Clover, and this mixture is very highly recommended. Orchard Grass fields can be kept in a continuous state of productiveness, provided a light seeding is made early each spring; should any bare spots appear in the field, an occasional top dressing of stable manure during the winter or ground bone or fertilizer early in the spring will fully maintain its productiveness.

Orchard Grass can be sown either in the spring or fall, although it is best sown in the spring. Sow at the rate of 1 to 1½ bushels per acre. Quality Grade, postpaid, lb., 30c; 3 lbs., for 75c. By express or freight, bushel \$2.40. Larger quantities \$2.30 per bushel.

### Meadow Fescue or English Blue Grass

Meadow Fescue—Adapts itself to different conditions of soil and climate and does well all over the United States and Canada, and is also highly valued and largely cultivated throughout Europe. It gives a large amount of early and late feed of good quality, and yields from one to two tons of

hay per acre, which is of fine quality and very nutritious. As a pasture grass it is particularly valuable, as it is a persistent grower, and one of the earliest in spring and the latest in the fall. It rarely freezes out or winter-kills, and is very little affected by drouth. It grows well in loamy lands and clays, having fibrous roots running down eight to fifteen inches in the soil. **Quality Grade, Postpaid, lb., 25c; 3 lbs for 65c. By express or freight, bushel (24 lbs.,) \$3.00. Larger quantities \$2.90 per bushel.**

### BERMUDA GRASS

Very fine for binding loose and dry soils. The habits of this grass is to set roots at each joint that touches the ground, thereby forming a complete sod. Furnishes excellent pasture. Is decidedly a summer grass, as it does not start off until ground is thoroughly warm in the spring, and turns to a buff color after killing frost in the fall. We believe this grass will help solve the pasture question during the hot dry summer months. Sow during May or June. Also valuable in some sections as a lawn grass. Sow 3 to 5 pounds to the acre. Postpaid, lb., 90c; 3 lbs., \$2.50.

### TIMOTHY

Is so well known that it needs hardly any description. There is scarcely a variety of natural or tame grass that is so generally cultivated as this. It is suited to moist, rich land, where it grows to perfection and yields under favorable circumstances large crops of hay. If cut in season, which is at flowering time, it makes a most splendid nutritious hay. Not so good for pasture as its growth is not thrifty and close pasturing is injurious to it. **Quality Grade Postpaid, lb., 20c; 3 lbs., 50c. By express or freight, bu., \$4.50. Larger quantities, \$4.40 per bushel.**



## KENTUCKY BLUE GRASS

The universal pasture grass of America and the finest lawn grass in the world is our own Kentucky Blue Grass. It starts like magic with the first smile of spring, and is a velvet of green until winter comes again. It can be sown on the wild prairie and will catch, but the best results are to be had by getting the seed well covered. The seed we offer is strictly high grade, new crop, clean and pure. Quality Grade. Postpaid, lb., 30c; 3 lbs., 75c. By express or freight, bu., (14 lbs.,) \$2.50. Larger quantities, \$2.25 per bushel.

### RED TOP

This grass is especially suited to low, wet spouty lands; is in fact the only grass which is a real success on such soil. It stands our winters, can be sown on wet land without cultivation, and will catch. Into the wet soil it spreads its network of roots, tames the land and in a few year makes a deep substantial sod. Red Top is fast becoming recognized as one of our best pasture grasses, producing a great amount of fine pasture and withstanding a world of hard tramping.

Red Top is also very fine for lawns. Quality

Grade, postpaid, lb., 45c; 3 lbs., \$1.25. By express or freight, bu., (14 lbs.,) \$4.25. Larger quantities, \$4.15 per bushel.

## English or Perennial Rye Grass

A quick-growing, very early maturing grass, which furnishes good grazing and hay, and does very well in mixtures with grasses like Orchard. It makes the quickest growth of any of the grasses, and for a grass to make a quick, leafy sod will give the most satisfactory results. When sown by itself, sow 30 pounds per acre, either in the spring or fall. Quality Grade, postpaid, lb., 25c; 3 lbs., for 65c. By express or freight, bu., (14 lbs.,) \$1.75. Larger quantities, bu., \$1.65.

## Italian Rye Grass

Recommended principally for fall seeding. Yields three or four cuttings per year of most nutritious hay; a very valuable grass, particularly adapted for rich loamy soils, or low grounds, does better in damp situations than other grasses. Quality Grade, postpaid, lb., 25c; 3 lbs., for 65c. By express or freight bu., (14 lbs.,) \$1.75. Larger quantities \$1.65 per bushel.

# Permanent Meadow and Pasture Mixtures

Our Grass Seed Mixtures are made up entirely from the best fancy grades grass and clover seeds, are re-cleaned and free from all weeds, seeds chaff and dirt.

## R. & C.'S COMBINATION GRASS AND CLOVER MIXTURES

### FOR BOTH HAY AND PERMANENT PASTURE

For use on reasonably rich, well drained soils. It affords enormous crops of hay of the finest quality and highest feeding value, and after same is cut, continuous and abundant pasturage of the richest and most nutritious character until winter sets in. It will stand for years and may be used either for pasture exclusively or hay and pasturage, as varying conditions suggest.

We stake our reputation on this mixture, not only as to the purity and germination of the seeds used, but as to the satisfaction it will give to those who purchase.

Owing to the deep, rooting and spreading character of many of the varieties employed, fields sown with this mixture, will, during periods of drought, look fresh and green while other meadows and pastures are dry and burned. Sow 16 to 20 lbs., to an acre. Price, 100 lbs., \$14.00; 25 lbs or less at 15c lb.

## Reding & Clark's "Special" Rough Land Pasture Mixture

This mixture is composed entirely of grasses and clovers that are especially adapted to rough, stony and brush lands. It will furnish an abundance of fine pasture from early spring until late fall, and open winters it will give you pasture all season. This mixture contains seven different varieties of grass, each adapted to this kind of lands, and each variety is the very best grade of re-cleaned seed. Sow 15 to 20 lbs to an acre. Price 100 lbs., \$14.00; 25 lbs or less 15c per lb.

## Timothy and Alsike Clover Mixture

This is a better combination for either pasture or meadow than Medium Red Clover and Timothy as they will flower and ripen at the same time.

The seed that we offer has been raised together, and both the same size, they cannot be separated so that we have to sell it at a reduced price. The seed contains one-fourth Alsike Clover and the balance timothy or as near in that proportion as we can tell, which is just the proper proportion of sowing. It should be sown at the rate of 8-10 pounds per acre. Postpaid. Lb., 30c; 3 lbs., for 75c; by express or freight, lb., 20c; 10 lbs., \$1.65; 100 lbs., \$14.00.

## The Improved German Soil Inoculator, Nobbe-Hiltner Process

# "NITRAGIN"

Pure Culture. The Simplest Safest and Surest System of Soil Inoculation For All Legumes.

"NITRAGIN" is packed in 1 acre and 5 acre size cans and is sold at a uniform price of \$2.00 per can for the one acre size and \$9.00 per can for the 5 acre size. Postage extra at 10c per acre. Write for special catalogue.



# QUALITY FARM SEEDS

Write for special prices on large quantities

Our Farm Seeds are New Crop, re-cleaned, tested for germination and strictly first class in every way.

## COW PEAS

The Great Soil Improver—Make Poor Land Rich—Make Good Land More Productive—Also Make a Splendid and Nutritious Green Forage or Hay Crop, Enriching the Soil Even When the Crop is Cut Off

Prices subject to change, Write us when ready to purchase.

### EARLY WHITE BLACKEYE

An early variety growing more in bush form. Thus holding the pods up, well off the ground. Peas white with a blackeye and are very fine for table use, both in the dry state or when shelled in the Green state. White Blackeye Peas make a wonderful yield in peas as well as hay and when they become better known in the middle west, will undoubtedly become one of the most popular sorts. Postpaid, qt., 25c; By express or freight, pk., 95c; bu., \$3.25.

### NEW ERA

An early maturing variety which has proved very popular and satisfactory. It is upright growing quick to mature, and remarkably prolific of peas. The vines cure easily, making splendid dry foliage. The seed are smaller in size than the ordinary cow-pea, so that it does not require as many to seed an acre, from three-fourths to one bushel per acre will give ample seeding. Postpaid lb., 20c; 3 lbs., 40c. By express or freight, pk., 60c; bu., \$2.25.

### WHIPPOORWILL

A favorite, early 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 qt., 25c. By express or freight, pk., 70c; bu., \$2.50.

### CLAY

A favorite variety in some sections of the South. Makes a vigorous 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 qt. 25c; By express or freight, pk., 70c; bu., \$2.50.

### GALLAVANT OR LADY

This is an old-fashioned pea which is very popular in sections where it is known. The peas are small in size, of very fine flavor; superior in table qualities to the Blackeye Pea. It is very prolific and a desirable variety to grow. It is known in some sections as "The Lady Pea". Postpaid qt., 30c; By express or freight pk., \$1.25; bu., \$4.50.

## SOY OR SOJA BEANS

The King of Forage crops. The use of this crop is increasing rapidly everywhere and it is proving to be one of the most valuable and important forage and feed crops known. Its great value is when sown broadcast, and cut and cured for hay. Soja beans, both for forage and bean crop are very nutritious, containing more oil and fattening properties than any other similar crop. In fact, the soja bean is practically the only crop that furnishes a balanced ration in one crop, and our farmers report that they do not find it necessary to feed corn, cotton-seed meal or any oil foods whatever, when feeding soja beans.

As a feed for live stock, whether grown for the hay or for the beans, threshed to feed with some other grain, its value cannot be overestimated. As a fertilizer it is equal to clover. Any good corn soil will grow Soy Beans. The plant is not molested by insects of any kind. The yield of beans is from 10 to 20 bushels per acre. In feeding value they are richer than linseed meal. When fed to milch cows, using three or four pounds per day, along with other feed, the milk yield will be doubled. When grown for the beans, they should be drilled in rows and cultivated like corn, using about one-fourth 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 corn planting time.

### HOLLYBROOK EARLY SOJAS

Makes a quicker growth and mature their crop two to three weeks earlier than the Mammoth Yellow Soja. It also makes fully as large a yield, both of forage and peas, and the added advantage of its earliness makes it a most distinct and valuable acquisition. It is admirably adapted for growing in mountainous sections and through the North and West, where the seasons are shorter than our own. It is a sure cropper and a vigorous, quick growing variety. Sown as a forage or hay crop, it is much easier to cure and handle, and makes an even more nutritious crop than cow-peas. Price, postpaid per pkt., 10c; qt., 25c; by express or freight ½ pk., 40c; pk., 65c; bushel, \$2.50.

### MAMMOTH YELLOW

One of the largest known varieties of Soja Beans. Produces a world of foliage and beans. Grows to a height of three or four feet and bushes are covered from top to bottom with pods. One of the best varieties for this climate. Price, postpaid, pkt., 10c; qt., 25c. By express or freight ½ pk., 35c; pk., 60c; bushel, \$2.25.



## FETERITA

Feterita grows about five feet high on an average, and a crop of it growing looks very much like a crop of kaffir. The heads grow up straight like kaffir and are a little larger around but not quite so long. The grain is white like kaffir and about twice the size. The grain is softer than kaffir or milo grain and is liked better by all kinds of stock. Feterita matures from 15 to 20 days earlier than kaffir and is therefore well adapted to countries with short seasons, or can be grown as a second crop where the seasons are long, after the wheat or oat crop. After being tested in Western Oklahoma for three years, it has been found a much greater drouth resister than kaffir or milo. Feterita has the same feed value for feeding all kinds of stock or poultry that kaffir or milo has.

### Method of Planting.

Feterita should be planted in rows 3½ feet

apart and the seed should be dropped from 6 to 8 inches apart in the row. One bushel will plant about 16 acres of land. The seed being larger than kaffir seed, will not plant as far in acreage as the same amount of kaffir seed. When Feterita gets up about 5 inches high, each plant puts out from 4 to 10 sucker plants and each of these sucker plants grows up the same as the main plant. On account of this suckering habit with Feterita, it should be planted a little thinner than kaffir or milo. The suckering habit with this plant also accounts for the great yield of this crop.

**Cultivation**—The cultivation of Feterita should be the same as that for corn, kaffir or milo.

**Harvesting**—Feterita should be cut and bound the same as kaffir and fed out in the bundle to get the best results from it. Postpaid, lb., 15c; 3 lbs., 30c; By express or freight, 10 lbs., 35c; bu., \$1.10.

## Egyptian Wheat or Shallu

### The Great Drought Resister and Grain Producer

**Egyptian Wheat or Shallu**—Belongs to the Sorghum family and should be planted like cane or milo, either for grain or hay. Broadcast it makes from 4 to 8 tons to the acre. In drills, it yields 35 to 50 bushels of grain per acre. The grain is small and white inside and has a light hull. The heads are large and heavy, the grain hanging on one side. The grain makes better bread than Maize. All stock eat it, and do well on it. It makes the best poultry food. The plant

grows from 5 to 7 feet tall, and produces more and better fodder than cane. Stools out from the root making 4 to 6 stalks makes excellent fodder. It will stand more wet or dry weather than maize or cane. We don't believe there is such a thing as failure with it. Plant in drills 3 feet apart, using 7 to 8 pounds of seed per acre, or broadcast, using from 1½ to 2 bushels. Postpaid lb., 15c; 3 lbs., 30c; By express or freight, 10 lbs., 35c; Bu., \$1.10.

### White Kaffir Corn

Grows 4 to 5 feet high. The stems are very leafy and keep green and brittle, unlike other sorghums which harden. Makes excellent fodder, either green or dried. For grain sow 5 to 6 pounds to the acre, in rows 3 feet apart. For fodder, sow from one-half to one bushel, either broadcast or in drills. Postpaid, lb., 15c; By express or freight, 10 lbs., 30c; bu., \$1.00.

### Red Kaffir Corn

Grows taller than the white; stalks slender, juicy and very leafy. The seed is red, smaller than that of the white, and hard and brittle. Ripens earlier than that of the white, and yields much heavier. Postpaid, lb., 15c; By express or freight, 10 lbs., 30c; bu., \$1.00.

### Yellow Milo Maize

This makes a thick, succulent growth of forage, very nutritious and of splendid milk-producing qualities. This, like sorghums, can be cut over two or three times, where it is desired to cut for green forage. Also makes excellent ensilage, or can be cured same as other sorghums. Postpaid lb., 15c; By express or freight, 10 lbs., 30c; bu., \$1.00.

### Sorghum and Sugar Cane

#### RIBBON CANE The Finest Sorghum Cane

(Straight Head Variety)—A very strong and tall-growing variety, noted for the immense quantities of finest syrup which it produces. It has yielded from 300 to 400 gallons of molasses per acre. The strong, leafy stalks make excellent forage. Plant in rows 3½ feet apart, six to eight pounds to the acre. Postpaid, lb., 20c; By express or freight, 10 lbs., 50c; Bu., \$2.00.

#### EARLY ORANGE

With taller and heavier stalks than Early Amber. Largely used for hay and fodder. Excellent for making syrup. Postpaid, lb., 15c; By express or freight, 10 lbs., 30c; bu., \$1.00.



KAFFIR CORN

#### EARLY AMBER

The earliest type in cultivation. Black-hulled. Stalks tall and slim. Most suitable for hay, as it matures very quickly. Makes syrup of excellent quality. Postpaid lb., 15c; By express or freight 10 lbs., 30c; Bu., \$1.00.

## BROOM CORN

**Improved Evergreen**—This Broom Corn grows about 7 to 9 feet high, stands up well, and is entirely free from crooked brush. The fiber is long and fine. Its great value is, that it will not get red in the field before it is cut, but is strictly a green variety of brush commanding high price, lb., postpaid, 20c. By express or freight 5 lbs., 40c; pk., 60c; bu., \$2.

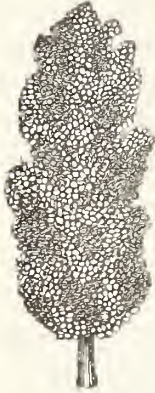
### DWARF BROOM CORN

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, lb., postpaid 20c; by express or freight, pk., 60c; bu., \$2.00.

## MILLETS

### TRUE GERMAN Fancy Recleaned, Big Plump Seed.

Is a strong grower and will yield enormous crops of the finest hay, and should be cut before the seeds 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. Postpaid, lb., 20c; by express or freight, pk., 40c; bu., \$1.60. Larger quantities, \$1.50 per bu.



### Japanese Barnyard

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 the 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, twenty to twenty-five pounds per acre (it stools remarkably, or in drills twelve pounds per acre.

Price by mail, postpaid, pkt., 10c; lb., 25c; 3 lbs., 60c. By express or freight, lb., 15c; 10 lbs., \$1.20; 50 lbs., \$3.35, 100 lbs., \$6.00.

### Pearl or Cat-tail Millet (Pencillaria)

This makes a most nutritious and valuable continuous cutting forage plant, and is increasing in popularity throughout the country. It will grow 10 to 12 feet high, but cutting can be commenced when it has attained the height of 3 to 4 feet, when it will stool out enormously and make a rapid growth, and it can be cut this way three or four times in a season. It is largely used by dairymen and others who have cattle, for furnishing them green food through the summer, as if a sufficient quantity is sown, it can be cut as desired, furnishing a daily supply of green food until killed by freezing weather. It can be fed either green or cured as dry forage, making a most nutritious feed, which is relished by all kinds of stock. It can also be cut two or three times during the season from one seeding. Sow five pounds of seed per acre in drills three feet apart, or sow broadcast at the rate of twenty to thirty pounds per acre. Drilling is usually preferable, where it is desired to cut for green feed. Pearl, or Cat-Tail Millet should not be planted before May. It is a tropical plant, and requires warm soil and warm weather to germinate well and grow off to best advantage.

Postpaid, pkt., 10c; lb., 25c; By express or freight lb., 15c; 10 lbs., \$1.25; 100 lbs., \$9.00.

## Rape Dwarf Essex

### THE GREAT SUMMER GREEN PASTURE

It is extensively grown for forage. Farmers who desire to get young cattle, sheep, lambs or young hogs into favorable condition can do it most cheaply by growing this Rape. Prepare ground as for turnips, and sow as soon as frost is out. It is ready in about six weeks. Also sow in June or July, broadcast at the rate of five or six lbs. to the acre. When eaten down before it has made its full growth it will come up again with more or less vigor. Used for pasture, not for hay. Our stock is the True Dwarf Essex and not the worthless annual. Postpaid, lb., 20c; By express or freight, lb., 15c; 10 lbs., \$1.25; 50 lbs., \$6.00; 100 lbs., \$11.00.

## Hairy or Winter Vetch

Also called Winter Vetch. This useful plant is noted for its extreme hardiness and is valuable for forage and fertilizing purposes. It is an annual, but drops its seeds freely, and will come up year after year on the same ground. The Department of Agriculture estimates the value of an acre of vetch plowed under equivalent to \$16 worth of commercial fertilizer. A sowing made in August or September covers the ground before winter 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. Postpaid, lb., 35c; By freight or express, 10 lbs., \$1.75. Larger quantities at 15c per lb.



HAIRY VETCH



## TEOSINTE

**A Most Valuable and Enormous Yielding, Continuous Cutting Forage Crop.**

We strongly recommend our customers who have not done so to sow this splendid forage crop. If sufficient quantity is sown, it will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer. It also makes splendid dry fodder, yielding enormously and being more nutritious and even better relished by all kinds of stock than corn fodder. In appearance it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stalks contain sweeter sap. It produces a great number of shoots, very thickly covered with leaves, yielding an abundance of forage. It stools out enormously after being cut, as many as forty-five stalks having been grown from a single seed. The first cutting can be made when it is two or three feet high. Sow in May or June at the rate of 2 or 3 pounds per acre in drills  $3\frac{1}{2}$  to 4 feet apart. Postpaid, oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

## 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 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 lb., postpaid 30c; by express or freight pk., 45c; bu., \$1.50. Larger quantities at \$1.40 per bushel.



## Seed Oats

### Early Harvest

An early Oat that has done exceedingly well wherever sown. Grains medium in size and ranging from light yellow to black in color. Not as heavy as Red Rust Proof, but an almost sure yielder. Price, bushel, 65c; larger quantities 60c per bu.

### Red Rust Proof

Our Seed stock of Red Rust Proof Oats this season is the finest we have ever handled, weigh-

ing 43 to 45 pounds to the measured bushel.

Red Rust Proof Oats is the standard variety for this section. As their name implies they are Rust Proof. Very hardy, standing more cold weather, and hard knocks than most any other variety. Seed, reddish yellow in color, very large and plump. Straw very stiff and heavy with good wide leaves. Red Rust Proof Oats will grow and make a crop on a greater variety of soils than any other variety. Bushel, 65c; larger quantities 60c per bushel.

## Speltz or Emmer

A valuable grain introduced from Russia. It is adapted to dry sections and poor soils, often yielding 50 bushels or more of grain per acre where Wheat or other grains would be total failures. The straw if Speltz has feeding value equal

to barley straw and grain, and is relished by all kinds of stock. Sow in the spring 1 to  $1\frac{1}{2}$  bushels per acre, (40 lbs to bushel). Postpaid, lb., 20c. By express or freight, bushel \$1.00. Larger quantities, 90c per bushel.

## FLAX

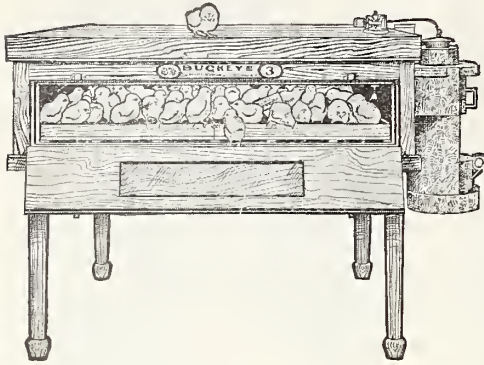
When grown for seed sow  $\frac{1}{2}$  bushel per acre; if fiber is wanted sow at the rate of two or three bushels per acre. The soil should be well culti-

vated. Recleaned seed postpaid lb., 20c. By express or freight. Bu., \$1.75. Larger quantities, \$1.65 per bushel.

## Varieties of Grass and Field Seeds Not Listed

If you want a variety of grass or field seed not listed in our catalogue, write stating what you want and we will be glad to procure and mail samples, quoting price. We are always at your command and take pleasure in assisting our customers by special cultured instructions or in giving information pertaining to anything in the seed line. Write us anything, we are always glad to get letters.

# BUCKEYE INCUBATORS



THERE ARE  
OVER  
325,000 BUCKEYE INCUBATORS  
IN SUCCESSFUL  
OPERATION

## GUARANTEE NO. 327,194.

This BUCKEYE incubator is guaranteed to hatch every hatchable egg, to be complete in every detail, and in perfect working order.

We guarantee the efficiency of all its mechanical parts, and the material of which it is constructed is guaranteed against deterioration from wear for a period of five (5) years.

If this incubator, or any part thereof, should fail to fulfill our guarantee the entire machine or any defective part (excepting thermometers and lamp burners) may be returned to us any time within five (5) years, and we will place the machine in perfect working order, and replace any defective part, without charge.

Thermometers and lamp burners are guaranteed against defect and breakage upon arrival. Should either be defective or broken on arrival, we will replace them without charge.

(Signed)

THE BUCKEYE INCUBATOR CO.

### NO. 1 (Standard)

Capacity, 110 hen eggs or 85 duck eggs.  
Complete, ready to use  
\$16.00

### NO. 3 (Standard)

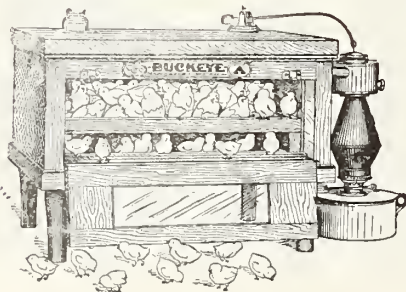
Capacity, 250 hen eggs or 200 duck eggs.  
Complete, ready to use  
\$27.50

### NO. 2 (Standard)

Capacity, 175 hen eggs or 140 duck eggs.  
Complete, ready to use  
\$20.00

### NO. 4 (Standard)

Capacity, 350 hen eggs or 280 duck eggs.  
Complete, ready to use  
\$35.00



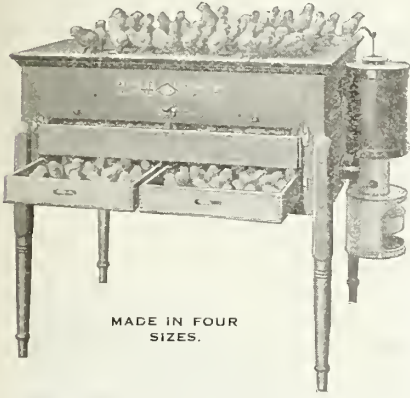
### STYLE A

Capacity, 60 eggs.  
Complete, ready to use  
\$7.50



**WE ARE AUTHORIZED AGENTS FOR**  
**Genuine Cyphers Company Incubators Patented**

For the season of 1915 we offer our customers the Cyphers Incubator Company's complete line of Incubators. These three styles of high-class, guaranteed hatching machines, running through eight different sizes, represent all that is efficient, convenient and reliable in incubator construction. In buying a Cyphers Company Incubator you take no chances.



MADE IN FOUR SIZES.

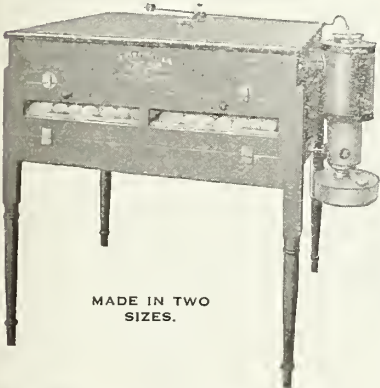
390-400 Egg Standard Cyphers Incubator, Price Complete in all Details \$38.00

**STANDARD CYPHERS INCUBATORS**

These are machines that for fifteen years and more have been recognized as the "Standard Hatchers of the World". Tens upon tens of thousands of them have been sold and are in Successful use in every civilized country on the globe. They are used by more Government Experiment Stations, on more large, practical poultry plants, on more successful duck and egg farms, and by a larger number of foremost poultry breeders than all other makes combined. They are the last word to date in incubator building, not a penny being spared anywhere in their construction to make sure of their doing satisfactory work in all climes, under widely different conditions, in the hands of all sorts of people. They are built to hatch and to last. With ordinary care they should last an ordinary lifetime. Every Standard Cyphers Incubator is guaranteed by the manufacturers to do first-class work in the hands of every purchaser who will give it a fair trial. Are built in four popular sizes and at prices as follows: 70 eggs, price complete \$15.00; 140 eggs, price complete \$22.00; 244 eggs, price complete, \$32.00; 390-400 eggs, price complete \$38.00.

**COLUMBIA HOT-AIR INCUBATORS**

Are built to meet the wide-spread demand for large-capacity, lamp-heated machines that can be sold at surprisingly low prices and yet be guaranteed to do high-class work. Have wooden cases, attractively finished in dark green, with brass trimmings and double walls. Seamless-bottom lamp bowls, best quality brass burners, zinc and steel Standard Cyphers toggle-joint thermostat and same regulating equipment as used on highest priced machines. Fume proof, forced draft heater, asbestos covered and metal banded. Automatic in ventilation and embodies diffusive principle. Roomy chick nursery under egg trays. Are made in two sizes; 130-140 eggs, price complete, \$15.00; 240-250 eggs, price complete \$19.00. **FULLY GUARANTEED.**

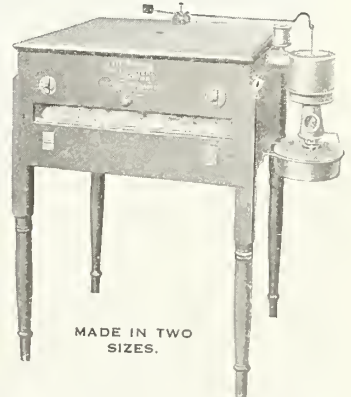


MADE IN TWO SIZES.

240-250 Egg Columbia Hot-Air Incubator. Price complete in Every Detail, \$19.00

**SUPERIOR HOT WATER INCUBATORS**

These machines are exactly what the name says. They are heated by hot-water, instead of with hot-air and are "superior" in every detail. The water boiler and tank (tubular) are of heavy-weighted copper. Lamp has seamless bowl; burner is best on market. Incubator case is of wood, attractively finished in golden brown, with brass trimmings (hinges, buttons, etc.) and has double walls, with air space insulation. Are equipped with Standard Cyphers zinc and steel, toggle-joint thermostat and knife-edge regulator. Have forced water circulation and are automatic in ventilation. Roomy chick nurseries. Are built in two sizes: 60-65 eggs price complete, \$10; 120-130 eggs (see illustration) price complete, \$14.00. **FULLY GUARANTEED.**



MADE IN TWO SIZES.

120-130 Egg Superior Hot-Water Incubator. Price Complete in Every Detail, \$14.00

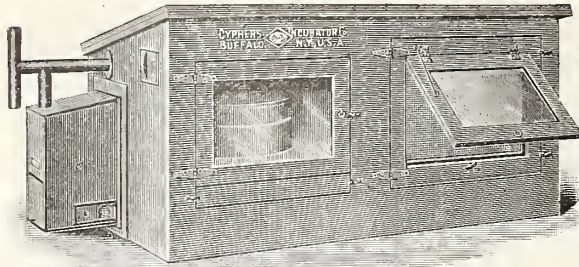


SMALL-SIZED SUPERIOR Capacity 65 eggs. Price Complete, \$10.00

WRITE FOR COMPLETE CATALOGUE OF CYPHERS INCUBATORS AND BROODERS

# Cyphers Company Brooders and Hovers

## STANDARD CYPHERS BROODER



### CYPHERS STYLE B OUTDOOR BROODER

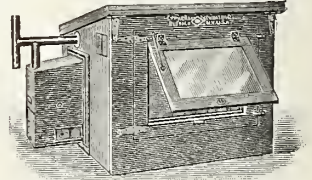
Fire-Proof—Insurable. Three-Apartment, Combination Outdoor Brooder and Colony Roosting Coop. Self-Ventilating and Self-Regulating. Floors of hover and exercising apartments on same level.

chicks at night, and saves the buying of a coop for them. These outdoor brooders, on account of their fire-proof construction, can be used indoors equally well. All Cyphers 1915 Brooders contain either two or three apartments. The popular Style B (shown in Illustration herewith.) contains three apartments; first, roomy space under the hover; second, hover chamber, third, well lighted exercising apartment. It has often been said by users of Cyphers Brooders that "They Mother the Chicks Better than a Hen."

The Standard Cyphers Brooders are not only fire-proofed and insurable, but are most durable, convenient and most efficient indoor and outdoor brooders thus far invented and placed on the market. They are equipped with the same type of high-grade thermostat as used on the Standard Cyphers Incubator—you can therefore depend upon an even, steady temperature in the hover, and a lively, thrifty, growing lot of chicks.

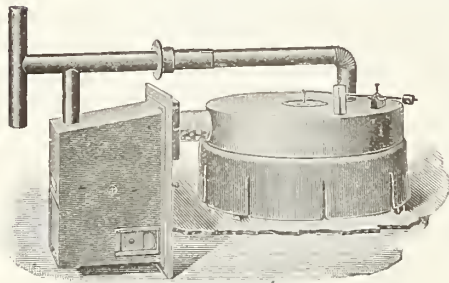
These Cyphers 1915 Brooders, all sizes and styles, are self-regulating, self-ventilating and varmint-proof. They are usable also as colony coops for the growing chicks. They are easily and quickly converted into colony roosting coops by simply taking out the hover, which is made removable for that purpose.

**THIS DOUBLE USE** of the Cyphers Brooder means considerable saving of money. It makes a safe and comfortable enclosure for the young



- |  |         |  |
|--|---------|--|
| Style A. 2-Apartment Outdoor Brooder (Capacity 75 chicks).....                     | \$12.50 | CYPHERS STYLE A OUTDOOR BROODER  |
| Style B. 3-Apartment Outdoor Brooder (Capacity 100 chicks).....                    | \$16.50 | Fire-Proof—Insurable. Two-Apartment, Combination Outdoor Brooder and Colony Roosting Coop, Self-Ventilating and Self-Regulating. |
| Style C. 3-Apartment Outdoor Brooder, (for cold climates) Capacity 100 Chicks..... | \$18.50 |  |

## CYPHERS ADAPTABLE HOVER



The Cyphers Adaptable Hover is Self-ventilating and Self-Regulating. It supplies a continuous supply of fresh, pure warmed air under the hover, and at the same time maintains a steady, uniform heat. All the essentials of successful brooding of chicks are automatically provided. Thousands of poultry growers use this hover in raising big strong flocks of chicks. It is "adaptable" to use in Colony Coops, in portable houses, in home-made brooder coops, such as goods boxes, piano boxes, and organ cases, as well as in large brooding houses. It is constructed entirely of non-combustible material, and bears the fire underwriters Inspected Brooder label. Capacity seventy-five newly hatched chicks, or fifty chicks that are ten days to six weeks old.

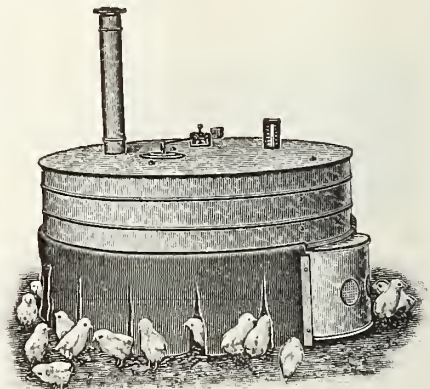
## CYPHERS PORTABLE HOVER

Price of Cyphers Adaptable Hover. ....\$8.50

The Cyphers Portable Hover is the only self-regulating and self-ventilating Portable Brooding Hover thus far invented, and we guarantee it to be the best brooding device of the kind on the market. As it is equipped with the same high-grade thermostat as the Cyphers Incubators and the Cyphers Adaptable Hover, it maintains a steady and uniform heat. It is positively and infallibly automatic in ventilation, preventing the trapping of "dead" air or poisonous gases, underneath the curtain. A continuous supply of fresh, warmed air is automatically forced beneath the hover.

This Portable Hover, as its name indicates, can be picked up at any time, all complete, and moved about without hindering its operation. Very convenient for cleaning and moving. Rated capacity seventy-five newly hatched chicks, or fifty chicks that are ten days to six weeks old.

Price of Cyphers Portable Hover.....\$8.50





# POULTRY SUPPLIES

Our Poultry Supply Department is complete with good honest goods for the poultry raiser. Our line of "Special" Foods are manufactured and packed by us in our own establishment insuring the buyer of only the best at reasonable prices. We back each item listed in this department with our own absolute guarantee. Terms are cash with order.

## REDING & CLARK'S Special Chick Feed

The best chick feed your money can buy. A scientific complete feed in every way. Will make your chicks grow faster than you ever had them grow. Reding & Clark's Special chick feed is composed of pure sweet, cleaned cracked seeds, charcoal and bone. It is perfectly balanced, and should be fed dry from the day the chicks are hatched until they are old enough to eat whole grain. It is perfectly free from dirt and dust. Compounded in correct proportions to contain the right amount of protein, fat and fibre. By feeding it you do away with the risk of bowel trouble, that dreaded disease that kills millions of chicks each year. Our price is reasonable and you will find it economical to feed. One pound of this clean, sweet food will go as far as two pounds of cheap, trashy foods of the ordinary kinds. We ask you to try R. & C.'s "Special" chick feed this season and you will be delighted with the result. 8 1-3 lb. bag, 25c; 25 lbs., 70c; 50 lbs., \$1.40; 100 lbs., \$2.75. Larger quantities \$2.65 per 100 lbs.

## Reding & Clark's SPECIAL LAYING MASH



**MAKES**

**BUSHELS  
OF EGGS**

Strong in Albumen and egg making properties. Nothing like it to make eggs in winter. This is a ground food to be

mixed with warm water, or fed dry, and only as much fed in the morning as will be eaten up clean. You may mix your table

scraps if you wish. If fed according to directions will not fail to give perfect satisfaction. No feed in existence equals it to make hens lay. Especially valuable for winter feeding.

In addition to its Medicinal properties it contains the following: Red Pepper, Meat Meal, Blood Meal, Gluten Meal, Flax Seed Meal, Alfalfa Meal, Bone Meal, Cotton Seed Meal, Crushed Wheat Kaffir Corn, Middlings and Bran. Feed it ten days if it fails you had better kill the hens.

It is all feed and no waste. The materials in this food take the place of green food and meat and makes hens lay all the year around.

It is being fed daily to thousands of poultry. Eggs are high in price, and every poultry raiser should be interested in getting more eggs at a less cost. 8 1-3 lbs., 25c; 25 lbs., 70c; 50 lbs., \$1.30; 100 lbs., \$2.50. Larger Quantities, \$2.40 per 100 lbs.

# POULTRY SUPPLIES

## REDING & CLARK'S SPECIAL SCRATCH FEED

### A COMPLETE EGG PRODUCING FEED

A correctly proportioned Feed composed of clean, wholesome grains, bone, charcoal and sunflower, absolutely no waste or dirt, all clean, wholesome food. Keeps your hens healthy, prevents soft shell eggs, and certainly produces eggs. All the elements necessary to produce eggs are combined in the correct proportions in our Special Scratch Feed.

Feed Special Laying Mash in the morning and Special Scratch Feed noon and night for positive Egg results. 8 1-3 lbs., 25c; 25 lbs., 70c; 50 lbs., \$1.20; 100 lbs., \$2.35; 500 lbs., \$11.25.

### 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 lbs., for 35c; 25 lbs., for 85c; 100 lbs for \$2.85.

### CHICK. CRACKED BONE

Suitable for little chickens, makes them healthy and promotes good growth of muscles and bones. Price 10 lbs., for 35c; 25 lbs., for 85c; 100 lbs., for \$2.85.

### 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 lbs., for 35c; 25 lbs., 85c; 100 lbs., \$2.85.

### 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 the big change in hens. Price per lb., 5c; 25 lbs., \$1.10; 100 lbs., \$4.00.

### ALFALFA MEAL

The best winter substitute for green stuff. The hay is cut when at the greenest stage of growth, cured and ground fine, nothing better. 10 lbs., 20c; 50 lbs., 70c; 100 lbs., \$1.15.

### 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. 10 lbs., 40c; 50 lbs., \$1.85; 100 lbs., \$3.50.

### COTTON SEED MEAL

Valuable for poultry, if properly fed, contains 41 per cent protein, very fattening, 10 lbs., 25c; 50 lbs., 90c; 100 lbs., \$1.60. Larger Quantities, \$1.50 per 100 lbs.

### OIL CAKE MEAL

Old process ground Oil Cake very valuable for stock and poultry of all kinds. 10 lbs., 30c; 50 lbs., \$1.25; 100 lbs., \$2.25.

### BEEF OR MEAT SCRAP

This is meat ground in size from that of 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 lbs., for 40c; 25 lbs., for 95c; 100 lbs., \$3.50.

### CRUSHED SHELL FOR POULTRY

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

Advantage 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, 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 lb., Large quantities 75c per 100 lbs.; 500 lbs at 70c per cwt.

### MICA CRYSTAL GRIT

Perhaps the hardest rock formed consequently the best for chickens. 10 lbs., 20c; 25 lbs., 40c; 100 lbs., \$1.25.

### CHARCOAL GRANULATED

Two sizes, chick and hen. Specify which size is wanted.

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. lb., 5c; 6 lbs., 25c; 25 lbs., 75c; 100 lbs., \$2.50.

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

### 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. Postpaid Doz., 35c; By express or freight, Doz., 25c; 5 Doz., \$1.00.

### BEE SUPPLIES

We are headquarters for a full line of the best Bee Supplies. Write for Special Catalogue. Mailed Free.

### GARDEN TOOLS

We carry the Planet Jr. and Standard line of Garden Seed Drills and Tools. Prices right. Special Catalogue Mailed Free.



# DRINKING FOUNTAINS, FEEDERS, ETC

QUANTITY PRICES OF ALL ARTICLES ON THIS PAGE.

Five per cent discount for six on one order; ten per cent discount for twelve. Orders may be assorted sizes. Take low freight rate as tinware.

## WALL FOUNTAINS

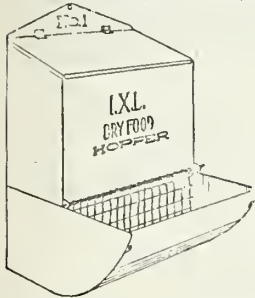
Made of heavy galvanized iron keeps the water fresh and clean. The best Fountain on the market. Made in two sizes.

No. 1. 1-Gallon, each 50c, 6 for \$2.75  
 No. 2. 2-Gallon, each 75c, 6 for \$4.25  
 Postal weight No. 1, 2 lbs.  
 Postal weight No. 2, 3 lbs.



## CHICK FOUNTAIN

The best thing yet for little chicks. Keeps the water clean and fresh. Any Mason Fruit Jar fits them. Price without jar, each 15c; 6 for 75c.



## I. X. L.

### Dry Food Hopper

One of the Best Food Hoppers on the market. Prevents waste, saves its cost in almost no time. Each 75c; 6 for \$4.25.

Postal weight 4 lbs.



## I. X. L.

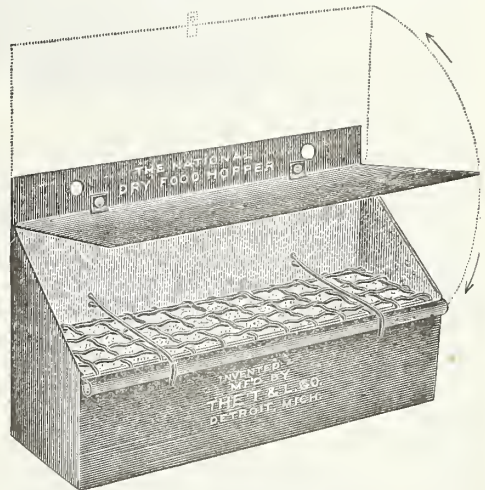
Grit and Shell Box Heavy galvanized iron, three compartments. Just what you have been needing. Saves its cost in a short while. Each 50c; 6 for \$2.75.

Postal weight 3 lbs.

## THE NATIONAL FOOD HOPPER

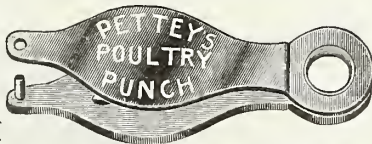
A revelation in Food Hoppers. Mouse and rat proof. Can be closed up tight at night. Prevents wastage. Cannot clog. Mash, grain, beef scraps, etc, can be fed in this Hopper with no waste. Saves labor and time. Made in three sizes.

No. 1, 12 inches long, 75c, 6 for \$4.25  
 No. 2, 18 inches long, \$1.00, 6 for \$5.50  
 No. 3, 24 inches long, 1.25, 6 for \$7.00  
 Postal weight Nos. 1 and 2, 3 lbs., No. 3, 4 lbs.



## PETTEY'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.

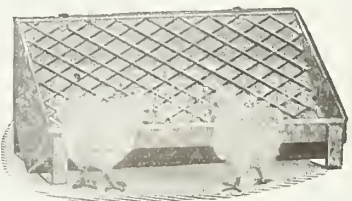


LARGE DRY FEED

## BOSTON DRY FOOD HOPPERS

The use of these hoppers will positively save their original cost every week in the case of adult fowls and every month or less in the case of chicks. Besides this they will help greatly to keep your fowls and chicks in a healthy condition by insuring them clean food entirely free from filth of any kind. Every poultryman will appreciate this feature.

These hoppers are made in four sizes two for chicks and two for adult fowls. See illustrations and prices herewith. Half bushel size is for dry feed of any kind, fed either indoors or outdoors; similar shaped smaller size is for beef scrap, charcoal, oyster shell, grit, etc. Chick sizes keep food clean and prevent bowel trouble.



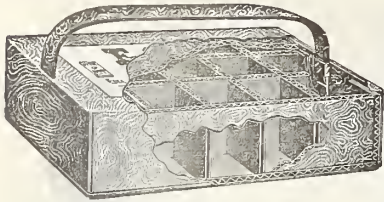
SHORT CHICKEN FEED

### PRICE LIST

Large Dry Feed.....	\$1.00	Short Chicken Size.....	\$1.00
17 in. high, 8 in. deep, 13 in. wide.		15 in. long, 8 in. high, 4½ in. deep.	
Holds one-half bushel. Weight, 4½ lbs.		Holds one-half peck. Weight, 2¾ lbs.	
Beef, Scrap, Grit, Etc.....	.90	Long Chicken Size.....	1.50
17 in. high, 8 in. deep, 7 in. wide.		29 in. long, 8 in. high, 4½ in. deep.	
Holds one peck. Weight, 3 lbs.		Holds one peck. Weight, 3¾ lbs.	



## THE EYRIE EGG BOX



The Eyrie Egg Box is the lightest, weighing only two and three-quarters pounds 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

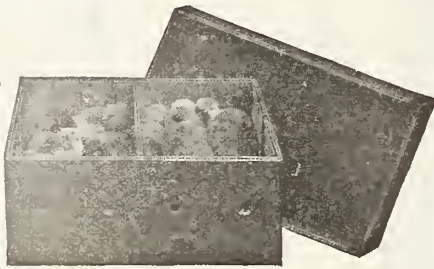
package and prevents putting anything on top of the box, thus eliminating the liability of rough usage.

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

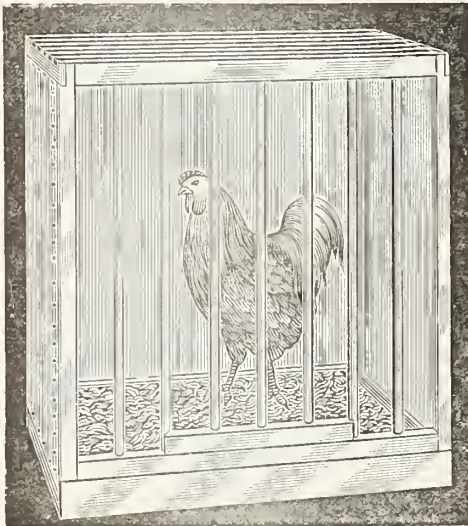
- No. 1. For one setting (15 eggs) 15c; 6 for 75c; doz. \$1.40.
  - No. 2. For two settings (30 eggs) 20c; 6 for \$1.10, doz. \$2.00
- Postal weight 1 lb each.

### LIVE CHICK BOXES

"The Sefton Live Chick Box" is shipped to you folded flat and very easily set up. Made from Corrugated Paper throughout. It is lighter and much more convenient than wooden boxes and in some instances the amount saved in Express charges alone will pay for the box.



- No. 1, 25 chick size, each 15c; doz., \$1.30.
  - No. 2, 50 chick size, each 20c; doz., \$1.80.
  - No. 3, 100 chick size, each 30c; doz., \$3.00
- Postal weight; No. 1, 1 lb; No. 2, 2 lbs; No. 3, 2 lbs.



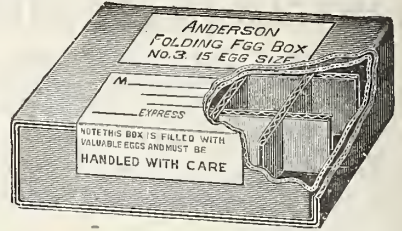
and cold. They are easily set up, are neat and attractive.

Made in three sizes, for single birds, pairs, and breeding pens.

A. 12x16x18 in. each 35c; 3 for 90c; dozen \$3.25.

B. 12x18x22 in. each 40c; 3 for \$1.05, dozen, \$3.75.

C. 20x22x22 in. each 60c; 3 for \$1.60, dozen \$6.00.



### THE ANDERSON EGG BOX

Made of heavy corrugated pasteboard, light, substantial, well made, will carry eggs safely anywhere, price considered, this is the best for the money. We sell lots of them.

- No. 3, one setting each 15c, doz., \$1.20.
  - No. 4 Two settings, each 20c; doz., \$1.90
  - No. 5 50 egg size, each 30c; doz., \$2.85.
- Postal weight, 1 lb. each.

### CHAMPION LEG BANDS

The Best Made

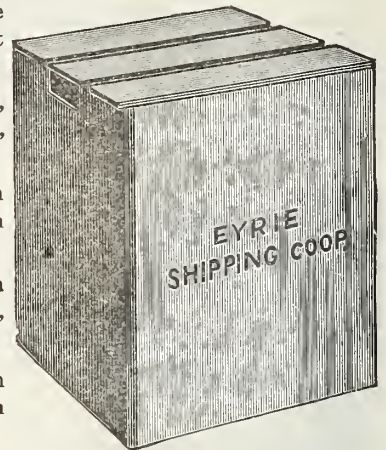
In 2 Sizes—3 and 2 1/4 in. Long Made of Aluminum. 1 dozen for 15c 25 for 25c; 50 for 40c; 100 for 75c; 250 for \$1.75, 500 for \$3.75, postpaid.



In ordering Bands State Size Wanted.

### "THE EYRIE SHIPPING COOP"

These coops are shipped to you folded flat, thus reducing freight or express charges. The top and bottom are strongly constructed of wood. The body is made from extra heavy Corrugated Fibre Board, protecting the fowls from draughts, heat



### REDING & CLARK'S PERFECTION FOLDING EXHIBITION COOP

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 Perfection Folding coop is suitable both for the small exhibitor with only a few birds or for the largest associations.

Prices of the Perfection Coops in the flat:

- No. 1 coop for single birds or pairs 24x24x30, each \$1.50. Weight 15 lbs.
  - No. 2 coops for pen 24x40x30, each \$2.25, wt., 22 lbs.
  - One coop of each size for \$3.50.
- Write for prices on larger quantities.



# INCUBATOR AND BROODER SUPPLIES



Metallic Lamp chimneys each 25c.

**LAMP BURNERS**—Good heavy burners that will give satisfaction. Nos. 1 and 2, each 35c; No. 3, each 50c.

Add 5c each for postage.

**TYCOS HIGH GRADE TESTED THERMOMETERS**

Guaranteed Accurate. "Tyco's" Incubator and Brooder Thermometers are recognized as the world's standard. Guaranteed accurate, can be used with perfect assurance in any make of Incubator or Brooder, made in two styles for Incubators. Postpaid 65c.

**"TYCOS" BROODER THERMOMETER**

Made with wooden back, for protection. A good accurate, strong thermometer. Postpaid each 35c.

**"TYCOS INCUBATOR HYGROMETER**—The use of the "Tyco's" Incubator Hygrometer effectively lessens the percentage of chicks dying in the shell—due very largely to improper moisture conditions.

"Tyco's" Incubator Hygrometer, each \$1.50, postage extra 5c.



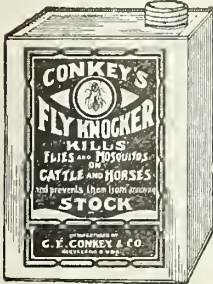
**"TYCOS" HYGROMETER**

## 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.

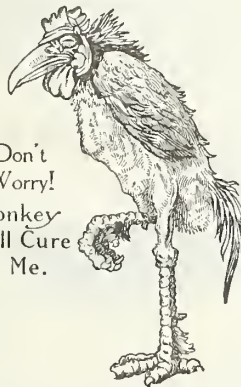
**Conkey's Fly Knocker**

Conkey's Fly Knocker kills every fly it hits and keeps others from alighting on your horses or cows. It will rid your stables 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



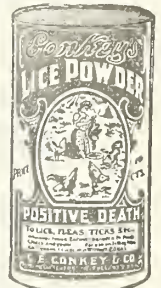
a drive, it will keep the flies away and prevent the fretting so wearing to a nervous animal. One ounce of the liquid will spray two animals. Once tried you will not be without it. Prices 1 qt., 35c; 2 qts., 60c; 1 gal., \$1.00, 5 gal., (jacketed) \$4.00. Expressage extra. Postal weight qt., 3 lbs., ½ gal., 5 lbs., gal. 9 lbs.

Don't Worry!  
Conkey Will Cure Me.



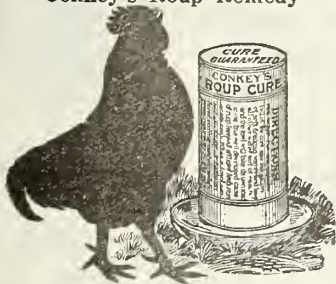
**Conkey's Lice Powder**

For successfully killing body lice on fowls, nothing can equal a powder which is properly made. This 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. 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. Prices, 5 oz., pkg., 10c; 15 oz. pkg., 25c; 48 oz. pkg., 50c. Expressage extra; 100 oz. pkg., \$1.00.



**Other Conkey Remedies**

**Conkey's Roup Remedy**



Is used in every civilized country of the world. It has wonderful curative qualities, immediately kills the disease germs. 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, three sizes, 25c, 50c, and \$1.00, postpaid.

Laying Tonic, 1½ lb., 25c; 3¼ lbs., 50c, 7 lbs., \$1.00.

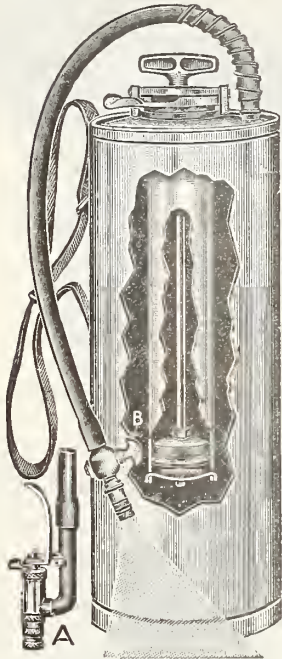
- Bronchitis Remedy. . . . . 50c
- Cholera Remedy. . . . . 25c-50c
- Chicken Pox Remedy. . . . . 50c
- Limber Neck Remedy. . . . . 50c
- Scaly Leg Remedy. . . . . 25c
- Gape Remedy. . . . . 50c
- W. Diarrhoea Remedy. . . . . 50c
- Poultry Tonic. . . . . 25c
- Rheumatic Remedy. . . . . 50c
- Poultry Worm Remedy. . . . . 50c
- Head Lice Ointment, 1 oz. tube 10c, 3 oz. tube 25c. Postpaid.
- Lice Liquid, 1 qt. 35c, 2 qts. 60c, 1 gal. \$1.00.
- Postage weight qt. 3 lbs; ½ gal. 5 lbs; gal. 9 lbs.
- Noxicide, pt. 35c; qt. 60c; ½ gal. 90c; gal. \$1.50.
- Postage weight, pt. 2 lbs, qt. 3 lbs. ½ gal. 5 lbs.
- Parcel Postage extra as per rates on last page.



# SPRAYING OUTFITS

We list only small spraying outfits in this catalogue, but are prepared to furnish anything in this line up to the largest traction outfits. We gladly mail catalogue pertaining to general outfits on request.

## ATUO SPRAY NO. 1



This is the best compressed Air Sprayer offered today. Quick, handy and durable.

The "Auto Spray" 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 fifteen 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, greenhouses, hospitals and stables for disinfectants, for sheep and cattle dip; and cattle fly oils, also in the hen house.

The illustration shows the "Auto Spray" equipped with stop cock. Letter A shows the Auto Pop Nozzle.



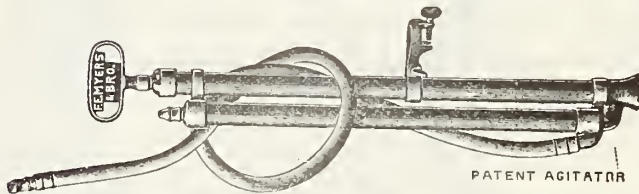
Auto Spray in the Field.

### PRICE OF AUTO SPRAY NO. 1

- No. 1—C Galvanized with stop cock.....\$4.50
- No. 1—D Galvanized with auto top..... 5.40
- No. 1—A Brass with stop cock..... 6.75
- No. 1—B Brass with auto pop..... 7.65

Descriptive Spray Pump Catalogue and Spray calendar mailed free, write for it.

## THE MEYERS BUCKET SPRAY PUMP



### SPRAY PUMP NO 327½

It has all the advantages of the ordinary barrel and bucket pump combined, and is sold at a moderate price. Has one half more air chamber than any other make of bucket pump, is made of brass with ball valves, handle and foot rest with malleable iron.

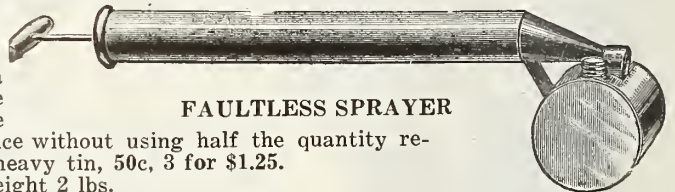
The work is all done on the down stroke of the handle, and it can be operated with one-third the power required for any other old style bucket spray pump. Price \$4.75.

### 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. Postal weight 2 lbs.



FAULTLESS SPRAYER

## 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 from an excellent quality of russet leather, bellows sides are basswood, painted vermilion and varnished, and handles of beach or maple, varnished in the natural colors of the wood. Price \$1.50.



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**We Sell The Best Seeds That Grow**



STECHEE CO. ROCHESTER, N. Y.

**REDING AND CLARK**

**JOPLIN, MISSOURI**