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“1900.”

“Seed... Annual”

Vegetable and Flower Seeds,
Grass, Clover and Field Seeds,
Plants, Bulbs and Roots.

Small Fruits and Trees,
Poultry Supplies and Fertilizers,
Implements, Tools and Farm Machinery.

WERNICH SEED CO.

Milwaukee,
Wis.



A. BLANC
PHILA. U.S.A.



With pleasure we address you through this, our 23rd Annual Catalogue, a complete Guide pertaining to the Farmer's and the Gardener's wants.

In compiling it we tried to be as brief as possible, eliminating those features that some dealers make a specialty of, viz: Pictorial and Descriptive Exaggerations.

Our prices, too, are "Right" and are not made to catch the trade of bargain hunters. We believe in "Honest Goods" at "Fair Prices."

In closing, allow us to state that, no matter how small your order, it shall have our best attention. We want your trade and retain it if Honest Dealing and Prompt Service will do so.

For the kind patronage we have been favored with in the past we are grateful. May our future business dealings be as pleasant, and we trust, to the satisfaction of every customer. Yours for Reliable Seeds,

WERNICH SEED CO.

SUGGESTIONS IN ORDERING SEEDS.

ORDER EARLY.—"In time of winter prepare for spring." Order early, and have your seed on hand when it is time to sow.

ADDRESS.—No matter how often you order, always give your Name, Post Office, County and State in full. When Freight or Express Office is different from Post Office, give both.

REMITTANCES.—Cash with Order. Remittances may be made at our risk by Draft, Money Order, or Cash by Express, or in registered letter.

SEEDS POSTPAID.—We deliver free all Seeds (Ozs., ¼ lbs., lbs., Pints and Quarts). Plants, Bulbs, etc., at prices quoted excepting where otherwise noted.

SAFE ARRIVAL.—We endeavor to secure the safe arrival of packages in every case. If packages do not arrive in due time, please notify, and we will at once trace the same. Except where noted, we make no charge for packing.

SHIPPING.—When customers do not state clearly how and where to ship, we use our own discretion.

ERRORS.—We are very careful in executing our Orders, yet in the rush of business in our busy season, errors sometimes occur, in which event we wish to be promptly notified, and we will rectify.

GUARANTY.—Complaints made that Seeds are not good cannot always be attributed to the quality. There are hundred of causes other than poor quality to prevent the best of seeds from 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 or cold weather, frosts, changes in the Seeds, induced by temperature, etc., therefore, while we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, expressed or implied, and we will not be in any way responsible for the crop.

PREMIUMS.

No Premiums given (except where noted) on Clovers, Timothy, Vegetable Seed Collections, Potatoes, Fertilizers, Tools, Implements, Insecticides or Plants.

PREMIUMS MUST BE SELECTED AT THE TIME OF ORDERING.

We admit it's bad business to give anything away for nothing, but circumstances alter cases, and this is one of them, as our competitors set the pace, and we are trying to hang on. We want to make it an object for you to see your neighbor and have him order seeds with you, so that you send in large orders, and thus receive the seeds at reduced prices, as you will notice that the greater the number of bushels, the cheaper the price. In addition to getting the seeds cheaper by having large orders, we give the following premiums. On all Farm Seed orders netting \$5.00 or over, we allow you to select any of the premiums.

PREMIUM No. 1.

SCYTHE STONE.

COLUMBUS WHETSTONE.—Received highest award at the World's Fair. Will never wear out. A household delight. Will sharpen anything and everything that needs sharpening. Anybody sending us an order of \$5.00 worth of Farm, Vegetable or Flower Seeds we will pack in free one of these stones.

PREMIUM No. 2.

THE GEM CORNSHELLER.

THE GEM CORN SHELLER is indeed a gem, for with it you can shell corn as easy as with a more expensive sheller and shell it well, too. Thousands of them in use. We sell this sheller at 90c. Given as a premium on corn only with all orders for corn netting \$10.00. (Fodder Corn Excepted.)

PREMIUM No. 3.

LEVER FEED CUTTER.

This Lever Feed Cutter lists at \$5.00. We sell it at the low price of \$3.50, and on receipt of this amount will deliver it f. o. b. cars Milwaukee. We give it as a premium on orders netting \$35.00.

PREMIUM No. 4.

FARM BELL.

This is a Bell that you can get with little effort, whose clear sound can be heard a full mile. An hour spent with your neighbors soliciting orders for our Farm and Vegetable Seeds gives you the Bell.

Order netting \$25.00.—No. A1 Bell, weight 40 lbs.

Order netting \$35.00.—No. A3 Bell, weight 75 lbs.

Order netting \$50.00.—No. A4 Bell, weight 104 lbs.

These Bells are sent only when farmers request the same, otherwise we make our own selection.

SPECIAL PREMIUM OF RARE FORAGE PLANTS.

In order to introduce the following Seeds to our farmer friends, we will give as a premium Lathyrus Silvestris and Teosinte, two valuable Forage and Fodder plants.

LATHYRUS SILVESTRIS.

More thoroughly described on page 28.

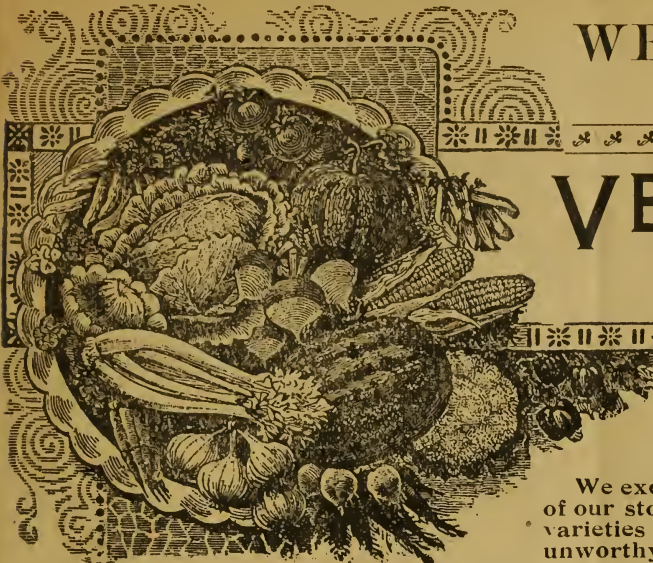
On orders netting \$ 5.00.....	1	Pounds
On orders netting 10.00.....	2½	Pounds
On orders netting 15.00.....	4½	Pounds
On orders netting 20.00.....	7	Pounds
On orders netting 25.00.....	10	Pounds

TEOSINTE.

Fully described on page 28.

On orders netting \$ 5.00.....	½	Pounds
On orders netting 10.00.....	1¼	Pounds
On orders netting 15.00.....	3½	Pounds
On orders netting 20.00.....	4½	Pounds
On orders netting 25.00.....	7	Pounds

Premiums cannot be allowed on Clovers, Timothy, Seed Collections, Implements, Fertilizers, Insecticides or Plants.



WERNICH'S LIST OF CHOICE

VEGETABLE SEEDS.

We desire to call particular attention of our friends and patrons to the following List of Vegetable Seeds, which will be found to embrace all the leading and most popular varieties in cultivation.

We exercise the greatest care in the selection of our stocks of vegetable Seeds, discarding all varieties that in our experience have proved unworthy of cultivation.

All our Vegetable Seeds are true to name, and their germinating qualities having been effectually tested, they are confidently offered as being **THE VERY BEST THAT CAN BE PROCURED.**

Our prices include postage on Vegetable Seeds in packet's, ounces, $\frac{1}{4}$ lb. and pounds. If the purchaser will pay the freight charges 10c per pound may be deducted from the prepaid prices herein offered. On Beans, Peas, Corn, and Onion Sets, we give both prepaid charges and not prepaid charges. Purchasers will please notice.

CASH DISCOUNTS

On Packets and Ounces
ON ALL OUR SEEDS.

Customers Sending

\$1.00
2.00
3.00
4.00
5.00

May Select

\$1.30
2.70
4.00
5.50
7.00

Worth of...
Vegetable and
Flower Seeds
in packets and
ounces.



Palmetto Asparagus.

ASPARAGUS.

German—Spargel. French—Asperge. Spanish—Esparrague.

To grow plants from seed, sow in drills about one inch deep, in rows a foot apart. Keep the soil mellow and free from weeds during the summer, "thin out," and the following spring the plants may be set out in beds six feet wide, with a path two feet wide on each side; set the plants about a foot apart each way, four inches below the surface. The deeper the soil and the more manure used, the greater the crop. Annually, after the first cutting, the bed should be given a liberal top dressing of manure, ashes and salt, which should be well cultivated into the soil. As soon as the tops turn yellow in the fall they should be cut and removed from the beds, and just before winter cover the beds with four inches of coarse, strawy manure or leaves, which should be removed in the spring. A bed of 6x60 feet is ample for an ordinary family, and when well established is good for twenty years.

One ounce of seed sows 60 feet of drill. About 400 plants to the ounce.

Conover's Colossal. The most approved and standard sort. Pkt. 3c, oz. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 40c. Post paid.

Giant Argenteuil.—The largest variety. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c, 1 lb. \$1.00. Post paid.

Palmetto.—Of Southern origin; of bright green color. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1 lb. 60c. Post paid.

ARTICHOKE.

German—Artischocke. French—Artichaut.

Sow in April in hot-bed or boxes, and when the ground is ready transplant in hills three feet apart, and the rows two feet apart.

Large Green Globe.—The standard variety. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 90c. Post paid.

BROCCOLI.

German—Spargel Kohl. French Chou Brocoll. Spanish—Brocoll.

Sow thinly in seed beds about the middle of Spring, and transplant and cultivate the same as cabbage. Produces heads very nearly like Cauliflower, but more hardy.

Purple Cape.—Best adapted to our climate. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.50. Post paid.

R. LEWIS POTTER, Lake Beulah, Wis.

SAYS:

"We have always found Seeds from your house give perfect satisfaction."

BRUSSELS SPROUTS.

German—Sprossen Kohl. French—Chou de Bruxelles. Spanish—Bretones de Bruselas.

This is one of the most delicious of all vegetables, and of easy growth, but is not so well known in America as it deserves. Produces on the stem small heads resembling miniature cabbages. The sprouts are used as greens and become tender when touched by the frost. Sow in May, and manage as winter cabbage. In the fall the leaves should be broken down so that the little cabbages will have more room to grow.

Dwarf Improved. Compact heads and of fine quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, 1 lb. \$1.25. Post paid.

BUSH BEANS

DWARF WAX PODDED VARIETIES.

- Currie's Rust Proof Golden Wax.**—Black seeds, golden yellow pods; fleshy, tender, and very productive. By mail, postpaid, pkt. 5c, pint 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.50.
- Golden Wax.**—Very early, round golden pods. By mail, postpaid, pkt. 5c, pint 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.40, bu. \$4.90.
- Bismarck Black Wax.**—A grand bean, early and productive. By mail, postpaid, pkt. 5c, pint 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.40, bu. \$4.90.
- Black Wax or Butter.**—Pods round and stringless, and of fine quality. By mail, postpaid, pkt. 5c, pint 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.35, bu. \$4.80.
- White Wax.**—Flat yellow pods. By mail, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.40, bu. \$4.90.
- Flageolet Red Wax.**—Flat, yellow, large and stringless pods. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.25.
- White Kidney Wax.**—Long, flat and pure white pods. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.25.
- Yosemite Mammoth Wax.**—The largest podded of all wax beans. By mail, postpaid, pkt. 5c, pt. 28c, qt. 50c; by express or freight, at purchasers' expense, pt. 20c, qt. 35c, peck \$2.00, bu. \$7.50.

DWARF OR BUSH LIMA VARIETIES.

- Burpee's Bush Lima.**—A bush form of the large flat Lima. By mail, postpaid, pkt. 5c, pt. 28c, qt. 45c; by express or freight, at purchasers' expense, pt. 20c, qt. 30c, peck \$2.00, bu. \$7.25.
- Henderson's Bush Lima.**—Earliest and most productive of all the bush Limas. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.25.

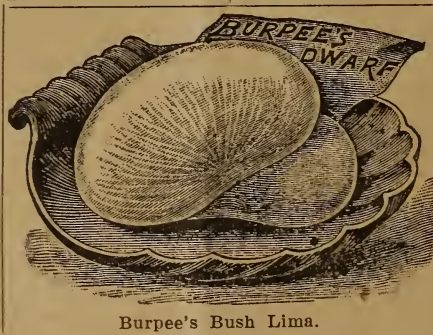
BEANS.—English or Broad.

German—Gartenbohne.

French—Fève de Marais.

Plant early in spring in rows about 4 feet apart, sow 4 inches apart in the row and 2 inches deep. As soon as the lower pods are set, pinch off the plant to insure well filled pods. Perfectly hardy.

Broad Windsor.—By mail, postpaid, pkt. 5c, pint 28c, qt. 45c; by express or freight, at purchasers' expense, pt. 20c, qt. 30c, peck \$1.50, bu. \$5.75.



Burpee's Bush Lima.

POLE BEANS.

according to the size of beans. Eight to twelve quarts plant an acre.

POLE GREEN PODDED VARIETIES.

- Horticultural or Cranberry.**—Can be used as a shell or snap bean. By mail, postpaid, pkt. 5c, pt. 28c, qt. 45c; by express or freight, at purchasers' expense, pt. 20c, qt. 30c, peck \$1.50, bu. \$5.25.
- Dutch Caseknife.**—Long flat green pods, and can be used as a shell or snap bean. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.25.
- Lazy Wife.**—Late beans, white; pods long and green. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.25.
- Scarlet Runner.**—Ornamental as well as edible. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.25.
- White Dutch Runner.**—Same as Scarlet runner, excepting color. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.25.
- Kentucky Wonder, or Old Homestead.**—A very early green podded variety, entirely stringless. By mail, pkt. 5c, pt. 28c, qt. 45c; by express or freight, at purchasers' expense, pt. 20c, qt. 30c, peck \$1.75, bu. \$5.90.

To afford a regular succession of crops throughout the season plant every two weeks, from the middle of spring to the end of summer but not until the soil becomes warm, as they are very sensitive to both heat and cold. Plant in rows 18 inches apart, two inches deep. One quart will plant 100 feet drill, two bushels to the acre in drills.

GREEN PODDED VARIETIES.

- Best of All.**—Early and of good quality; round, green, fleshy pods. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.25.
- Round Early Yellow Six Weeks.**—Very prolific; pods neither flat nor round. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.40, bu. \$4.90.
- Long Early Yellow Six Weeks.**—The leading market sort; flat green pods. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.40, bu. \$4.90.
- Early China.**—Early and continues long in bearing. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.40, bu. \$4.90.
- Refugee, Extra Early.**—Has all the superior qualities of the famous Refugee, and is two weeks earlier. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.25.
- Improved Red Valentine.**—A favorite with market gardeners. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.75, bu. \$6.90.
- Early Mohawk.**—Long, flat straight pods, very hardy. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.40, bu. \$4.90.
- Emperor William.**—Earliest and largest of snap beans; pods flat. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.25.
- Pride of Newton.**—Early and productive; light green flat pods. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.40, bu. \$4.90.
- White Marrow.**—Good either as a string or as a shell bean. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.25.

Dwarf Cranberry or Horticultural.—Late and productive. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.50, bu. \$5.25.

Canada Wonder.—Long pods; very productive. Seed when ripe has a red color. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.40, bu. \$4.90.

Refugee, Late, or 1000 to 1.—A main crop bean, productive and tender. By mail, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 15c, qt. 25c, peck \$1.40, bu. \$4.90.

Succeed best in sandy loam, which should be liberally enriched with manure Form hills from three to four feet apart; plant five or six beans in a hill, about two inches deep, leaving space in the center for the pole. One quart makes 100 to 200 hills,

POLE WAX PODDED VARIETIES.

- Black German Wax Pole.**—Well known yellow podded variety. By mail, postpaid, pkt. 5c, pt. 28c, qt. 45c; by express or freight, at purchasers' expense, pt. 20c, qt. 30c, peck \$1.75, bu. \$5.90.
- Mont d'Or or Golden Cluster.**—Ripens 10 days later than the Bush Golden Wax. By mail, postpaid, pkt. 5c, pt. 28c, qt. 45c; by express or freight, at purchasers' expense, pt. 20c, qt. 30c, peck \$1.75, bu. \$5.90.
- Golden Andalusia.**—Beans white and round, productive. By mail, postpaid, pkt. 5c, pt. 28c, qt. 45c; by express or freight, at purchasers' expense, pt. 20c, qt. 30c, peck \$1.75, bu. \$5.90.

POLE LIMA VARIETIES.

- Extra Early Lima.**—Earliest of Pole Limas. By mail, postpaid, pkt. 5c, pt. 28c, qt. 45c; by express or freight, at purchasers' expense, pt. 20c, qt. 30c, peck \$1.50, bu. \$5.50.
- Large White Lima.**—Ripens 90 days after germination. By mail, postpaid, pkt. 5c, pt. 23c, qt. 40c; by express or freight, at purchasers' expense, pt. 20c, qt. 30c, peck \$1.50, bu. \$5.50.
- King of the Garden Lima.**—Largest of Limas in pod and bean. By mail, postpaid, pkt. 5c, pt. 28c, qt. 45c; by express or freight, at purchasers' expense, pt. 20c, qt. 30c, peck \$1.50, bu. \$5.50.
- Small White or Sieva Lima.**—Small beans, but very productive. By mail, postpaid, pkt. 5c, pt. 28c, qt. 45c; by express or freight, at purchasers' expense, pt. 20c, qt. 30c, peck \$1.50, bu. \$5.50.



Early Blood Turnip.

Eclipse.

Dewing's.

Egyptian.

German-Salatrube. French-Betterave. Spanish-Remolacha.

Sow as early in the spring as the ground can be worked (4 to 6 lbs. to the acre), and every two weeks after for a succession, up to the first week of July. For general crop, sow about the middle of May. The soil should be light, sandy loam, well enriched with stable manure, and plowed and harrowed until very fine. Sow in drills 1 foot to 15 inches apart, and when well up, thin from 4 to 6 inches. The young Beets pulled out of the row are excellent, used as Spinach.

- Extra Early Egyptian.**—Early; flat in shape and dark of color. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.
- Extra Early Eclipse.**—Early; round-rooted and dark red. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.
- Dewing's Improved Early.**—Very early, and of fine form and flavor. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 45c.
- Edmand's Blood Turnip.**—Skin deep, blood and flesh very dark. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

- Early Blood Turnip.**—Dark red and of fine flavor. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 45c.
- Halfing Blood.**—Very dark color and a late variety. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.
- Long Smooth Blood.**—A late variety, of fine flavor. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 45c.
- Swiss Chard or Sea Kale Beet.**—This variety is grown only for its leaves, which are cooked like Spinach, and the mid-rib of the leaves can be prepared like Asparagus. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 45c.

For Sugar Beets and Mangel Wurzel, see Page 18 Farm Seeds Department.

Kiester, Minn.
"Were well pleased with last year's
Seeds." F. R. HAGEN.

CABBAGE.

Pawtucket, Rhode Island.
"Last year's Seeds proved entirely
satisfactory." J. GESCHWILL.

German-Kopf Kohl. French-Choux Poemes. Spanish-Repollo.

For early use, sow seeds of the early kinds in the hot-bed or in a box in the house, the last of January or early in February, and transplant them in the open ground in April, in rows two feet apart, and eighteen inches between the plants in the row; or sow a bed of seed outside as soon as the soil can be worked, if you do not care for real early cabbage. These may be transplanted in about four weeks. For second early cabbage, sow in April and transplant in May. For late cabbage, sow in May and transplant in July, in rows three feet apart and two feet between the plants in the row. One ounce of seed produces about 2,500 plants. Four ounces grow enough plants to set an acre.

EARLY VARIETIES.

- Express, or Earliest of All.**—The earliest of all varieties. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.40.
- Eclipse.**—Early and solid round heads. Pkt. 5c, oz. 30c, ¼ lb. 75c, 1 lb. \$2.50.
- Early Market.**—Early and a leading sort around Milwaukee. Pkt. 5c, oz. 30c, ¼ lb. 75c, 1 lb. \$2.50.
- Early Jersey Wakefield.**—A well known variety. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

SECOND EARLY VARIETIES.

- Henderson's Early Summer.**—A superior sort, producing large and solid heads. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.
- Surehead.**—Heads of equal size, large, and sometimes weighing 15 to 20 lbs. Pkt. 5c, oz. 20c, ¼ lb. 40c, 1 lb. \$1.50.
- Early York.**—A leading second variety. Pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00.
- Winningsstadt.**—An old and standard variety. Pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00.
- Fotter's Brunswick.**—Solid heads and a favorite market sort. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.
- Early Flat Dutch.**—A sure header and can be used for forcing or for general crop. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.
- All Head.**—A second early sort. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.

LATE VARIETIES.

- Luxemburg.**—Head very hard, of good size and of extraordinary weight. It is remarkable for its keeping qualities when buried over winter. Undoubtedly one of the best late sorts to grow, and everyone should give it a trial. Pkt. 10c, oz. 25c, ¼ lb. 90c, 1 lb. \$2.75.
- Large Late Flat Dutch.**—A valuable sort for main crop. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.
- Large Late Drumhead.**—A standard winter variety. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.
- All Seasons.**—A sure header and of large size. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.
- The Hollander.**—The cream of long keepers. Pkt. 5c, oz. 30c, ¼ lb. 75c, 1 lb. \$3.00.

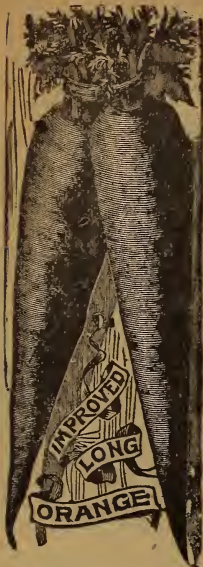
RED VARIETIES.

- Early Red Erfurt.**—A small round head of superior qualities. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.
- Large Red Dutch.**—A large head and a leading picking variety. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.

SAVOY VARIETIES.

- Early Dwarf Ulm.**—Small round deep green head, very early. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.
- American Drumhead.**—Large solid heads of fine quality. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.

We deliver all Seeds offered on this page free to any Post Office in the United States.



\$25.00

IN GOLD

HOW TO GET IT,

See Page 16.



German—Moehren. French—Carotte. Spanish—Zanahoria.

The Carrot, like other root crops, flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the fall before, all the better. Should be sown in early spring in drills from 15 to 18 inches apart, finally thinning plants to about three or four inches apart in the drill; keep clean by frequent hoeing and weeding. If neglected, the young plants are easily smothered, and your crop is lost. The seed is slow to germinate, and if sown early or on moist soil, half an inch is deep enough to cover the seed. One ounce sows 150 feet of row. Four pounds will sow an acre.

Early French Forcing.—Tender and fine for early and late crops and frames. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 75c.

Early Scarlet Horn.—Very thick roots and short in form. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Half-long Nantes.—Stump-rooted. A leading market sort. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 55c.

Half-long Danvers.—Thick, of good quality and very productive. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Chantenay.—Resembles the Half-long in appearance, but larger. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Oxheart or Gieradic.—Short thick roots, sometimes measuring more in width than in length. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Long Orange, Improved.—Best for stock-feeding. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Long White Belgian.—Very large and mostly used for stock. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 35c.

CAULIFLOWER.

German—Blumenkohl. French—Choufleur. Spanish—Coliflor.

Sow seed in the hot-bed in January or February and transplant the plants two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which in this latitude is usually from the 15th of March to the 10th of April. Set the plants two feet by fifteen inches apart. If properly hardened off, they are seldom injured by being planted out too early. When heading, tie the outside leaves loosely over the head to protect it from the sun. Water plentifully in dry weather. One ounce of seed gives 1,500 to 2,000 plants.

Extra Early London.—Large and hardy. Pkt. 5c, oz. 75c, ¼ lb. \$2.00, 1 lb. \$7.50.

Select Early Dwarf Erfurt.—Short stem and a leading variety. Pkt. 20c, ½ oz. \$1.35, oz. \$2.50, ¼ lb. \$8.00, 1 lb. \$29.00.

Select Early Snowball.—One of the best for forcing or open ground. Pkt. 25c, ½ oz. \$1.50, oz. \$2.90, ¼ lb. \$9.00, 1 lb. \$32.00.



CELERY FOR PROFIT.
BY
F. Greiner.

CELERY.

A valuable book on
Celery growing.
Paper Cover, 25c.

German—Sellerie. French—Celeri. Spanish—Apio.

Little of the seed is now sown in hot-beds, but is sown in a cold frame, or even out in open air, early in April, and in June and July is transplanted where it is intended to mature. The young plants, before transplanting, should be clipped down partially two or three times to promote stubby growth. On the ground, previously thoroughly enriched and cultivated, lay out lines three feet apart on the surface, not in trenches, as used to be planted. Set the plants in these rows about six inches apart. Cultivate frequently until the middle of August.

Improved White Plume.—Requires little banking up to blanch, as it has naturally white foliage; is early and a leading variety. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$1.75.

Golden Self-Blanching.—An improvement of the White Plume. Pkt. 5c, oz. 25c, ¼ lb. 75c, 1 lb. \$2.25.

Giant Pascal.—A self-blanching variety, and a good keeper. Pkt. 5c, oz. 20c, ¼ lb. 50c, 1 lb. \$1.75.

Pink Plume.—Resembles the White Plume, excepting that the stalks are tinged with pink. Pkt. 5c, oz. 25c, ¼ lb. 75c, 1 lb. \$2.50.

Crawford's Half Dwarf.—Of vigorous growth and of excellent flavor. Pkt. 5c, oz. 20c, ¼ lb. 50c, 1 lb. \$1.50.

Boston Market.—Of dwarf habit. Pkt. 5c, oz. 20c, ¼ lb. 50c, 1 lb. \$1.50.

New Rose.—Very crisp and good flavor. Pkt. 5c, oz. 25c, ¼ lb. 60c, 1 lb. \$2.00.

CELERAIC.—Turnip Rooted Celery.

German—Knollen-Sellerie. French—Celeraic-Rave. Spanish—Apio-Napo.

A variety of Celery having turnip-shaped roots, which, when cooked, sliced and used with vinegar, makes an excellent salad. It is more hardy, and may be treated same as Celery.

Large Erfurt or Turnip Rooted.—Has edible roots, used for soups and stews. Pkt. 3c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

Giant Prague.—Used for soups and stews. Pkt. 5c, oz. 15c, ¼ lb. 30c, 1 lb. \$1.75.

All Seeds offered on this page are delivered free to any Post Office in the United States.

Santa Clara, Utah.
Brazilian Flour Corn done
splendid. Bought 2 lbs. Net
result 240 lbs. flour and two
bags seed. G. M. Baumann.

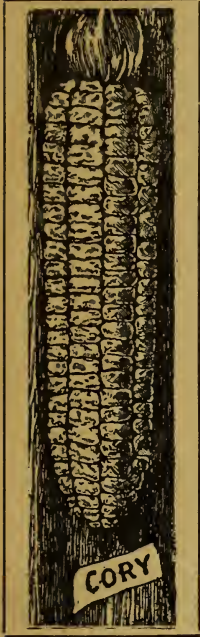
CORN. SWEET.

German—Welschkorn. French—Mais. Spanish—Maiz.

Lawrenceburg, Ind.
The 2 bu. of Genesee Winter
Wheat yielded 21 bu. of
nice, plump grain.
R. Baldoff.

For Field Corn, see pages 17 and 18, Farm Seeds Department

Sow in rows four and a half feet apart, or plant in hills, if in rich soil, a distance of about four feet each way. If the soil is poor and the variety dwarf, the distance apart may be lessened. Begin planting in May and continue until the last week in July. One quart to 200 hills; 8 to 10 quarts to the acre, in hills.



First of All.—A selection from Cory, coming in a few days earlier than that variety; is about the same size. Prepaid, pkt. 5c, pt. 15c, qt. 25c; not prepaid, pt. 10c, qt. 15c, peck 80c, bu. \$3.00.

Early Cory (Red Cob.)—Recognized throughout the United States as the standard early Sweet Corn. Ears eight-rowed, with red cob and broad light pink grains. A profitable sort to grow for early market. Prepaid, pkt. 5c, pt. 15c, qt. 25c; not prepaid, pt. 10c, qt. 15c, peck 80c, bu. \$3.00.

Early Minnesota.—An old, but most excellent variety both for market and home use. Ears fair size and uniform, eight rowed, kernels tender and sweet; color white. Nearly as early as Cory. Prepaid, pkt. 5c, pt. 15c, qt. 25c; not prepaid, pt. 10c, qt. 15c, peck 75c, bu. \$2.50.

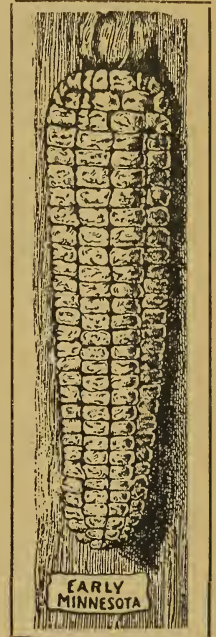
Perry's Hybrid.—Nearly as early as Minnesota, with larger ears, twelve to fourteen rowed, averaging two ears to a stalk. Kernels large, cooking white and tender. Prepaid, pkt. 5c, pt. 15c, qt. 25c; not prepaid, pt. 10c, qt. 15c, peck 80c, bu. \$2.90.

Chicago Market.—It has many good points to commend it, chief among which are earliness, large size, fine appearance (being well formed), great productiveness, two or three ears on a stalk, and superior table quality. It is twelve rowed, cob white, a stout, stocky grower, and is equally valuable for the home gardener and the trucker. Prepaid, pkt. 5c, pt. 15c, qt. 25c; not prepaid, pt. 10c, qt. 15c, peck 80c, bu. \$3.00.

Concord.—Of strong growth, ears large and well filled; medium late. Prepaid, pkt. 5c, pt. 15c, qt. 25c; not prepaid, pt. 10c, qt. 15c, peck 75c, bu. \$2.50.

Country Gentleman.—An excellent Corn for family use. The ears are a good size, with a small cob, and very deep, clear white kernels, tender and sweet. It is very productive, many of the stalks bearing three and four ears. Prepaid, pkt. 5c, pt. 15c, qt. 25c; not prepaid, pt. 10c, qt. 15c, peck 80c, bu. \$3.00.

Black Mexican.—Although the ripe grain is black or blue-black in color, the corn when in condition for table cooks almost white. It is very sweet and tender. Once tried in the family garden, it is sure to be continued. Prepaid, pkt. 5c, pt. 15c, qt. 25c; not prepaid, pt. 10c, qt. 15c, peck 75c, bu. \$2.50.



Stowell's Evergreen.—A general favorite with market gardeners and canners for late use. If planted at the same time with earlier kinds it will keep the table supplied until October. Prepaid, pkt. 5c, pt. 15c, qt. 25c; not prepaid, pt. 10c, qt. 15c, peck 75c, bu. \$2.50.

Mammoth Sugar.—Ripens a little later than Evergreen. Large ears. Kernels flat. Largely used by canners and market gardeners. Prepaid, pkt. 5c, pt. 10c, qt. 15c; not prepaid, pt. 10c, qt. 15c, peck 80c, bu. \$2.90.

CHICORY.

German—Cichorienwurzel. French—Cicore Sauvage. Spanish—Achicoria.

1 ounce for 100 feet of drill.
Sow in light rich soil in early spring in drills half an inch deep in rows one foot apart. Cultivate like Carrots. The roots are fleshy, and when dried and ground are mixed with or used as a substitute for coffee. The young leaves are used as salad, and are preferred by some even to the Dandelion.

Large Red Madgeburg.—Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 80c.

CORN SALAD OR FETTICUS.

German—Stecksalat. French—Mache.
Spanish—Macha o Valerianilla.

1 ounce to 35 feet of row.

It is used during the winter and early spring as a substitute for Lettuce. Cooked and served same as Spinach. Seed may be sown in August or September, in shallow drills, and protected in cold sections by leaves or straw during the winter. Cultivate the same as Lettuce, thinning 3 or 4 inches apart.

Large Leaved.—Pkt. 3c, oz. 10c, ¼ lb. 20c, lb. 60c.

Excepting Corn, we deliver all Seeds offered on this page free to any Post Office in the United States. Sweet and Pop Corn we quote "prepaid" and "not prepaid." Please notice.



Chicory.

POP CORN.

Golden Queen.—(Yellow.) The best variety for popping, a single kernel sometimes expanding one inch. Prepaid, pkt. 5c, pt. 18c, qt. 35c; not prepaid, pt. 10c, qt. 20c, peck 80c, bu. \$2.75.

Silver Lace.—(White.) Of a silvery white transparent color. Prepaid, pkt. 5c, pt. 18c, qt. 35c; not prepaid, pt. 10c, qt. 20c, peck 80c, bu. \$2.75.

CRESS OR PEPPER GRASS.

German—Kresse. French—Cresson.
Spanish—Mastuerzo.

A well-known pungent salad; can be used alone or with lettuce. Requires to be sown thickly (covering very lightly) at frequent intervals, to keep up a succession, as it soon runs to seed.

Curled Garden.—Very fine, may be cut two or three times. Pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 45c.

Upland Cress.—It is a hardy perennial, stays green nearly the whole year, and is ready for use before any other salad in the spring. Eaten like Lettuce or boiled like Spinach. It has the highly prized flavor of Water Cress. Sow in April in rows one foot apart. Pkt. 10c, oz. \$1.00, ¼ lb. \$3.50, 1 lb. \$12.00.

Water Cress.—This is a well-known hardy perennial aquatic plant sold in immense quantities in our markets in spring. It is easily grown by planting along margins of ponds and streams, where it increases both by spreading of the roots and by seeding. It has a particularly pleasant, pungent taste. Pkt. 5c, oz. 30c, ¼ lb. \$1.00, 1 lb. \$3.50.

CUCUMBERS

German—Gurke. French—Concombre. Spanish—Cohombro.

Plant in hills four feet apart, in well-prepared, warm, rich loamy soil. Mix a shovelful of well-rotted manure in each hill. The fruit should be picked when large enough, whether they are wanted or not, as it destroys the vitality of the vine if left to ripen. One ounce to 50 hills; two pounds to the acre, in hills.

Cool and Crisp.—As a cucumber for slicing we know of none better. Long and slim, pointed at the ends, very dark green, almost black. One of the earliest. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Green Prolific.—Great bearer of medium sized fruit that is excellent for slicing as well as for pickling. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Boston Pickle.—A favorite eastern variety of fine quality. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Early Short Green.—Productive and good for pickling. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Everbearing.—Very small, early and productive. A good pickler. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 55c.

Giant Pera.—Flesh clear white and very crisp. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Improved Long Green.—Long and crisp; good for pickling. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 55c.

Improved White Spine.—An early sort of fine shape and quality. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

CHICAGO PICKLING.



Wernich's Chicago Pickling.

It is undoubtedly the best cucumber for pickles, and is used almost exclusively by our pickle factories. The fruit is of medium length, pointed at both ends, with large and prominent spines; color deep green; begins to set its fruit when the vines are quite young. Lb. 60c, ¼ lb. 20c, oz. 10c, pkt. 5c.

Japanese Climbing.—Good for frames or open ground. Can also be trailed and makes nice shade where so trailed on verandas. Pkt. 5c, oz. 10c, ¼ lb. 35c, 1 lb. \$1.00.

New Goliath.—Grows enormously large, from 20 to 25 inches and larger. Grows equally well in frame or outdoors. Everyone should try them. Pkt. 5c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

English Cucumbers for Frames.

The following are for growing in hot-beds or houses particularly constructed for forcing, so that a supply can be furnished during the winter months, at which time the prices are very remunerative. Sow seeds in October, November or December, according to the time they are wanted.

Model Forcing.—Most excellent sort and prolific. Pkt. 25c.

Telegraph Forcing.—Free-bearing, long and handsome. Extensively grown. Pkt. 25c.

EGG PLANT.

German—Eierpflanze. French—Aubergine. Spanish—Berengena.

Sow in a hot-bed the first week in March, and plant out in June, about 2½ feet apart. For a small garden a few seeds may be raised in common flower-pots in the house. One ounce to 150 feet of drill.

Improved New York.—The best and only market sort. Pkt. 5c, oz. 35c, ¼ lb. \$1.00, 1 lb. \$3.50.

GARLIC.

German—Knoblauch. French—Ail. Spanish—Ajo.

Prepare the ground as for Onions; plant the bulbs in early spring, in drills twelve inches apart, four inches in the row; and cover two inches deep. Esteemed by many for flavoring soups and stews.

Bulbs.—Per bulb, 5c, ½ lb. 20c, 1 lb. 35c.

ENDIVE.

German—Endivien. French—Chicoree Endive. Spanish—Escarola o Endivia.

Sow in June, July and August; cover lightly; when up, thin to eight inches apart, and water well afterward, if dry. When the leaves are six or eight inches long, bleach by gathering in the hand and tying together near the top with yarn or bast. This must be done when quite dry, or they will rot. At the approach of winter, take up carefully, a ball of earth to each plant and place close together in frame or cellar for use. They must be kept dry, and have plenty of air, or they will rot.

Green Curled.—Standard variety for fall and winter crop. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

Broadleaved.—Sweet. For fall or winter. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

KALE.

German—Blätter Kohl. French—Chou Vert. Spanish—Breton.

Sow in prepared beds, middle of April to beginning of May, and transplant beginning of June same as Cabbage. All the varieties are very hardy, and are best when touched by frost. 1 oz. to 1,500 plants.

Half Dwarf Green Curled.—Very dwarf and of spreading habit. Pkt. 3c, oz. 10c, ¼ lb. 25c, 1 lb. 75c.

Tall Brown Scotch.—Very hardy. Pkt. 3c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00.

Siberian or Winter.—Dwarf, hardy and green curled. Pkt. 3c, oz. 10c, ¼ lb. 25c, 1 lb. 75c.

KOHLRABI.

German—Knoll Kohl. French—Chou Rave. Spanish—Colrabano.

When young and tender, they are fine for table use; when matured, they keep well and are excellent for feeding stock.

Early White Vienna.—Hands some and delicate. For forcing. Pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.75.

Early Purple Vienna.—A good sort, of purple color. Pkt. 5c, oz. 15c, ¼ lb. 60c, 1 lb. \$2.00.

Large Green.—Forms a large ball. Pkt. 5c, oz. 15c, ¼ lb. 30c, 1 lb. \$1.00.

LEEK.

German—Poree oder Lauch. French—Poireau. Spanish—Puerro.

Sow early in spring, and when plants are three or four inches high, thin to eight inches apart. Hoe the earth well up to the stalk to blanch it. One ounce to 100 feet of drill.

American Flag.—Popular market sort, hardy. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

Large Carentan.—A superior sort; dark leaves, very hardy. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

HOW TO MAKE THE GARDEN

... PAY ...

BY

T. GREENER.

A new work with a vast amount of useful and practical information. Illustrated. Cloth. Postpaid, \$2.15.



OPEN TO ALL.
Prize Competition for \$25.00.
For particulars, see page 16

LETTUCE.

MAKE A TRY
for the \$25.00 in Gold offered
on page 16.

German—Lattich-Salat. French—Laitue. Spanish—Lechuga.

The most used of all salads, is of easy culture, being almost free from all diseases and insects. It requires rich, moist soil, and clean cultivation. This will give the quick growth on which depends its appearance, tenderness and flavor. For early spring use, sow in a seed bed in September or October, and protect through the winter with cold frames, or in the South with leaves or litter, or sow in a hot-bed in early spring; as soon as the ground can be well worked, transplant in good, rich ground, 3 rows eighteen inches apart, and eight to ten inches in the rows. For a later supply, plant every two weeks from the middle of April until July, choosing varieties according to their heat resistance. If sown outside, to be cut young, sow thickly in drills or broadcast; but if fine, strong heads are desired, sow in drills one-fourth inch deep, eighteen inches apart, and thin, rather than transplant, to twelve inches apart in rows. One ounce of seed makes 2,000 plants.

Hanson.—A very fine heading variety of large size. The heads are very solid, sweet, tender and crisp. Pkt. 5c, oz. 10c, 1 lb. 35c, 1 lb. \$1.00.
Grand Rapids Forcing.—Large and tender. A forcing variety. Pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.25.
Black Seeded Simpson.—A superior forcing quality. Pkt. 5c, oz. 10c, ¼ lb. 35c, 1 lb. \$1.00.
Early Curled Silesian.—A leading early and tender variety. Pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. 90c.
Prizehead.—For general use this has no equal. Pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00.

Stubbornhead.—Solid heads, crisp and hardy. Pkt. 5c, oz. 15c, ¼ lb. 30c, 1 lb. 90c.
New York.—Well-known eastern sort. Pkt. 3c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00.
Silver Ball.—A white sort; firm heads. Pkt. 3c, oz. 10c, ¼ lb. 25c, 1 lb. 90c.
Yellow Seeded Butter.—Crisp and of fine flavor. Pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00.
St. Louis Butter.—Large solid heads, crisp and tender. Pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00.

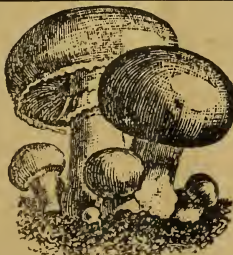
MUSHROOMS.

German—Essbarer Schwamm. French—Champignon.
Spanish—Seta.

One of the most profitable crops for the outlay that can be grown; the market is sure, because the supply never equals the demand. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at from 50 to 70 degrees. From some old pasture procure some good rich soil and store it away. To every bushel of this soil add two bushels of fresh horse manure. Of this well mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed 12 to 13 inches thick. It soon becomes pretty hot, and let the heat recede until it is only 85 or 90 degrees. Then make holes, say a foot apart, and put in a walnut, two or three pieces as large as a walnut in each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about twelve days; then cover the bed with two inches of fresh loam, and over this place four or five inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The beds will continue bearing from twenty to thirty days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water, and cover with hay as before. The main conditions in mushroom growing are proper and uniform temperature and very rich soil. One pound of spawn is sufficient for a bed 2x6 feet.

English.—In bricks. Prepaid, 1 lb. 25c; not prepaid, 8 lbs. \$1.00.

French.—Loose. Prepaid, 1 lb. 50c; 2½ lbs. \$1.25; not prepaid, 2½ lbs. \$1.00.



Mushroom Culture,

by
W. Robinson, F. L. S.
A book of authority on this popular esculent. Illustrated, "Cloth," post-paid, 55c.

MARTYNIA.

(For Pickles.) Gensenhorn.

Sow in May, in the open ground, three feet apart in each direction, where the plants are to remain; or, the seed may be sown in a hot-bed, and the seedlings afterward transplanted. Pick when small and tender, and preserve the same as cucumbers.
Proboscidea.—Pkt. 5c, oz. 30c, ¼ lb. \$1.00, 1 lb. \$3.00.

MUSTARD.

German—Senf. French—Moutarde.
Spanish—Mostazoe.

Mustard is not only used as a condiment, but the green leaves are used as a salad, or cut and boiled like Spinach. Cultivate same as Cress.

White English.—The leaves are light green, mild and tender when young; seed, light yellow. Pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 40c.

Brown or Black Mustard.—More pungent in flavor than the white. Pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 40c.

Okra or Gumbo.

German—Essbarer Ocher oder Safran.
French—Gombaud. Spanish—Gombo.

The pods, when young, are used in soups, stew, etc., and are very nutritious. Sow at the usual time of all tender vegetables, and set the plants from two to three feet apart in drills.

Improved Dwarf Green.—Tender and long pods. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Vegetable Orange, Vine Peach or Mango Melon.

They are excellent for preserves or sweet pickles, and, when fully ripe, are considered a delicacy sliced raw and served with sugar. Pkt. 10c, oz. 15c, ¼ lb. 45c, 1 lb. \$1.25.

J. Christiansen, So. Dak.
Last year's seeds proved again
that yours are the best.

MUSK MELON.

German—Melone. French—Melon. Spanish—Melon.

L. Reiser, Minn.
Am well satisfied with your
seeds. Will send order later on.

A rich, sandy soil is most desirable for melons. The seed should be planted when the ground has become warm, in hills six feet apart each way. Old, well-rotted manure should be thoroughly mixed with the soil in each hill; put six to ten seeds in the hill; finally, when danger from insects is past, leave three or four of the strongest plants only. If the plants grow very rank, the tips of the strongest shoots should be pinched off when about three feet long; also, if the fruit is excessive, they may be thinned out, which will cause the melons to ripen earlier and increase the size of the fruit. Melons may be forced like cucumbers, and the practice is growing in favor annually among melon men; as the method becomes better understood, and on account of the large profits gained by having home-grown melons in market some days ahead of the outside planting. Cultivate thoroughly and often to keep down the weeds and bugs. One ounce of seed for sixty hills; two or three pounds for an acre.



Netted Gem.

The Banquet.—Beautifully netted, medium size, flesh rich salmon. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Netted Gem.—Flesh green, size uniform, shape oval. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Green Citron.—A large melon of fine flavor, often weighing 12 lbs. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Extra Early Hackensack.—One of the earliest and of fine flavor. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Tip Top.—Possesses all good qualities and very early. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 65c.

Paul Rose.—A new red fleshed melon, a cross between the well-known Osage and Netted Gem, which gives it the sweetness of the former and the netting of the latter. It stands at the head as a market growers' melon. Pkt. 10c, oz. 20c, ¼ lb. 45c, 1 lb. \$1.25.

Princess.—Large green skin, yellow flesh, early and productive. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 45c.

Osage.—One of the best varieties for market gardeners. Pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 45c.

Winter Pine-apple.—An extraordinary melon, which can be kept in splendid condition for months after harvesting; late. Pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.25.

Shumway's Giant.—One of the largest. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 65c.

Long Yellow Cantaloupe.—Yellow flesh; very hardy and adapted for the north. Pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 35c.

Prolific Nutmeg.—Medium size, with flat ends. Very delicious. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 40c.



TIP TOP

Vienna, Md.
Very well satisfied
with your Seeds.
Emil Hoernecke.

WATERMELON.

German—Wasser Melone. French—Melon d' Eau. Spanish Sandia.

Belgrade, Minn.
Vegetable Seeds
done well.
Wm. Tennesen.

A light, sandy soil, with good exposure to the sun, is the best for Watermelons. It should be prepared deep, but receive shallow cultivation. Hoe often and thoroughly. If extra large melons are desired for exhibition purposes, leave but one or two melons on a vine. Plant in hills eight to ten feet apart each way, with a shovelful of well-rotted manure mixed with the soil in the hill. Plant eight or ten seeds in each hill, and, finally, when danger of insects is past, leave but three strong plants. One ounce of seed for thirty hills; one or two pounds for an acre.

Cole's Early.—The earliest and sweetest Watermelon. Will certainly ripen in our latitude. Flesh a beautiful red and deliciously sweet. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Kolb's Gem.—Large, bright red flesh. A good shipper. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Dixie.—Large, solid melon of excellent qualities. Flesh red. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Boss.—Oblong, dark green rind, deep scarlet flesh. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 40c.

Cuban Queen.—Regularly marked, early, solid and heavy. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Mammoth Iron Clad.—A late, long, large melon, red flesh; good shipper. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Rattlesnake.—Bright red flesh. Oblong in shape. Late. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Mountain Sweet.—An old reliable sort, of good quality. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Mountain Sprout.—A late sort, of excellent qualities. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 40c.

Citron.—Round and handsome, for preserving; red seed. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Colorado Preserving.—Used for preserves; green seed. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

ONION SETS.



Bottom Sets.

Top or Bottom Onions.—Prepaid, pt. 15c, qt. 25c;

Bottom sets are produced by sowing the seed very thickly (forty to sixty pounds to the acre) as early as the ground can be worked in the spring, in beds or broad drills, and no thinning out. About the middle of July, or whenever the tops die down, usually when about half an inch in diameter, they are pulled and allowed to remain on the ground a day or two, when the tops should be wrung off by hand, put into shallow trays or spread thinly in a dry loft; sets should be planted out as early in the spring as the ground is dry enough to work, in rows one foot apart, with sets two inches apart; the onions can be used in the green state in June, and will ripen in July.

(Prices subject to market fluctuation.)

White Shallots.—Prepaid, pt. 25c, qt. 40c; not prepaid, pt. 15c, qt. 30c. Prices in larger quantities on application.

Yellow Shallots.—Prepaid, pt. 25c, qt. 40c; not prepaid, pt. 15c, qt. 30c. Prices in larger quantities on application.

Yellow Bottom Sets.—Prepaid, pt. 15c, qt. 25c; not prepaid, pt. 10c, qt. 15c, peck 90c, bu. \$3.00.

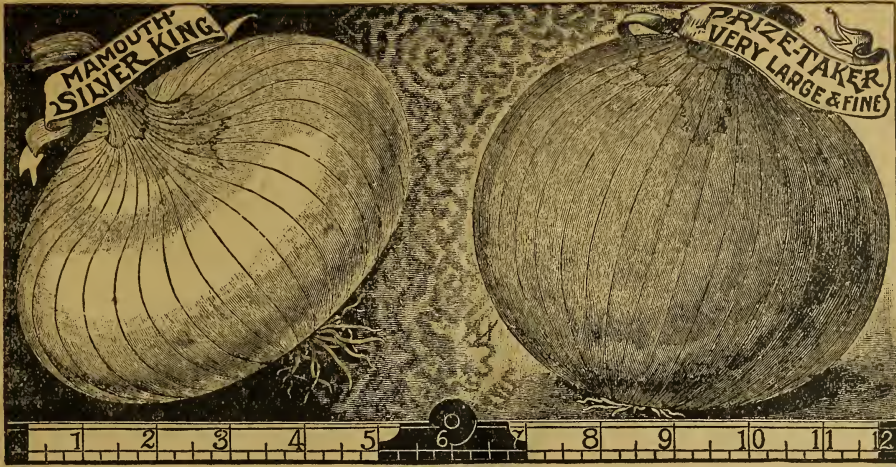
White Bottom Sets.—Prepaid, pt. 20c, qt. 35c; not prepaid, pt. 15c, qt. 25c, peck \$1.00, bu. \$3.25.

not prepaid, pt. 10c, qt. 15c, peck 90c, bu. \$3.00.

We deliver free all Seeds offered on this Page to any Post Office in the United States.

Onion Sets are delivered free at prepaid prices by the Pint and Quart.

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ONIONS.

German—Zwiebel. French—Ognon. Spanish—Cebolla.

Oregon, Ill.
Last years Seeds
were exceedingly
productive.
Leo Blem.

Auburn, Mass.
Your seeds certainly
are the best
to be had.
John Kempfski.

The Onion thrives best in rather strong, deep, loam soil, which should be well enriched with old well-rotted manure or compost, or what is better, deeply trench, add manure the autumn previous to sowing, and lay upon ridges during the winter to soften. Sow the seed in drills about one-quarter inch deep and one foot apart. To ensure quick and safe germination after sowing the seed, the drills should be trod along evenly with the foot, and raked even so that the hot, dry atmosphere may not dry up and destroy the sprouting seed. When three inches high, thin to two inches apart. Hoe frequently to keep down weeds. In the seed rows where the hoe cannot be used, the soil should be stirred with the fingers, otherwise weeds will quickly grow and choke the crop. One ounce of seed will sow one hundred feet drill; four pounds to the acre.

TWO NEW SORTS OF HIGH MERIT.

Improved Globe Wethersfield. An improvement over the old Red Wethersfield, from which it differs, not only in purity of stock and perfection of shape, but in earliness, productiveness and beauty of color. Globe-shaped Onions are preferable and more profitable than flat varieties to grow, as they occupy no more room in the row, but weigh more and measure better. Pkt. 10c, oz. 25c, ¼ lb. 80c, 1 lb. \$3.25, 5 lbs. \$15.00.

Minnesota White Globe.—A new White Onion of Handsome Shape and beautiful appearance. The outer skin posess that lustre so desirable and yet so often lacking in White Globe stock. Flesh pure snow white and of an extremely mild flavor. Pkt. 10c, oz. 25c, ¼ lb. 80c, 1 lb. \$3.25, 5 lbs. \$15.00.

Extra Early Red Globe.—Of the well known Southport strain, maturing as early as the Early Flat Red and Danvers. The Southport strains are much sought after, owing to their handsome appearance and to their being much heavier croppers than the flat types. Pkt. 5c, oz. 25c, ¼ lb. 65c, 1 lb. \$2.25.

Yellow Globe Danvers. Select Stock.—Our seed of this variety is the very best to be obtained and is of a stock of the true Globe shaped. Its uniformity of size and shape of bulbs and its long keeping qualities places it in the lead of all Yellow Onions. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25, 5 lbs. \$5.95.

Round Yellow Danvers.—Same as the preceding, but flatter; ripens early, is of good size and flavor. Unexcelled as a keeper. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.15, 5 lbs. \$5.25.

Southport White Globe.—A large, handsome, globe-shaped onion, skin and flesh a beautiful clear white. Flesh firm, very fine grained and exceedingly mild in flavor. A splendid keeper, and always commands a high price in the market. Pkt. 5c, oz. 25c, ¼ lb. 75c, 1 lb. \$2.25.

Extra Early Flat Red.—A medium-sized variety, producing abundantly and coming into use about two weeks earlier than Red Wethersfield. Pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.50.

Large Red Wethersfield.—A large cropper, and one of the best for marketing and shipping. Grows to large size. Strong flavor. A good sort, but not to be compared with our Improved Globe Wethersfield. Pkt. 5c, oz. 20c, ¼ lb. 40c, 1 lb. \$1.40, 5 lbs. \$6.50.

Yellow Strsburg.—One of the best keeping sorts. Bulb flat, skin dark yellow, flesh white and solid, and mild flavored. Pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.25.

Yellow Prize-Taker.—Largest in size, most handsome in appearance, and mild in flavor. Bulbs often weigh 3 and 4 lbs. each. In years past this onion used to be imported and sold at a high price in all grocery stores. Our seed is strictly American grown. Pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.25.

PICKLING VARIETIES.

White Queen.—Bulbs small, flat, pure white and of mild flavor. Pkt. 5c, oz. 20c, ¼ lb. 75c, 1 lb. \$2.50.

White Silverskin.—For bunching or pickling. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.10.

ITALIAN ONIONS.

White Mammoth Silver King.—Early and productive; skin and flesh white. Bulbs sometimes weigh three lbs. and over. Pkt. 5c, oz. 20c, ¼ lb. 75c, 1 lb. \$2.35.

Red Mammoth Pompei.—Rapid grower and very large, single specimens often weighing four pounds. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

White Pearl.—Extra early; a splendid Italian Onion of mild flavor; flesh and skin pure white. Good keeper. This Onion has won first premium at all fairs whenever shown. Our strain is particularly fine. Pkt. 5c, oz. 20c, ¼ lb. 75c, 1 lb. \$2.25.

Quality First Every Time in Onion Seeds.

Our growers of Onion Seed are the most particular in that branch of the business, who select, sort and plant only bulbs of the highest individual perfection, after which they pay the most careful attention to the details of cultivating, harvesting and curing.

How to raise 2,000 bushels of Onions per acre.

"The New Onion Culture."

... BY ...

G. F. GREINER.

A book which tells you how easily it is done.

Price, postpaid, 55c.

We earnestly request every grower of Onions, whether on a large or small scale, to give these two new varieties a trial, as we are sure that they are the two coming sorts of the future. Both are as pure and select a lot of Onion Seed as can be produced. For earliness and appearances, and as a marketing Onion, they have no equal.

We deliver all Seeds offered on this page free to any Post Office in the United States.

PEAS.

German—Erbse. French—Pois. Spanish—Guisante.

For first early Peas, sow in a light rich soil, as early in March or April as the ground can be worked; for later varieties, sow in April or May. Discontinue sowing from June to August, after which, by sowing an extra early sort, a good crop can generally be secured. As Peas suffer considerably from drought during the hot summer months it will be found of great benefit to sow the Peas in a trench six inches in depth, covering the Peas to a depth of two inches. As soon as sufficient growth has been made draw the earth about the vines. In this way a great deal more moisture is kept about the roots than if sown on the level and afterwards hilled up. The wrinkled varieties are not so hardy as the smooth sorts and should be planted later, owing to their liability to rot in the ground, but are much superior in flavor to the smooth Peas. Dwarf varieties sow in rows one foot apart, and the taller sorts from two to three feet apart. One quart to seventy-five feet of drill. Two bushels to an acre in drills.

Those marked with a star (*) are wrinkled marrows, and should be sown thicker than the round Peas, and not till the ground has become warm, as they are more liable to rot. They are the finest flavored of all Peas.

Extra Early Varieties.

Wernich's First and Best.—Ripens very early, so that the vines may be cleared off in two pickings, and the ground prepared for another crop before other early varieties come into use. The pods are very large and well filled with round Peas of fine flavor. Height 30 inches. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.00, bu. \$3.50.

Alaska.—The earliest blue Pea, very productive. Height 30 inches. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.00, bu. \$3.50.

***Nott's Excelsior.**—A new extra early wrinkled sort. Height 12 inches. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.10, bu. \$4.00.

***Premium Gem.**—Extra early, straight pods, well filled. Height 12 inches. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.00, bu. \$3.50.

***Little Gem.**—Extra early, straight pods. Height 12 inches. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.10, bu. \$3.90.

Tom Thumb.—Extra early. Height 12 inches. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.10, bu. \$3.90.

***American Wonder.**—Very productive. Height 12 inches. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.15, bu. \$4.50.

Early and Medium Varieties.

***Horsford's Market Garden.**—Standard sort, prolific. Height 30 inches. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.00, bu. \$3.25.

***Sutton's Satisfaction.**—An English sort, of good merit. Height 30 inches. Prepaid, pkt. 5c, pt. 23c, qt. 45c; not prepaid, pt. 20c, qt. 30c, peck \$1.35, bu. \$5.25.

***Heroine.**—Large, full pods; productive; quality perfect. Height 24 inches. Prepaid, pkt. 5c, pt. 23c, qt. 45c; not prepaid, pt. 20c, qt. 30c, peck \$1.10, bu. \$4.25.

French Canner.—A small Pea, used extensively for canning purposes. Height 48 inches. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck 90c, bu. \$3.00.

***Abundance.**—Round, well filled pods. Height 18 inches. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.00, bu. \$3.50.



Main and Late Varieties.

***Champion of England.**—Well known; sow thickly. Height 5 feet. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.00, bu. \$3.50.

***Stratagem.**—Very large pods; Peas of fine quality. Height 12 inches. Prepaid, pkt. 5c, pt. 23c, qt. 45c; not prepaid, pt. 20c, qt. 30c, peck \$1.35, bu. \$5.25.

Dwarf White Marrow.—Height 18 inches. Prepaid, pkt. 5c, pt. 18c, qt. 30c; not prepaid, pt. 10c, qt. 15c, peck 85c, bu. \$2.75.

Large White Marrowfat.—A heavy yielder. Height 4 feet. Prepaid, pkt. 5c, pt. 18c, qt. 30c; not prepaid, pt. 10c, qt. 15c, peck 65c, bu. \$2.25.

Blackeyed Marrowfat.—Very hardy and prolific. Height 3 ft. Prepaid, pkt. 5c, pt. 18c, qt. 30c; not prepaid, pt. 10c, qt. 15c, peck 65c, bu. \$2.25.

***Telephone.**—The leading market Pea, enormously productive. Vines very strong. It branches considerably, the branches bearing very large pods, containing wrinkled seeds of excellent quality. Height 4 feet. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.25, bu. \$4.75.

Sugar Varieties.

(Edible Pods.)

***Dwarf Wrinkled Sugar.**—Fine quality and productive. Height eighteen inches. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.25, bu. \$4.90.

Mammoth Sugar.—One of the best of the edibles. Height 5 feet. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.25, bu. \$4.90.

Tall Gray Sugar.—Height 5 feet. Prepaid, pkt. 5c, pt. 23c, qt. 40c; not prepaid, pt. 15c, qt. 25c, peck \$1.25, bu. \$4.90.

For Field Peas see page 28; Farm Seeds Department.

THREE BEST PEAS, FOR TABLE USE.

They may be planted at the same time and will be ready for use in succession and furnish an abundance of delicious Peas all summer.

NOTT'S EXCELSIOR, HEROINE & TELEPHONE.
SPECIAL OFFER.

1 Pint each of these three for 65c postpaid.
1 Quart each of these three for \$1.00 postpaid

PARSLEY.

German—Petersilie. French—Persil. Spanish—Perejil.

The seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance; it should be sown early in the spring in rows one foot apart; sow thick and cover half an inch deep; finally, thin to 5 or 6 inches in the rows or transplant and cut back frequently. 1 oz. for 150 feet of drill.

Fine Double Curled.—A fine dwarf variety. Pkt. 3c, oz. 10c, ¼ lb. 25c, 1 lb. 75c.

Plain.—The leaves are plain; it is harder than the curled. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Hamburg, or Turnip-Rooted.—A fleshy, rooted kind; the roots are used for flavoring soups. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

The Weed Slayer.

A handy tool for garden cultivating. Cuts 1½ in. deep and 7 in. wide.



Especially adapted for cultivating Onions.
It is so light (8 lbs.) a child can operate it.

Price
only
\$1.95

PARSNIPS.

German—Pastinake. French—Panais. Spanish—Chirivía.

Sow as early in the spring as the weather will admit, in drills fifteen inches apart and half an inch deep, in rich, well-manured ground, well dug. Cultivate similar to Carrots, and thin out to six inches apart in the rows. The roots improve by leaving them in the ground over winter, securing enough in pits or the cellar for immediate use. One ounce to 200 feet of drill, five or six pounds to an acre.

Guernsey.—Half long; good cropper. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Long Smooth or Hollow Crown.—The best for table use. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 50c.

PEPPER.

German—Pfeffer. French—Piment. Spanish—Pimiento.

Sow in hot-beds in March, and when the soil has become warm, set in rows two feet apart and eighteen inches in the rows; hoe frequently, and keep down all weeds.

Procup's Giant—Scarlet red fruit, eight to ten inches in length and three inches in diameter. Pkt. 5c, oz. 30c, ¼ lb. 85c, 1 lb. \$3.00.

Ruby King—Large, bright red fruit; mild. Pkt. 5c, oz. 20c, ¼ lb. 65c, 1 lb. \$2.25.

Sweet Spanish—(Bell Shaped.) A pickling variety. Pkt. 5c, oz. 25c, ¼ lb. 60c, 1 lb. \$2.00.

Golden Dawn—Handsome and mild. Pkt. 5c, oz. 25c, ¼ lb. 75c, 1 lb. \$2.25.

Chili Red—Productive and largely used for pickling. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.25.

PUMPKINS.

German—Feld-Kuerbis, French—Potiron. Spanish—Calabaza Fotanera.

Pumpkins are not so particular in regard to soil as melons or cucumbers, but in other respects are cultivated in a similar manner, though on a larger scale. They are generally raised in fields of corn and potatoes, and may be planted with success in fields by themselves, in May or early June, in hills eight feet apart each way. One ounce for fifteen hills; one pound for an acre.

Calhaun—Very superior quality; yellow flesh; fine for pies. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Large Cheese—Flat, and one of the best varieties for family use. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Wernich's Mammoth Giant—The largest of all sorts, sometimes weighing 250 lbs. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 75c.

Connecticut—Grown for stock; productive. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 40c.

Negro—Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 55c.

RADISH.

German—Rettig. French—Radis. Spanish—Rabano.

All the varieties thrive best in light sandy loam. For early use, sow in hot-bed in February, giving plenty of ventilation, or outside in drills as soon as the soil can be gotten in order, covering the seed about half an inch deep. Sow every two weeks from March to September for a succession. They must grow rapidly to be crisp, mild and tender. One ounce for 100 feet of drill; eight to ten pounds for an acre.



Scarlet Globe Radish.

Earliest Forcing Scarlet Globe—The best for forcing. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 65c.

Early Scarlet Turnip—Matures rapidly. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

White Tipped Scarlet Turnip—An early variety of medium size and very handsome appearance. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

White Summer Turnip—Very large and round in form. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Gray Summer Turnip—Very good variety for field sowing. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 55c.

Golden Summer Turnip—Smooth and bright yellow skin. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

French Breakfast—Very early, and should be pulled when quite small. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Long Red—Long and crisp. For frames or open ground. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Japanese Long White—Flesh pure white and crisp. Pkt. 3c, oz. 10c, ¼ lb. 25c, 1 lb. 75c.

Strasburg—Can be sown at intervals throughout the summer. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

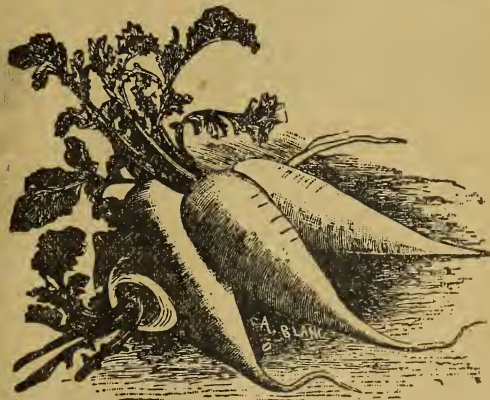
Stuttgart White Mammoth—Very early and very large. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

California White Mammoth—A very large winter variety. Pkt. 3c, oz. 10c, ¼ lb. 25c, 1 lb. 75c.

China Winter—A fine and salable variety. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Round Black Spanish—A fine winter sort. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Long Black Spanish—The popular winter sort. Pkt. 3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.



White Strasburg.

RHUBARB.

German—Rhabarber. French—Rhubarbe. Spanish—Ruibarbo.

Pie Plant—Wine Plant—A deep, rich soil is best for Rhubarb. Sow early in drills eighteen inches apart and one inch deep; the spring following, transplant, allowing each plant at least two feet square; each fall mulch with manure. One ounce makes about 600 plants.

Linnaeus—Very early, large and crisp. Pkt. 5c, oz. 10c, ¼ lb. 35c, 1 lb. \$1.25.

Victoria—Larger and later than Linnaeus. Pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.50.

RHUBARB CULTURE.

By Fred. S. Thompson.

This work is by a practical grower, one of the largest in the country; it gives the best varieties, essential points in growing good rhubarb, and the results of the author's experience; it is a complete guide for all. Illustrated... Paper Cover, 50c; Cloth Cover, \$1.00



Scorzonera.

SALSIFY OR OYSTER PLANT.

German—Bochsart. French—Salsifis. Spanish—Salsif Blanco.

Grows best in light, well-enriched soil, which, previous to sowing the seed, should be dug up to a depth of eighteen inches. Sow early in spring in drills fifteen inches apart and one and one-half inches deep, and when the plants are strong enough, thin out to six inches apart. One ounce to 70 feet of drill.

Large White—Very thick and smooth. Pkt. 3c, oz. 10c, ¼ lb. 30c, 1 lb. 90c.

Mammoth Sandwich Island—Large and superior. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

SCORZONERA, OR BLACK OYSTER PLANT.

Requires the same treatment as Salsify.

Black—Is prepared the same as Salsify for the table. Pkt. 5c, oz. 20c, ¼ lb. 50c, 1 lb. \$1.50.

SEA-KALE.

German—Seekohl, Meerkohl. French—Crambe Maritime.

Grown for its blanched shoots, which are cooked as Asparagus. By planting the roots closely in a warm cellar, a supply may be had all winter. Sow in drills two feet apart, thin out to six inches, and the following spring plant in hills three feet apart.

Sea Kale.—Pkt. 10c, oz. 30c, ¼ lb. \$1.00, 1 lb. \$3.00.

SORREL.

German—Sauerampfer. French—Oseille.
Spanish—Acedera.

Culture.—Sow in spring in drills eighteen inches apart, in a rich soil, and keep the flower-stems cut off as they appear. It remains in the ground year after year, and only needs to be taken up and divided once in four or five years. To be cut and cooked precisely like Spinach; or it is excellent cooked with it, one-third Sorrel to two-thirds Spinach. Very nice to be eaten after it has become cool. Inasmuch as the hot sun tends to increase its acidity, a northern exposure is preferable.

Broadleaved.—Extensively used among the Germans. Pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

SPINACH.

German—Spinat. French—Epinard. Spanish—Espinaca.

For spring use, sow early in drills one foot apart, and for succession every two weeks. As it grows, thin out for use, keeping it clear of weeds. For fall use, sow in August; for winter use, sow in September in well manured ground; mulch with straw on approach of severe cold weather. One ounce for 100 feet of drill; 10 pounds for an acre in drills.



Spinach.

Longstanding.—Very longstanding before running to seed. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 40c.

Prickly or Winter.—Vigorous and hardy. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 35c.

New Zealand Summer.—Grows well during hot weather. Pkt. 3c, oz. 10c, ¼ lb. 30c, 1 lb. 75c.

Round-Leaved.—A standard variety. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 35c.

Round Thick-Leaved.—Dark green leaves; crisp and tender. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 40c.

Bloomsdale Savoy-Leaved.—Fine large, tender leaves. Pkt. 3c, oz. 10c, ¼ lb. 15c, 1 lb. 35c.

SQUASH.

German—Melonen Kürbis. French—Courge.
Spanish—Calabaza.

Squashes should not be planted until all danger from frost is past, but get in the winter kinds as soon as possible, in order that they may mature. Plant in hills five feet apart for bush varieties, and six or eight feet for running varieties, putting six or eight seeds to the hill, finally leaving but three plants. One ounce of the Bush varieties for forty hills, or of the large-seeded kinds, fifteen hills; two to three pounds of the Bush, and three to four pounds of the large-seeded for an acre.

SUMMER VARIETIES.

Giant Summer Crookneck.—

The largest squash. Pkt.

3c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

White Bush.—Very early;

a favorite market sort.

Pkt. 3c, oz. 10c, ¼ lb. 20c,

1 lb. 50c.

Golden Custard Bush.—

Resembles White Bush,

excepting color. Pkt. 3c,

oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Pineapple.—Prolific; pecu-

liar shape; skin and

flesh white. Pkt. 3c, oz.

10c, ¼ lb. 20c, 1 lb. 50c.

WINTER VARIETIES.

Boston Marrow.—Oval,

bright orange, flesh yellow.

Pkt. 3c, oz. 10c, ¼ lb.

20c, 1 lb. 50c.

Prolific Marrow.—A val-

uable and prolific sort. Pkt.

3c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Bay State.—Hard Shell, for

fall and winter. Pkt. 3c, oz.

10c, ¼ lb. 20c, 1 lb. 60c.

Hubbard.—A late sort, of superior

quality. Pkt. 3c,

oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Mammoth Chili.—Enormous size,

of a rich yellow

color. Pkt. 5c, oz. 10c, ¼ lb.

50c, 1 lb. 75c.

TOBACCO.

Burn a quantity of brush and rubbish in the spring on the ground intended for the seed-bed, then dig and thoroughly pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are about six inches high, transplant into rows four or five feet apart each way, and cultivate thoroughly with plow and hoe.

Connecticut.—Fine long leaf. Best adapted to the Northern states. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

Havana.—Very early and of fine flavor. Pkt. 5c, oz. 25c,

¼ lb. 75c, 1 lb. \$2.50.

Sumatra.—It is this variety from which the famous Sumatra wrappers are made. Pkt. 5c, oz. 50c, ¼ lb.

\$1.50, 1 lb. \$5.50.



Hubbard Squash.

TOMATO.

German—Liebesapfel. French—Tomate. Spanish—Tomate.

The seed should be sown in a hot-bed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out about four or five inches apart in another hot-bed. About the middle of May the plants may be set in the open ground; they are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. One ounce will produce about 2,000 plants.

Stone.—The heaviest and most solid fruited of the larger varieties. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$1.80.

Early Minnesota.—Earliest of all productive and of fine flavor. Pkt. 5c, oz. 25c, ¼ lb. 75c, 1 lb. \$2.25.

Dwarf Champion.—A purple fruited variety; bushes two feet high and stand erect. Sometimes called the Tree Tomato. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$1.75.

Ponderosa.—A large sort, single specimens sometimes weighing 3 pounds and over. Pkt. 5c, oz. 25c, ¼ lb. 85c, 1 lb. \$3.00.

Acme.—A red, medium sized tomato, oval form. Pkt. 5c, oz. 20c, ¼ lb. 50c, 1 lb. \$1.65.

Golden Trophy.—The best yellow sort; early, large and solid. Pkt. 5c, oz. 20c, ¼ lb. 65c, 1 lb. \$2.00.



Livingstone's Perfection.—It is larger than the Acme and the earliest market sort. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.

Livingstone's Favorite.—Large, perfect form; smooth skin; firm flesh. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.

Yellow Plum.—A small variety, extensively used for pickling. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

Red Cherry.—A small cherry-shaped variety, red in color, principally used for pickling. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

Strawberry or Winter Cherry.—Excellent for pickling. Is a good keeper on account of having a shell outside of the skin, which affords extra protection. Pkt. 5c, oz. 20c, ¼ lb. 55c, 1 lb. \$1.90.

TURNIPS AND RUTABAGAS.

German—Steckrube. French—Navet. Spanish—Nabo Comun.

Turnips may be sown at all seasons, from April to August in our climate, although those will be the best which are sown very early in the spring for summer crop, and early in August for a fall and winter crop. A light soil, well manured the previous year, is the best; no manure should be applied at the time of sowing, unless it be well decomposed compost, or the roots are liable to be bad-flavored. The ground should be dug and plowed deep and made mellow and fine. Sow the seeds of the flat sorts broadcast, and rake in evenly. After they are well up, thin to six or eight inches apart, and keep them clear from weeds. The Rutabaga sorts should be sown in drills fifteen inches apart, and for winter use may be sown from the twentieth of June to the middle of July, on land that has been well manured for other crops in spring; thin out as for the early crop. One ounce will sow 150 feet drill. Two pounds will sow 1 acre in drills. One pound will sow one acre broadcast.

Extra Early Purple Top Milan.—A splendid new strap-leaved variety that is ready for use fully two weeks earlier than the Purple Top Strap-leaved. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 70c.

Early Flat Dutch.—A good white early sort. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Purple Top Strap Leaf.—A good white early sort. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Early Snowball.—Small, and of rapid growth. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

Amber Globe.—A good sort; very mild in flavor. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

White Egg.—Oval, handsome and sweet. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Teltow or Small Berlin.—The best table sort. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 85c.

Purple Top or White Globe.—The standard sort in the East. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.



Purple Top Milan.

Pomeranian White Globe.—A large and most perfect globe in shape; skin white and smooth. Of strong growth and one of the most productive varieties. Valuable for both table and stock. Pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 40c.

Cow Horn.—Resembles a cow horn in shape. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

RUTABAGA VARIETIES.

The Swedes are really preferable for stock feeding on account of their superior nutritive as well as better keeping qualities. Some of the finest are desirable and popular for table use also.

Wernich's Improved Purple Top.—The finest for table or stock. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 55c.

Bloomsdale Purple Top.—A standard and productive sort. Pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 45c.

Large White.—Large and productive. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

Yellow Swede.—For table or stock use. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

HERBS.

COLLECTIONS POSTPAID.
12 Packets, our choice, \$0.40
12 Packets, your choice, 50
The whole collection (24 packets)..... 1.00



SWEET BASIL.



SAGE.



SWEET MARJORAM.



SUMMER SAVORY.



THYME.

Herbs are a household necessity for a variety of purposes, viz., seasoning, medicinal, pickling, etc.

Herbs in general delight in a rich, mellow soil. Sow the seeds early in spring in shallow drills, one foot apart; when up a few inches thin out to proper distance or transplant. Care should be taken to harvest them properly. Do this on a dry day, just before they come into blossom; dry quickly in the shade, pack close in bottles or dry boxes to exclude the air entirely.

Anise.—For garnishing. Pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00.
Balm.—For making tea or wine. Pkt. 5c, oz. 30c, ¼ lb. 90c, 1 lb. \$3.00.
Basil, Sweet.—Leaves used in cooking. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.
Borage.—Good for bees. Pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.75.
Caraway.—The seed is used for medicine. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 75c.
Catnip.—For medicinal purposes. Pkt. 5c, oz. 40c, ¼ lb. 90c, 1 lb. \$3.25.
Coriander.—Seeds used by confectioners. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 75c.
Dill.—Leaves are used in pickling. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.
Fennel.—Leaves are used in sauces. Pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00.
Horhound.—For medicinal purposes. Pkt. 5c, oz. 30c, ¼ lb. \$1.00, 1 lb. \$3.00.
Hyssop.—Used as a tea. Pkt. 5c, oz. 25c, ¼ lb. \$1.00, 1 lb. \$3.00.
Lavender.—Aromatic Herb. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

Marjoram Sweet.—For seasoning. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.35.
Pennyroyal.—Aromatic Herb. Pkt. 5c, oz. 75c, ¼ lb. \$2.50, 1 lb. \$8.00.
Rosemary.—Aromatic Herb. Pkt. 5c, oz. 20c, ¼ lb. 75c, 1 lb. \$2.85.
Rue.—Given to Poultry for roup. Pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.75.
Saffron.—For medicinal purposes. Pkt. 5c, oz. 10c, ¼ lb. 35c, 1 lb. \$1.25.
Sage.—Leaves used in sauces. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.
Savory Summer.—For seasoning. Pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00.
Tansy.—For medicinal purposes. Pkt. 5c, oz. 30c, ¼ lb. \$1.00, 1 lb. \$3.50.
Taragon.—Used for seasoning. Pkt. 25c, oz. \$5.00.
Thyme.—For seasoning. Pkt. 5c, oz. 25c, ¼ lb. 60c, 1 lb. \$2.25.
Woodruff.—Used for making wine. Pkt. 10c, oz. 50c, ¼ lb. \$1.35, 1 lb. \$5.00.
Wormwood.—Beneficial to poultry. Pkt. 5c, oz. 25c, ¼ lb. 75c, 1 lb. \$2.25.

We deliver all Seeds offered on this page, free to any Post Office in the United States.



OUR BARGAIN COLLECTIONS.

WARNING.

In offering these Bargain Collections, we do not want you to think that we are trying to get rid of old stock. The seeds in these collections are of the same stock as those sold regularly in 5 cent packages. Speaking of packages, we want to say right here that we make up our own package seeds every season, therefore you are sure of receiving only fresh seeds.



SOME PEOPLE

will say, "Oh, we don't use a great quantity of seed, and it is more convenient to get what little we need from our grocer." We doubt it, dear friend, for all you have to do to buy Seed from us is, send for a Catalogue, if you are unfortunate enough not to be on our mailing list; it costs you nothing. Look it over, select the Seeds you desire, write the varieties carefully on the Order Sheet, which we furnish, together with a Return Envelope, free of charge; enclose the amount, mail to us, and receive the seeds in due time. Just try it, and see what little inconvenience it is.

As a special inducement, we offer the following collections, postage paid, at about 3 cents per package. Cheap—well, we should say so, but we want to become and remain your Seedsmen; that is why we make these astonishingly low offers.

Vegetable Seed Collection No. 1.

25 cts. Postpaid.

- Beet. Early Blood Turnip.
- Cabbage. Early.
- Cucumbers. Pickling.
- Carrot. Half-long.
- Kohlrabi. White Vienna.
- Lettuce. Silesian.
- Radish. Scarlet Turnip.
- Rutabaga. Purple Top.

Vegetable Seed Collection No. 2.

50 cts. Postpaid.

- Beans. Golden Wax.
- Beets. Early Blood Turnip.
- Cabbage. Early.
- Carrots. Half Long.
- Celery. Half Dwarf.
- Corn. Cory, Sweet.
- Cucumber. Pickling.
- Kohlrabi. White Vienna.
- Lettuce. Silesian.
- Musk Melon. Canteloupe.
- Onion. Globe Danvers.
- Peas. Tom Thumb.
- Radish. Scarlet Turnip.
- Rutabaga. Purple Top.
- Tomato. Acme.
- Turnip. Pomeranian White Globe

Sweet Pea Collection.

30 cts. Postpaid.

One package each of the following varieties sweet peas. Selected and ordered separately, these 12 packages would cost you 60 cts. anywhere else.

- | | |
|---------------------|---------------------|
| Adonis. | Lovely. |
| Blanche Burpee. | Maid of Honor. |
| Blushing Beauty | Mrs. Gladstone. |
| Celestial. | Princess Beatrice. |
| Countess of Radnor. | Scarlet Invincible. |
| Indigo King. | White. |

One ounce each of the above, all put up separately, mailed free for 75 cents.

Everlasting Flower Collection.

Everlasting Flowers, besides blooming outdoors all summer, can be cut and dried for decorating the parlor during winter, retaining all their color and brilliance.

- 20 cts. Postpaid.
- Acrolinum. Mixed.
 - Ammobium.
 - Gomphrena. Mixed.
 - Helichrysum. Mixed.
 - Rhodanthe. White and rose.
 - Xeranthemum. Mixed.

Flower Seed Collection No. 1.

25 cts. Postpaid.

- Alyssum. Sweet.
- Candytuft. Mixed.
- Dianthus. Mixed.
- Gourds. Mixed.
- Mignonette. Reseda Odorata.
- Poppy. Mixed.
- Scabiosa. Mixed.
- Sweet Peas. Mixed.

Flower Seed Collection No. 2.

50 cts. Postpaid.

- Asters. Mixed.
- Alyssum. Sweet.
- Candytuft. Mixed.
- Chrysanthemum.
- Dianthus. Mixed.
- Gourds. Mixed.
- Larkspur. Mixed.
- Mignonette. Reseda Odorata.
- Pansy. Mixed.
- Poppy. Mixed.
- Portulaca. Mixed.
- Scabiosa. Mixed.
- Sweet Peas. Mixed.
- Verbena. Mixed.
- Wallflower. Mixed.
- Zinnia. Mixed.

TREE AND SHRUB SEEDS.

The growing of forest trees from seed is in the case of some varieties a very simple and easy process, requiring but little care or skill on the part of the grower. Some varieties require special treatment and greater care and attention to insure success, while others are very difficult to grow, and with such planters are not very likely to succeed until after repeated failures. One important fact in connection with this subject must always be kept in view; and that is, it takes time for tree seeds to germinate, in some cases only a few days, in others several weeks, while quite frequently they will lie dormant the whole season before commencing to grow.

ENGLISH NAME.	LATIN NAME.	Per Pkt.	Per Oz.	Per ¼ lb.	Per 1 lb.	ENGLISH NAME.	LATIN NAME.	Per Pkt.	Per Oz.	Per ¼ lb.	Per 1 lb.
EVERGREENS.						DECIDUOUS.					
Cypress.....	Cupressus.....	\$0.05	\$0.40	\$1.25	\$4.00	Tree of Heaven....	Ailanthus Glandulosa	\$0.05	\$0.15	\$0.40	\$1.00
European Juniper	Juniperus Communis.	.06	.15	.45	1.25	Box Elder.....	Acer Negundo.....	.08	.05	.15	.45
Blue Spruce.....	Picea Engelmannii..	.10	.60	2.00	6.00	Sugar Maple.....	Acer Saccharinum....	.05	.10	.30	1.10
Douglas Spruce..	Picea Douglasii.....	.05	.30	.95	3.00	European Birch..	Betula Alba.....	.05	.10	.25	.90
Norway Spruce..	Picea Excelsa.....	.05	.15	.40	1.00	Catalpa.....	Catalpa Speciosa....	.05	.15	.40	1.00
Silver Fir Spruce	Picea Taxifolia.....	.10	.60	2.00	6.00	European Ash....	Fraxinus Excelsior..	.05	.10	.20	.70
Austrian Pine....	Pinus Austriaca.....	.05	.15	.45	1.25	White Mulberry..	Morus Alba.....	.05	.20	.60	1.75
Scotch Pine.....	Pinus Sylvestris....	.05	.15	.40	1.00	Black Mulberry..	Morus Nigra.....	.05	.20	.60	1.75
White Pine.....	Pinus Strobus.....	.05	.20	.60	2.20	European Basswood	Tilia Europaea.....	.05	.10	.30	1.00
SHRUBS.						HEDGE.					
White Fringe....	Chionanthus Virginica	.05	.20	.60	2.25	Hawthorn.....	Crataegus Oacantha..	.05	.15	.40	1.25
Golden Chain Tree	Cytissus Laburnum....	.05	.15	.40	1.25	Dog Rose or Briar	Rosa Canina.....	.05	.10	.20	.50
Lilac.....	Syringe Vulgaris....	.05	.20	.60	2.00	Honey Locust....	Gleditschia Tricacantha	.05	.10	.20	.50
Whin or Furze...	Ulex Europaeus.....	.05	.10	.25	.75	Buckthorn.....	Rhamus Catharticus..	.05	.15	.40	1.25
Snowball.....	Viburnum Opulus....	.05	.25	.75	2.50	Acacia.....	Robina Pseudacacia..	.05	.10	.20	.50
FRUIT.						SMALL FRUIT.					
	Pkg. ¼lb. 1 lb.		Pkg. ¼lb. 1 lb.				Pkg. Doz. ¼lb.		Pkg. Doz. ¼lb.		
Apple.....	\$0.05 \$0.15 \$0.50	Pear Seeds.....	\$0.05 \$0.40 \$1.25	Currants, Red..	\$0.10 \$0.30 \$0.90	Grape.....	\$0.10 \$0.25 \$0.65				
Apricot Pits....	.05 .15 .50	Plum Pits.....	.05 .15 .50	Currants, White	.10 .30 .90	Raspberry.....	.10 .25 .80				
Cherry Pits.....	.05 .15 .50	Quince.....	.05 .60 1.75	Gooseberry..	.10 .75 2.75	Strawberry Alpine	.10 .85 3.00				

We deliver all Seeds offered on this Page Free to any Post Office in the United States.



All our seeds in this department are Northern grown from carefully selected stock seed. It has become an established fact that the farther north seed can be grown and fully matured, the better it is. This led us years ago to devote our special attention to the culture of improved farm seeds, the result being that our seeds have earned for us a reputation throughout the country as growers of the finest seed grain.

CHANGE YOUR SEED.

All practical farmers AGREE that seed grown year after year under the same conditions of soil and climate "RUNS OUT" after a time, rendering a change of seed not only DESIRABLE, but NECESSARY. To such we offer NORTHERN GROWN STOCKS of the BEST VARIETIES, CAREFULLY SELECTED, THOROUGHLY RE-CLEANED, and PRICES SO REASONABLE as to enable every farmer who wishes to get a new start in SEED OATS, BARLEY, CORN, ETC., to do so at a VERY SMALL EXPENSE.

We shall be pleased to send samples and quote special prices on any of the following Seeds.

BARLEY.

Manschury.—A six-rowed variety, plump kernels, straw long and a heavy yielder. Peck 30c, bu. \$1.00, 2½ bu. \$2.30, 5 bu. \$4.85, 10 bu. \$8.25.

German Melon.—This barley was introduced by us some years ago, and has given the best of satisfaction wherever grown. Brewers prefer this sort to all others. Peck 35c, bu. \$1.25, 2½ bu. \$3.00, 5 bu. \$5.50, 10 bu. \$10.00.

Beardless Barley.—All barley growers have experienced the annoyance occasioned by the chafing and sticking of the beards while threshing. This nuisance has been overcome in the New Beardless Barley, which is entirely free from beards. This barley is six-rowed, the straw grows to a good height, is stiff and strong, which seldom lodges. Peck 50c, bu. \$1.25, 2½ bu. \$3.00, 5 bu. \$5.50, 10 bu. \$10.00.

Giant White Hullless.—This is the most prolific fat and health producing food for hogs, cattle and poultry extant to-day. Of course, the farmer living in the corn-growing states of Illinois, Iowa and Nebraska believes that he has a better food in corn than in this Giant White Hullless Barley, but the fact of the matter is that this is a mere assumption, because he has not given this Barley a trial side by side with his rich corn. But take, for instance, states where corn does not thrive; take the northern parts of Wisconsin, Minnesota, the Dakotas and Montana, and a great many other states where corn does not thrive as luxuriantly as in Iowa, Illinois, Indiana, Nebraska and Kansas; we say that in the above states Giant White Hullless Barley is preeminently the seed to grow for stock fattening. Peck 50c, bu. \$1.75, 2½ bu. \$4.00, 5 bu. \$7.75, 10 bu. \$14.90.

SPRING WHEAT.

Velvet Chaff Blue Stem.—(Bald.) Northern grown, Pedigree stock. A distinct variety from all other Spring Wheats. The stem just below the head, when green, has a beautiful blue bloom on it which entirely disappears as the wheat ripens, the straw and stem assuming a beautiful golden yellow hue and entirely free from rust. Peck 45c, bu. \$1.45, 2½ bu. \$3.25, 10 bu. \$12.00.

Saskatchewan Fyfe.—(Bald.) Early, productive, and known as one of the best No. 1 milling wheat, noted for its great productiveness, earliness and freedom from smut. So well known that further description is unnecessary. Peck 50c, bu. \$1.50, 2½ bu. \$3.25, 10 bu. \$12.50.

Probstier.—(Bald.) Similar to the Fyfe. We consider this the best spring wheat in the market to-day. We have taken great pains in the selection of the seed. Its characteristics are similar to Fyfe. Peck 50c, bu. \$1.50, 2½ bu. \$3.25, 10 bu. \$12.50.

A NEW CEREAL.

SPILTZ.

"What is it?" Neither barley nor wheat, yet it resembles both, and out-yields barley, oats and wheat. Botanically it is known as *Triticum Spelta* and is supposed to be the grain grown in Egypt in the time of Moses. Ask your German neighbor, he has seen it grow in the old country and will tell you of its good qualities, both for milling as well as for feeding. It is a wonderful stooler and a robust grower and will do as well on poor as it will on rich soil. Pkg. 10c, 1 lb. 30c, postpaid; by freight, peck 75c, bu. \$2.00, 2½ bu. \$4.25.

BUCKWHEAT.

Silver Hull.—Earlier than the common, and yields more. The flour is whiter and more nutritious. Peck 35c, bu. \$1.25, 2½ bu. \$2.50.

Japanese.—Largest kernels, most productive and earliest; stands up well and makes the best flour. Peck 40c, bu. \$1.35, 2½ bu. \$2.75.

Common.—Peck 50c, bu. 90c, 2½ bu. \$2.00.

FLAX.

Russian.—Most of the flax seed in this country is run out. In Russian Flax we have new stock seed. Peck 50c, bu. \$1.90, 2½ bu. \$4.25.

SPRING RYE.

Swedish Red.—Used mainly as a catch crop when other winter crops fail. Rye is a cereal that is very little sown compared with other grain. We cannot see why the farmers don't sow more. It always has a steady market price very seldom less than 55c per bushel, and the yield from good seed will average 40 bushels per acre. When we say good seed, we of course mean Swedish, as this is truly the best, bar none. Peck 35c, bu. \$1.35, bag \$3.35, 10 bu. \$11.00.

ST. JOHN'S RYE.

Introduced in this country twenty years ago by us, this Rye has given splendid satisfaction as a money maker. The demand exceeds the supply every year, and some years we turned down order after order for this splendid variety. It is the ONLY RYE TO SOW, especially as a catch crop. None so prolific in straw or kernels as our "Matchless St. John's." CAN BE SOWN EITHER IN SPRING OR IN FALL. The beauty of this Rye is that it can be sown early or late, it makes no difference, grow it will, wet or dry weather, and furnish abundance of Fodder. If your winter wheat or other winter crops prove a failure, we know of nothing that compares with St. John's Rye. By sowing it you will get: 1st, if sown before the end of June, two large crops of hay; 2nd, enough for pasturing your horses and cattle until late in the season; 3rd, in the spring it will come up thick, early and luxuriant; 4th, can then again be used as a pasturage or by letting it run to seed, will yield 30 to 50 bushels of fine seed Rye. Sown with oats and sand vetches as a catch crop, you will have Fodder to burn. If sown alone, sow 40 pounds to the acre. Peck 50c, bu. \$1.65, 2½ bu. \$3.75, 10 bu. \$13.50.

RECLEANED NORTHERN GROWN SEED OATS.



\$25.00 Two Grand New Oats. **\$25.00**

We will give to the one that grows the largest number of bushels from one Peck of either of these two new kinds of Seed Oats, the sum of Twenty-five Dollars.

\$25.00

ONE THING THOUGH, AND THAT IS, These two new Oats will not yield 250 Bushels to the Acre. Some Dealers have such wonderful Oats, we, sorry to say have not.

We will not exaggerate, but simply give a short description of both kinds:

Wernich's Duppauer Oats.— "New."— Its good points are: 1st, long, stiff straw; 2nd, it will never lodge; 3d, the kernels are plump, with a thin hull; 4th, it is very heavy and a good yielder; 5th, its color is perfect.

Wernich's Columbus Oats—New. This does not differ very much from the preceding, excepting color.

Price of Duppauer or Columbus. 1 lb., prepaid, 25c; by express or freight, not prepaid, per peck, \$1.00; 1 peck of each for \$1.50.

CONTESTANTS

must buy at least one peck of either in order to compete, and, when writing us the results, must accompany same with a sworn statement by a Notary.

OTHER SORTS.

White Probstier.—(New Seed.) This we believe to be the best oats ever introduced, be it grown in the North, East, South or West. It has never been known to fail. Our stock this year is grown from new seed, imported two years ago, and the seedling of which we gave our personal attention at the time. Peck 30c. bu. \$1.00, 2½ bu. \$2.25, 10 bu. \$8.00.

Yellow Probstier.—Extremely hardy, makes a strong stool and grows with vigor and rapidity. Do not compare this oats with the variety known as Yellow French, which is a good oats, but cannot compete with the Yellow Probstier for earliness, heaviness or production. It will grow anywhere, and being rust proof, will grow under all climatic conditions where oats will grow. Peck 30c, bu. \$1.00, 2½ bu. \$2.25, 10 bu. \$8.00.

Black Probstier.—We believe that in this oats we have the best black oats sold for seed purposes. Unequaled in the stiffness or strength of the straw, nothing less than a tornado or a cyclone will lodge them. Peck 30c, bu. 90c, 2½ bu. \$2.00, 10 bu. \$7.50.

Silver Mine Oats.—Too well known to need any further description. Peck 30c, bu. 80c, 2½ bu. \$1.85, 10 bu. \$7.50.



CLIPPER.

Only \$19.50

HAND
PICKED.

SEED CORN.

FIRE
DRIED.

The varieties of Field Corn we offer below are the best now in general use. They were grown especially for seed purposes, and are all well matured, cured, and shelled with care.

Write for Special Prices when requiring Large Quantities.

It costs less than 25c an acre to use our carefully selected and tested seed corn.

Dent Varieties.

Do you deem it wise to risk doubtful corn when good seed is so cheap?

Mammoth White Dent.—This is a large eared variety. It has a broad, very deep, pure white kernel and cob—in fact, a stray red cob will hardly be found in a thousand bushels, and those desiring a large white corn cannot fail to be pleased with it. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 50c, bu. \$1.50, 5 bu. \$6.50.

Pride of the North.—A very early Yellow Dent Corn. Matures perfectly in 90 days; very hardy and prolific; ears uniform, of good size, cobs small and kernels closely set on the cob. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 35c, bu. \$1.00, 5 bu. \$4.50.

King of the Earliest.—The earliest Dent Corn grown, yields more and shells easier than any other variety. It will mature a crop farther north than any other known variety. Short, leafy stalks, medium sized ears, small red cob, and long deep grains. Give it a trial and be convinced. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 40c, bu. \$1.25, 5 bu. \$5.75.

Wisconsin White Dent.—Considered by many the best White Dent Corn for the North. It cannot, however, compare with Wernich's Sweet White Pearl. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 50c, bu. \$1.50, 5 bu. \$7.00.

Wernich's Sweet White Pearl.—Grown in the far North especially for our trade. By far the best White Dent in cultivation. We have sold this corn for the past twelve years and have yet to hear the first complaint. It has all the characteristics of the Champion White Pearl, the well known White Dent variety, but is earlier in maturing and contains more nutritious food than the Champion. In yield it surpasses anything known as corn. Those who have planted it in the past think so well of it that the new varieties constantly coming out year after year have no fascination for them, being firmly convinced that Wernich's Sweet White Pearl is the earliest and purest of all the White Dents now sold by seed dealers. "Do give it a trial." Prepaid, qt. 25c; not prepaid, qt. 15c, peck 65c, bu. \$2.00, 5 bu. \$7.75.

Early Mastodon Dent.—The largest of all yellow Dent varieties, maturing in 100 days. In the celebrated American Agriculturist Corn Contest, Mastodon Dent outyielded by far every other variety of Yellow Corn, 213 bushels of shelled corn being raised on one acre. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 40c, bu. \$1.25, 5 bu. \$5.75.

White Cap Yellow Dent.—Ripens in 90 days; ears large, with an abundance of kernels, which are white on the outside, the balance being yellow. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 40c, bu. \$1.40, 5 bu. \$6.00.

Champion White Pearl.—Matures in 100 days. A beauty, and in every respect a first-class white sure cropping corn. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 40c, bu. \$1.30, 5 bu. \$6.00.

Iowa Gold Mine Corn.—It is early, ripening only a few days later than the Pride of the North; ears are of good size and symmetrical; color a bright golden yellow. Grain is very deep; cob small, and therefore dries out very quickly as soon as ripe. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 40c, bu. \$1.25, 5 bu. \$5.75.

Iowa Silver Mine.—The largest yielding variety in existence. Yields big crops everywhere. Ears 10 to 12 inches long; 16 to 20 rowed, uniform in size, with small cob. A great drought resister. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 45c, bu. \$1.35, 5 bu. \$6.00.

FLINT VARIETIES.

Wernich's Ten Weeks.—Matures under favorable circumstances in 80 days, and has ripened as far north as Ashland. It is the earliest Flint Corn in cultivation. Ear is perfectly formed. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 60c, bu. \$1.65, 5 bu. \$7.50.

Angel of Midnight.—Stalks are of medium size, ears 10 to 12 inches in length and rows even. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 50c, bu. \$1.40, 5 bu. \$6.00.

Longfellow Flint.—An eight-rowed yellow flint variety, with ears from 10 to 15 inches long, 1½ to 2½ inches in diameter, and are well filled out to the extreme end of the cob. The cob is small and the kernel large and broad. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 50c, bu. \$1.40, 5 bu. \$6.00.

Silver White Flint.—Northern grown seed. A heavy yielder. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 50c, bu. \$1.50, 5 bu. \$6.00.

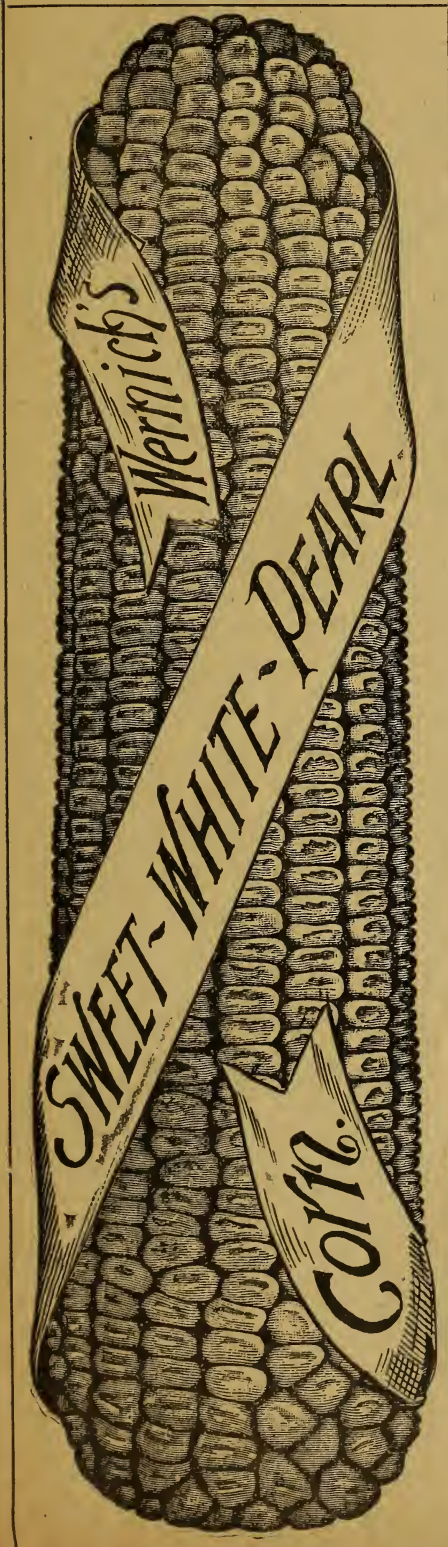
Connecticut Silver White Flint.—Stalks are of good size, ears 12 to 18 inches, kernels very large and regularly set. Prepaid, qt. 25c; not prepaid, qt. 10c, peck 50c, bu. \$1.50, 5 bu. \$6.00.

John Waty, Wis.: Will not plant any other as long as I can get Sweet White Pearl.

W. C. Heilbush, Creston, Neb.: Have tried many varieties, but Sweet White Pearl "beats 'em all."

INDIAN CORN CULTURE.

By C. S. Plumb, Director Indiana Agricultural Experiment Station. This volume treats every phase of corn culture in a thoroughly practical as well as scientific manner. Over 200 pages. Cloth binding. Illustrated. Price, postpaid, \$1.15.



FODDER CORN.

Red Cob Ensilage.—A well-known Fodder Corn, producing enormous crops. More seed of this variety sold every year than of all other Fodder varieties put together. Prepaid, qt. 20c; not prepaid, peck 25c, bu. 70c, 10 bu. \$6.00.

Evergreen Sweet Fodder.—Does not produce such enormous crops as the preceding kind, but what it lacks in quantity it more than makes up in quality. It does not grow very tall, but it is a free stoolet. Cattle eat it greedily, preferring it to all other kinds. Prepaid, qt. 30c; not prepaid, qt. 15c, peck 50c, bu. \$1.25, 10 bu. \$10.50.

Pride of the North Fodder.—Used extensively in all corn growing sections and considered the best early ripe Fodder Corn known. It stools freely and every stalk produces two to four ears. We sell this corn cheap. Prepaid, qt. 20c; not prepaid, peck 25c, bu. 80c, 10 bu. \$7.00.

All our seed corn is very carefully tested, and none sent out that we are not certain will grow well under proper conditions. We do not warrant it, but we will mail samples for testing to prospective customers. If a large quantity is wanted, ask for prices. No extra charge for bags.



Brazilian Flour.

If planted in drills should be about three and a half feet apart, 12 to 16 quarts per acre are required. If sown broadcast 2 to 2½ bushels are required to the acre. These prices include bags and delivery to depot.

Brazilian Flour Corn.—One of the greatest novelties ever introduced. Introduced from Brazil, where this truly wonderful corn originated. Every year the demand for this corn increases and it is one of our best sellers, the demand exceeding the supply every spring. Grows eight feet high and produces a tremendous crop of Green Fodder on account of its wonderful stooling habits, one kernel sending up enough stools to produce 100 ears of corn. Some of its best qualities are:

1. Fifteen barrels of flour can be produced from one acre, about three times as much as of the best wheat, and good flour at that, equal to the best wheat flour.
2. Bread baked from the flour cannot be detected from that baked from wheat flour.
3. Cooked in a green state, it is superior to any sweet corn.
4. For ensilage it cannot be beat. Cattle eat it greedily.
5. It will ripen wherever corn can be ripened.
6. As a producer it ranks the highest.

Prepaid, pt. 20c, qt. 30c; not prepaid, pt. 10c, qt. 15c, ½ peck 40c, peck 75c, bu. \$2.75, 2½ bu. \$6.00.

Root Crops for stock feeding cannot be overestimated. The results from their use are wonderful as is clearly shown in the improved health and condition of animals, the increased yield of milk in cows and the great saving in hay.

ROOT CROPS.

CARROTS.

A well known stock raiser writes as follows regarding Carrots for stock: "No one who reeds stock can afford to be without Carrots. I feed each year Mangel Wurzel and Rutabaga, and regard them very highly; but Carrots I consider indispensable."

Improved Long Orange.—This is the largest and unquestionably the heaviest cropping and most nutritious Yellow Carrot in cultivation. The roots are remarkably fine, very symmetrical and of excellent quality, possessing high feeding properties. It is a heavy cropper on all soil, but especially adapted for strong or rich land. Prepaid, pound, 50c, 3 pounds \$1.25; not prepaid, pound 40c, 3 pounds \$1.00.

Large White Belgian.—This variety is amazingly productive, and nothing can equal them as a winter feed for milch cows, as they greatly improve the quality and quantity of the milk and also impart a rich color to the butter. Prepaid, pound, 35c, 3 lbs. 95c, not prepaid, pound, 25c, 3 lbs. 70c. For other varieties see page 4 Vegetable Seed Dept.

THE SUGAR BEET.

The value of Sugar Beets for stock-feeding cannot be overestimated, as experience has proven that Sugar Beets are healthful, nutritious and economical.

Kleinwanzlebener and Vilmorin's have thus far proven most successful for this country. Our stocks of these two celebrated sorts are known as ELITE strains, meaning choice, select. This ELITE Seed is grown only from roots (each of which is analyzed) which show the highest percentage of sugar and co-efficient of purity.

Vilmorin, Elite.—This beet is the result of thirty-five years of methodic and persevering selection. Its average yield may be stated as from 12 to 16 tons per acre. Prepaid, oz. 5c, ¼ lb. 15c, lb. 40c; not prepaid, 1 lb. 30c, 5 lbs. \$1.40, 10 lbs. \$2.25, 100 lbs. \$18.00.

Floto's Improved Kleinwanzlebener, Elite.—This variety at the present time has probably a wider cultivation than any other sugar beet. Our strain is of the very best, an improvement, over the old Wanzlebener. "Floto," the grower and originator of the Improved Kleinwanzlebener is a well known grower and considered an expert, many of the leading Beet Sugar Refineries getting their seed from him. Prepaid, oz. 10c, ¼ lb. 15c, lb. 45c; not prepaid, 1 lb. 35c, 5 lbs. \$1.45, 10 lbs. \$2.50, 100 lbs. \$18.00.



MANGEL WURZEL.

The value of Mangels for stock-raising cannot be overestimated, analysis having demonstrated that 400 lbs. of Mangel are equivalent to 100 lbs. of the best hay. Crop of 1,000 to 1,500 bushels is nothing unusual. They will not only increase the yield of milk, but add largely to the health and general condition of all kinds of stock.

Leutowitzer Mammoth Long Red.—Our stock is a great improvement on the old variety. The roots are very large, uniformly straight and well formed. Color deep red; roots solid; tops small. Roots attain a large size. Produce an immense bulk and tonnage. Prepaid, oz. 5c, ¼ lb. 15c, lb. 35c; not prepaid, 1 lb. 25c, 5 lbs. \$1.10, 10 lbs. \$2.00.

Eschendorf Red Giant.—This is an enormously productive variety, yielding from 50 to 70 tons to the acre, a single root often weighing from 20 to 30 pounds. It is the best red Mangel, and of the greatest value for stock feeding. They grow well above ground, and are easily pulled. Prepaid, oz. 5c, ¼ lb. 10c, lb. 45c; not prepaid, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.50.

Long Red.—The old Red Mangel. Prepaid, oz. 5c, ¼ lb. 10c, lb. 25c; not prepaid, 1 lb. 15c, 5 lbs. 65c, 10 lbs. \$1.20.

Yellow Eschendorf Mangel.—Very large. Remarkably even in shape, of vigorous growth; has a very smooth skin. Flesh white, firm and sweet, much liked by cattle. Easily lifted from the ground, producing enormous crops. Excellent keeper, yields 40 to 60 tons per acre. Prepaid, oz. 5c, ¼ lb. 15c, lb. 45c; not prepaid, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.50.

Obendorfer Golden Mangel.—This is the production of one of the largest Mangel specialists of Europe. It is thought by many to be the most profitable of all Mangels, and is exceedingly popular in those sections where it is best known. Form, round. Skin is yellow and smooth; flesh white and very firm. Prepaid, oz. 5c, ¼ lb. 15c, lb. 45c; not prepaid, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.50.

Golden Tankard.—We have for years insisted that this was the best Mangel grown, and each season strengthens us in the position we took when it was comparatively unknown sort. We recommend it as the best Mangel by far for dairy farmers. Prepaid, oz. 5c, ¼ lb. 15c, lb. 35c; not prepaid, 1 lb. 25c, 5 lbs. \$1.10, 10 lbs. \$2.00.

POTATOES for Seed.

A Change of Seed
Always Pays.

In drills 3 feet apart, 10 to 12 bushels Cut Tubers to the acre. One peck will plant about 125 hills.

Wisconsin grown Seed Potatoes are acknowledged to be the very best. Grown in the cold North, where nature and the elements alike decline existence to all but the very hardiest varieties, they inherit those qualities that place them in the lead for Seed purposes. Our varieties are pure and true to name. Our growers are experts in their line, and take great pains in selecting seed with which to grow the crop.

We shall be pleased to correspond with anyone wishing to purchase in larger quantities than are quoted herein.

SPECIAL INSTRUCTIONS.—We will book orders at the following prices as long as our present stock lasts, no matter if there should be an advance in the market. We fill orders just as soon as the weather, in our judgment, will permit. However, we cannot become responsible for changes in the weather, by which they might become damaged while en route. We will ship at any time when requested to do so, regardless of weather, if customers desire to take their own risk. When customers request it, we pack a barrel of two or three kinds without extra charge. When ordering late, please state whether we shall return the money or send some kind of equal value, providing we cannot supply the sort you order.

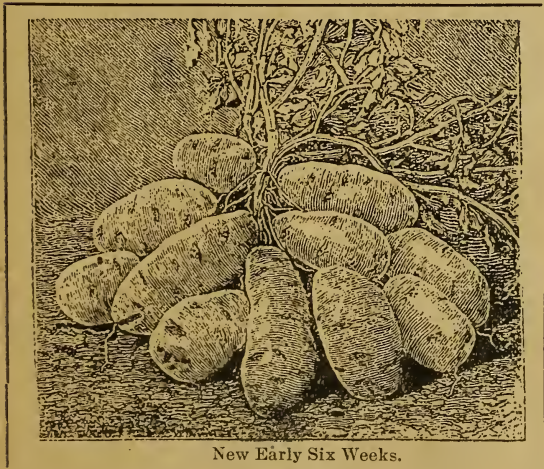
New Early Six Weeks.—Without exception the earliest Potato in existence.—Medium size, smooth, oblong; skin pink, flesh white, tubers grow close together in the hill and grow so rapidly that under favorable circumstances they are fit for family use in six weeks from the time of planting, and mature in ten or eleven weeks. We call this a good potato, and can confidently recommend it for the market or home garden. Peck 40c. bu. \$1.00, bbl. \$2.50, 2 bbls. \$4.50.

Extra Early Ohio.—Standard extra early potato, maturing two weeks ahead of the Early Rose. A special favorite with marketmen and the most profitable sort they can grow. It gives satisfaction in all parts of the country. The tubers are much smoother and of better shape than the Early Ohio. They are smooth, free from scab, and grow compactly in the hill, are easily dug; very few small ones, almost every one being of marketable size. Peck 40c. bu. \$1.25, bbl. \$3.00, 2 bbls. \$5.50.

Pride of the South.—A new extra early Potato. — It is a WHITE SPORT of the Extra Early Red Triumph, first found a few years ago in a large field of that popular variety. It is a strong, quick grower, and in cooking qualities very superior. In ripening the vines die down all at once, thus giving the blight which works down into the potatoes through the vine no chance to work. Prominent planters in the Southern states agree in pronouncing it very productive and the most profitable potato they have ever grown, bringing from 50 cents to \$1.00 more per barrel above the price of Extra Early Red Triumph on account of its beautiful white skin and handsome shape. Not recommended for the North. Peck 80c, bu. \$1.80, bbl. \$4.25, 2 bbls. \$8.00.



Extra Early Ohio.



New Early Six Weeks.



Triumph.—This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose, is much more productive, and matures its crop at least a week in advance of the Early Rose. Tubers are of medium size, round and uniform in shape, with but a very few small ones; eyes slightly depressed; color a beautiful light red. Its great beauty, productiveness and fine quality make it one of the best extra early market varieties for the South, as they are not reliable for the North. Peck 75c, bu. \$1.75, bbl. \$4.00, 2 bbls. \$7.50.

Early Sunrise.—An old standard variety of which we were fortunate enough to secure some new stock. Supply is limited. One of the best cookers known. Peck 40c, bu. \$1.15, bbl. \$2.75, 2 bbls. \$5.00.

Early Rose.—Genuine Seed.—Now is the chance to stock up with this prime favorite. It is well known for earliness and general excellence. Peck 50c, bu. \$1.35, bbl. \$3.25, 2 bbls. \$6.00.

Gordonville, Mo.

As usual your Seeds were A No. 1. But your potatoes deserve special mention, for they done extraordinary well.

J. KIEHNS:

THE GENUINE BOSS HARROW.

The bars are made 2x2½ in.; eveners, 2x4 in., of the very best seasoned oak. Each bar is insured against splitting by using a ¼ in. oval head rivet at each tooth, riveted with a bur. The sections are independent and connected with evener by eye hooks, so as to secure a perfect hitch, allowing the sections flexibility and vibration without permitting the teeth to track or follow each other. Each tooth cuts its own way. Teeth ½ in. steel, dagger or flat pointed.

2-Horse Harrow, 78 tooth, 13 ft. cut, Weight 190 lbs. Price, \$6 50
3-Horse Harrow, 102 tooth, 16½ ft. cut, Weight 240 lbs. Price, 8 00
4-Horse Harrow, 150 tooth, 26 ft. cut, Weight 360 lbs. Price, 11 75



POTATOES FOR GENERAL CROP.—Continued.

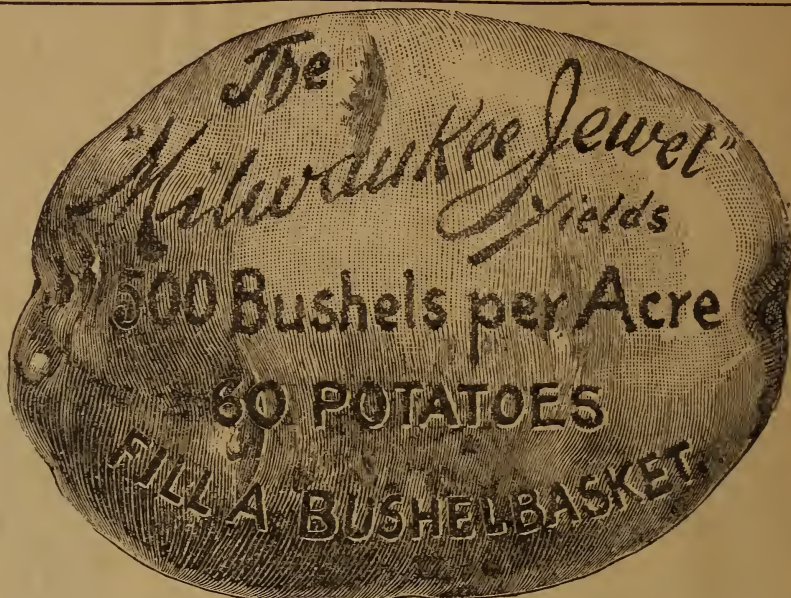
TRULY THE
HANDSOMEST
POTATO GROWN.



A TREMENDOUS
YIELDER,
AND UNIFORM
IN
SHAPE AND SIZE.



A SPLENDID
COOKER,
WHITE, FLOURY
AND DRY.



A late variety of worthy merit. An enormous yielder. Tubers are handsome, smooth and of the highest quality. Its average weight is 1 Pound each. A sure money getter. Our stock is limited. First come, first served. Peck 50c, Bu. \$1.65, Barrel \$3.75, 2 Barrels \$7.00.



Acme Potato Planter,
75c; 3 for \$2.00.

Rural New Yorker.— (Late.) Originated by E. S. Carman, Editor-in-Chief of The Rural New Yorker. Very large and unusually smooth, with few eyes, of oblong round form; flesh white and of superior quality. Vines strong, and yield very large. Peck 40c, bu. \$1.20, bbl. \$2.90, 5 bbls. \$12.90.

Lakeside Champion.— A late white variety, maturing along with Burbank and resembling in appearance the well known Beauty of Hebron. It is, however, longer and larger than that variety, very productive and remarkably fine grained, possessing the finest keeping qualities. When cooked, they are nice flavored, dry and mealy. It is a strong bug-resister, and does remarkably well on thin, poor land. Peck 50c, bu. \$1.25, bbl. \$3.00, 2 bbls. \$5.75.

SPECIAL OFFER.

By Mail or Express Prepaid of any Potato we list. 1 lb. 25c, 3 lbs. for 50c.

ALL STAR COLLECTION.

1 Peck each of the nine varieties listed in this Catalogue for \$3.25.

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Prices subject to variation. Special quotations for large quantities.

To every 100 Pounds or Less add 15 cents for a new bag.

A Farmer who pays little attention to the selection of Timothy, Clover and other grass seed, but buys from country merchants (who, however well-intentioned, seldom have sufficient expert knowledge in this matter to protect their customers), will in a few years invariably find that he is growing more weeds than grass, and naturally concludes farming is a failure.

To avoid confusion, we have adopted the uniform weight of fourteen pounds to the bushel of Grass Seeds, excepting where otherwise noted. Therefore, when comparing our prices with those of other houses, take notice of this fact, as they sell according to stroke measure weight, thus they give seven pounds of Meadow Foxtail for a bushel, and figure their price that way, whereas we give fourteen pounds to the bushel and charge accordingly.

Timothy.—(Pheum Pratense.) Valuable as a hay crop, bringing higher prices on the market than any other hay in the world.

Choice No. 1.—Fancy seed, and will grow 100 per cent. Prepaid, per lb. 17c; not prepaid, per lb. 8c, peck 50c, bu. (45 lbs.) \$1.75, 100 lbs. \$3.85.

Common No. 2.—The genuine Flour Store kind. Prepaid, per lb. 14c; not prepaid, per lb. 5c, peck 40c, bu. \$1.25, 100 lbs. \$2.85.



English Rye.

Kentucky Blue Grass.—(Poa Pratensis.) Better known as June Grass. It is adaptable to all climates and almost all soils as an excellent pasturage and lawn grass.

Fancy No. 1.—Recleaned. Prepaid, per lb., 30c; not prepaid, per lb. 20c, bu. (14 lbs.) \$2.10, 100 lbs. \$3.00.

Common No. 2.—More chaffy than the fancy. Prepaid, per lb. 25c; not prepaid, per lb. 15c, bu. (14 lbs.) \$1.95, 100 lbs. \$3.045.



Dog's Tail.



Meadow Foxtail.

Bromus Mollis.—("Soft Brome Grass.") Will grow on almost any kind of soil. It flowers in June. Largely used in Europe. By many considered a weed, others disputing this by claiming it to be a valuable addition to the already well known varieties. Prepaid, per lb., 25c; not prepaid, per lb. 15c, bu. \$2.00, 100 lbs. \$10.00.

Meadow Fescue.—(Festuca Pratensis.) This variety should not fall to be in all permanent pastures.

No. 1 Fancy.—Prepaid, per lb. 25c; not prepaid, per lb. 15c, bu. \$1.90; 100 lbs. \$12.50.
No. 2 Common.—Prepaid, per lb. 20c; not prepaid, per lb. 10c, bu. \$1.25, 100 lbs. \$7.50.

Bermuda Grass.—Not known in the North, but an excellent variety for warm Southern country. The seed is hard to harvest, therefore expensive. Per pkt. 10c, oz. 15c, ¼ lb. 45c, 1 lb. \$1.25, 5 lbs. \$5.00.

Canadian Blue Grass.—(Poa Canadensis.) An excellent variety for pasturage. Prepaid, per lb. 20c; not prepaid, per lb. 10c, bu. (14 lbs.) \$1.25, 100 lbs. \$7.60.

Creeping Bent.—(Agrostis Stoloniifera.) Nothing better for deep, rich and moist soils. Valuable for pasturage. Prepaid, per lb. 30c; not prepaid, per lb. 20c, bu. (14 lbs.) \$2.50, 100 lbs. \$16.50.

Crested Dog's Tail.—(Cynosurus Cristatus.) Withstands drouth and does well on dry land. Either for pasture or lawn purposes. Prepaid, per lb. 40c; not prepaid, per lb. 30c, bu. (14 lbs.) \$3.25, 100 lbs. \$23.00.

English Rye Grass.—(Lolium Perenne.) One of the best varieties for permanent pastures and meadows. Prepaid, per lb. 18c; not prepaid, per lb. 10c, bu. (14 lbs.) \$1.20, 100 lbs. \$6.45.

Fowl Meadow.—(Poa Serotina.) Grows rapidly and is valuable for low lands. Prepaid, per lb. 30c; not prepaid, per lb. 20c, bu. (14 lbs.) \$2.30, 100 lbs. \$16.50.

Hard Fescue.—(Festuca Duruscula.) Excellent variety for dry soils, and in appearance similar to Sheep Fescue. Prepaid, per lb. 25c; not prepaid, per lb. 15c, bu. (14 lbs.) \$1.75, 100 lbs. \$12.25.

Italian Rye Grass.—(Lolium Italicum.) Good for any soil. Immense yielder. Prepaid, per lb. 20c; not prepaid, per lb. 10c, bu. (14 lbs.) \$1.25, 100 lbs. \$7.50.

Johnson Grass.—(Sorghum Halpense.) For the Southern States this is the best variety. It will stand great heat and severe drouth, and is liked well by all kinds of stock. Prepaid, per lb. 25c; not prepaid, per lb. 15c, bu. (14 lbs.) \$2.50, 100 lbs. \$9.90.

AWNLESS BROME GRASS.

"HUNGARIAN BROME."



4 to 7
Tons per
Acre.

2 to 4
Cuts per
Season.

"Bromus Inermis."

Will grow where other grasses will perish. Just the thing for our sterile and acid plains of our western States. Its forage has a high nutritive value. If sown in the early spring it will produce a heavy crop the same season. Highly recommended by the Agricultural Department at Washington. By mail 28c per lb. postpaid. Not prepaid 1 lb. 18c, bu. \$2.25, 100 lbs. \$15.00.

Meadow Foxtail.—(Alopecurus Pratensis.) A perennial valuable for permanent pastures.

Fancy No. 1.—Prepaid, per lb. 35c; not prepaid, per lb. 25c, bu. (14 lbs.) \$3.25, 100 lbs. \$22.00.

No. 2.—Prepaid, per lb. 28c; not prepaid, per lb. 18c, bu. \$2.40, 100 lbs. \$16.00.

Orchard Grass.—(Dactylis Glomerata.) This is the best and one of the earliest pasture grasses known.

Recleaned No. 1.—Northern grown seed. Prepaid, per lb. 28c; not prepaid, per lb. 18c, bu. (14 lbs.) \$2.25; 100 lbs. \$14.40.

Common No. 2.—Good seed, but contains some English Rye Grass. Prepaid, per lb. 25c; not prepaid, per lb. 15c, bu. (14 lbs.) \$1.90, 100 lbs. \$10.90.

Red Fescue.—(Festuca Rubra.) A good variety for pasture, also used for lawns. Hardy and withstands drouth. Prepaid, per lb. 25c; not prepaid, per lb. 15c, bu. (14 lbs.) \$1.75, 100 lbs. \$11.75.

Rough Stalked Meadow.—(Poa Trivialis.) Used mostly on low, damp soils. Prepaid, per lb. 35c; not prepaid, per lb. 25c, bu. (14 lbs.) \$3.40, 100 lbs. \$23.50.

Red Top.—(Agrostis Vulgaris.) One of the best known varieties, adaptable to almost any kind of soil.

Fancy No. 1.—Recleaned seed. Prepaid, per lb. 25c; not prepaid, per lb. 15c, bu. (14 lbs.) \$2.00, 100 lbs. \$13.00.

Choice No. 2.—Contains a little chaff. Prepaid, per lb. 20c; not prepaid, per lb. 10c, bu. (14 lbs.) \$1.15, 100 lbs. \$7.50.

Common No. 3.—Such as is sold in feed stores. Prepaid, per lb. 15c; not prepaid, per lb. 8c, bu. (14 lbs.) 95c, 100 lbs. \$5.90.

Sheep's Fescue.—(Festuca Ovena.) A favorite variety for sheep pasturage. Withstands drouth. Fancy No. 1.—Prepaid, per lb. 25c; not prepaid, per lb. 15c, bu. (14 lbs.) \$1.95, 100 lbs. \$14.00.

No. 2.—Prepaid, per lb. 20c; not prepaid, per lb. 10c, bu. (14 lbs.) \$1.35, 100 lbs. \$9.50.



Creeping Bent.



Rough Stalked Meadow.



Sheep's Fescue.

GRASSES AND CLOVERS—Continued.



Water Meadow.

Water Meadow.—(Glyceria Aquatica.) Of great value for low land, which is more or less under water at times, and where other grasses don't catch or are drowned out. Grows rank and coarse, still it is nutritious and well liked by cattle. Prepaid, per lb. 38c; not prepaid, per lb. 28c, bu (14 lbs.) \$3.25, 100 lbs. \$22.50.

Grass is King.

Water Fescue.—(Glyceria Fluitans) Like the preceding variety in that it is valuable for improving marshes and low land in general. Mixed with Water Meadow, Fowl Meadow and Rough Stalked Meadow, it produces a fine quality of hay. Prepaid, per lb. 30c; not prepaid, per lb. 20c, bu. (14 lbs.) \$2.60, 100 lbs. \$18.50.



Tall Fescue.

GRASS FOR SHADE.



Wood Meadow.—(Poa Nemoralis.) A good variety for pasturage in shady places. Also a good variety for shady lawns. Prepaid, per lb. 35c; not prepaid, per lb. 25c, per bu. \$2.75, 100 lbs. \$20.00.

No Cattle, No Manure.

Wood Hair Grass.—(Aira Flexuosa) Is hardy, and also grows in the driest regions. Does as well in shady places. It is not of much value for hay. Prepaid, per lb. 25c; not prepaid, per lb. 15c, bu. (14 lbs.) \$2.00, 100 lbs. \$12.00.

Yellow Oat Grass.—(Avena Flavescens.) An excellent variety for pasture and meadows. Prepaid, per lb. 60c; not prepaid, per lb. 50c, bu. (14 lbs.) \$7.00, 100 lbs. \$45.00.

Sweet Vernal, Annual.—(Anthoxanthum Puelii.) Used in all meadows and pastures. Owes its name to its sweet odor when in bloom. Prepaid, per lb. 25c; not prepaid, per lb. 15c, bu. (14 lbs.) \$1.75, 100 lbs. \$11.50.

Sweet Vernal, Perennial or True.—(Anthoxanthum Odoratum.) A good variety for use in all permanent meadows and pastures. Prepaid, per lb. 45c; not prepaid, per lb. 35c, bu. \$4.50, 100 lbs. \$30.00.



Wood Hair.

No Grass, No Cattle.

Tall Fescue.—(Festuca Elatior.) A good producing variety on low land. Prepaid, per lb. 30c; not prepaid, per lb. 20c, bu. (14 lbs.) \$2.45, 100 lbs. \$16.00.

Tall Meadow Oat.—(Avena Elatior.) A rapid grower and an abundant yielder. Ought to be in all permanent meadows. Prepaid, per lb. 25c; not prepaid, per lb. 15c, bu. (14 lbs.) \$1.90, 100 lbs. \$13.50.

No Manure, No Crops.



Yellow Oat.

Heat won't kill it!

SILESIA RED CLOVER.

Frost won't kill it!

Silesian Red Clover obtains its name from Silesia, a province of Prussia, noted for its large farms, which for the most are sown in meadows exclusively sown with this Clover. The farmers of Silesia are past masters of their art, and have brought Clover Seed raising to a high standard of perfection. The late Mr. W. Wernich many years ago imported some of this seed for a trial, and it resulted so favorably after repeated trials that he immediately placed a large order for stock seed to sow for seed. We do not sell the imported seed, which is very expensive. Our Silesian Red is grown in the North, from seed imported directly by us, thus selling only seed that is thoroughly acclimated.

WHAT WE SAY ABOUT IT.

Silesian Red Clover is acknowledged by those who have sown it as far superior to our native Red Clover in regards to its yield, foliage, food matter, and above all, its hardness. It has never been known to fail, be it sown in the extreme South or in the frozen North. Cattle and horses eat it greedily. It produces more hay, and that of a nutritious quality, than our native Red Clover. If sown for seed, it will produce more and of a higher standard than the native. Silesian Red Clover brings the highest market prices everywhere on account of its brightness, plump and full kernels. Added to this its absolute cleanliness from all foreign seeds, it is easily understood why it brings the highest market prices.

Do not buy Silesian Red from any other Dealer. Ours is the only genuine.

Buy Silesian Red from us. Ours is the only genuine.



WHAT OTHERS SAY ABOUT IT.

Minster, Ohio.
Gentlemen: Silesian Red Clover is all that you claim and more, too; it is the "only" Clover for hay.
B. DUWEL.

Grays Lake, Ill.
The Clover Seed I bought of you gave me a fine crop of hay last year.
A. GROSCHLE.

Marathan, Wis.
Am well pleased with the Clover bought of you two years ago.
MATH. MILBECK.

New Ulm, Minn.
The seed bought of you in 1896 done well, and my crop of hay last year was the largest in this vicinity.
ANTON SPERL.

Not How Cheap, But How Good.

When buying Clover or Grass Seed, PRICE should CUT NO FIGURE with the farmer. What he wants is good seed. We have it and it's better than good. Our Prices are Right, too.

Price.—Lb. 20c, neck \$2.50, bu. \$9.00, 100 lbs. \$13.90, 500 lbs. \$65.00, 1,000 lbs. \$120.00.

Order Now as the supply is limited. If you do not feel like ordering a large quantity, give it at least a trial by ordering 1 to 5 lbs. 1 lb. postpaid 25c, 5 lbs. postpaid, \$1.10.

CLOVERS.

MICHIGAN EXPERIMENT STATION.

Agricultural College, Jan. 4th, 1900.
Gentlemen: We have had REMARKABLE SUCCESS with SAND LUZERNE (*Medicago media*) the Seed of which we procured from your firm.
J. D. TOWER, B. S., Agriculturist.

BEWARE of cheap Clovers especially this year when good seed is scarce and irresponsible dealers will rid themselves of old seed.

Alsike or Swedish. — (*Trifolium Hybridum*).—Hardy, yields enormously, and can be cut several times a year. Adapted to either high or low lands.

Choice No. 1.—Northern grown seed. Prepaid, per lb. 40c; not prepaid, per lb. 30c, peck \$3.25, bu. \$11.40, 100 lbs. \$18.50.

Common No. 2.—The kind such as is usually sold in flour and feed stores. Prepaid, per lb. 27c; not prepaid, per lb. 17c, peck \$2.45, bu. \$9.00, 100 lbs. \$14.75.



Alsike Clover.



Red or June Clover.

Bokhara.—(*Melilotus Alba*).—Of little value, excepting as a pasture for bees. Can also be used as a fertilizer. Prepaid, per lb. 35c; not prepaid, per lb. 25c, peck \$3.50, bu. \$12.00, 100 lbs. \$20.00.

Crimson.—(*Trifolium Incarnatum*).—An annual variety, mostly used in the South, where it can be sown in the fall with success, but if sown in the North, not before spring. It produces enormous crops. Prepaid, per lb. 25c; not prepaid, per lb. 15c, peck \$1.75, bu. \$6.50, 100 lbs. \$10.25.

Kidney Vetch, or Sand Clover.—(*Anthyllis vulneraria*). A deep-rooted herbaceous hardy perennial plant, valuable for dry sands and inferior soils, upon which Red Clover will not thrive. Eaten with avidity by sheep, cattle and horses. Useful in mixture for dry soil. Produces abundance of hay and seed. Sow 20 lbs. of seed per acre. Prepaid, per lb. 35c; not prepaid, per lb. 25c, peck \$3.00, bu. \$10.75, 100 lbs. \$16.75.

Mammoth.—(*Trifolium Pratense* Perenne).—Grows almost again as large as Red Clover, and often catches where other clovers fail.

Choice No. 1.—Recleaned seed. Prepaid, per lb. 25c; not prepaid, per lb. 15c, peck \$2.50, bu. \$6.75, 100 lbs. \$10.50.

Common No. 2.—Prepaid, per lb. 20c; not prepaid, per lb. 10c, peck \$1.45, bu. \$5.60, 100 lbs. \$8.90.

Japan Clover.—(*Lespedeza Striata*). A low-spreading perennial, much like White Clover, of great value in the Southern states. Flourishes on the poorest soil and withstands drouth. Prepaid, per lb. 45c; not prepaid, lb. 35c, peck \$1.75, bu. (25 lbs.) \$6.50, 100 lbs. \$24.00.



Salauer Luzerne.

Grown from imported seed. This seed is raised in the North, therefore extremely hardy, and we recommend only SALAUER SEED for our Northern climates. Prepaid, per lb. 25c; not prepaid, per lb. 15c, peck \$2.25, bu. \$7.50, 100 lbs. \$12.25.

Red or June.—(*Trifolium Pratense*).—For practical purposes this is by far the best variety known, and is used more than any other.

Choice No. 1.—Fancy recleaned, Northern grown seed. Although this is the best to be had, we do not class it with our matchless Silesian Red, described on preceding page. Price of Choice No. 1: Prepaid, per lb. 25c; not prepaid, per lb. 15c, per peck \$1.90, per bu. \$6.75, 100 lbs. \$10.50.

Common Red No. 2.—Good choice seed. Prepaid, per lb. 20c; not prepaid, per lb. 10c, peck \$1.45, bu. \$5.60, 100 lbs. \$8.75.

White.—(*Trifolium Repens*).—A small, creeping perennial, mostly used for lawns and pastures.

Fancy No. 1.—Recleaned and Northern grown. Prepaid, per lb. 30c; not prepaid, per lb. 20c, peck \$2.65, bu. \$9.90, 100 lbs. \$15.50.

Common No. 2.—Mixed with a little Alsike and Timothy, hardly noticeable. Prepaid, per lb. 25c; not prepaid, per lb. 15c, peck \$1.90, bu. \$7.40, 100 lbs. \$12.00.

Sainfoin.—(*Onobrychis Sativa*).—Known in Europe as one of the best fodder and hay producing plants. The roots penetrate the ground to a great depth and like the Luzerne, when once rooted, will yield enormously for years, and can be cut twice a year. Prepaid, per lb. 20c; not prepaid, per lb. 12c, peck 60c, bu. (22 lbs.) \$1.95, 100 lbs. \$7.50.

Seradella.—(*Ornithopus Sativus*).—Especially valuable during the hot dry months of summer. Prepaid, per lb. 20c; not prepaid, per lb. 12c, peck \$1.00, bu. (36 lbs.) \$3.70, 100 lbs. \$10.00.

Luzerne.—(*Medicago Sativa*).—Valuable in hot and dry regions, where it will grow abundantly on poor, light and dry land, where other Clover and Grasses fail. Once rooted, it will last ten to fifteen years, and can be cut three to five times a year.

American.—Cheaper than the imported. Not as hardy as the latter and we advise to sow the American only in the Southern states. Prepaid, per lb. 23c; not prepaid, per lb. 12½c, peck \$1.50, bu. \$5.25, 100 lbs. \$8.50.

Sand Luzerne.—(*Medicago Media*).—Used on light sandy soils where other Clover and Grasses fail. Productive and nutritious. Prepaid, per lb. 35c; not prepaid, per lb. 25c, peck \$3.00, bu. \$11.50, 100 lbs. \$18.50.

Yellow.—(*Medicago Lupulina*). Also known in Germany as Monthly Clover. Very little known here. Grown more extensively and better known in Germany. It derives its name, "Monthly," because it can be cut three or more times a season. Culture like Red Clover. Prepaid, per lb. 25c; not prepaid, per lb. 15c, peck \$1.65, bu. \$6.25, 100 lbs. \$9.90.



Crimson Clover.



Yellow Clover.

WERNICH'S SPECIAL GRASS MIXTURES.

For Permanent Meadows
and Pastures.

"GRASS IS KING"

"No Grass" "No Cattle"
"No Cattle" "No Manure."
"No Manure" "No Crops."



WHAT OUR CUSTOMERS SAY.

IN CONNECTICUT.

The mixture sent me proved successful beyond expectations. Hope you will send me the same seed this time.

WM. SCHMITZ.

IN MISSOURI.

The meadow seeded with your mixture has found many admirers, and no doubt you will get more orders from this neighborhood.

WM. JOGGERST.

IN IOWA.

Your grass mixtures have proven themselves far superior to Timothy.

WM. HECHT.

IN MINNESOTA.

In spite of the drought my pasture looks exceedingly well, thanks to your superb mixtures.

W. KASTNER.

IN MICHIGAN.

The grass mixture bought of you last year has proven successful and I am more than pleased.

PETER GROSS.

IN PENNSYLVANIA.

Your grass mixture is a perfect success, as we have never had such crops before. Orchard Grass and Silesian Red Clover have also proven to be what you recommend them to be.

SEB. GREEN.

IN WISCONSIN.

The mixture No. 13 bought of you last year is giving perfect satisfaction.

WM. ROEHL.

IN OHIO.

Grass seed is coming along nicely and encourages me to seed down another piece with your mixtures.

CHARLES HORN, G.

WILL LAST FROM 10 TO 15 YEARS AND LONGER WITHOUT RENEWAL. TRY THEM

The importance to the farmer of a good selection and proper mixture of Grass and Clover Seeds for the various purposes of cultivation, for mowing, for soiling, for permanent pastures, etc., cannot be overestimated. We have had years of experience to guide us in our selecting suitable grasses for permanent pastures and meadows. We prepare special mixtures for different soils, selecting only such seeds in proper proportions as will insure the most satisfactory results, producing the heaviest possible crops of hay, far superior to seeding with Timothy and Clover alone, and producing far heavier crops.

If your land is different from what is described on this and on the following pages and you should want a Special Mixture, write us the composition of the soil, whether high or low land, sandy or loam, etc., and we will be pleased to suggest a Mixture to answer the purpose. If by mail add 8 cents per pound.

A—PERMANENT MEADOWS.

No. 1. For High and Dry Land, rather Light, Poor Soil.

Tall Meadow Oat Grass	} 18 lbs. per acre.
Orchard Grass.....	
English Rye Grass..	@ 10c lb., \$1.80
Kentucky Blue Grass..	100 lbs. \$9.00
Red Clover.....	}
Mammoth Clover....	

No. 2. For High and Dry Land, Heavy Soil.

Red Fescue.....	} 16 lbs. per acre.
Tall Meadow Oat Grass	
Italian Rye Grass..	@ 12½c lb., \$2.00
Rough Stalked Meadow.....	100 lbs. \$11.25
Yellow Oat Grass..	}

No. 3. For Low Land, Good and Rich Soil.

Meadow Foxtail....	} 16 lbs. per acre.
Creeping Bent.....	
Orchard Grass.....	@ 13c lb., \$2.08
Sweet Vernal.....	100 lbs. \$12.50.
Meadow Fescue....	}
Alsike Clover.....	

No. 4. For Peat Bottom.

Meadow Foxtail....	} 16 lbs. per acre.
Creeping Bent.....	
Meadow Fescue....	@ 12½c lb. \$2.00
Zigzag Clover.....	100 lbs. \$11.25
Alsike Clover.....	}

No. 5. For Low Land which is Flooded at Times.

Creeping Bent....	} 18 lbs. per acre
Tall Fescue Grass..	
Red Top.....	@ 13c lb. \$2.34
Powl Meadow.....	100 lbs. \$12.50
Alsike Clover.....	}

No. 6. For Swamps.

Floating Meadow Grass	} 10 lbs. per acre.
Water Spear Grass..	
Tall Fescue Grass..	@ 18c lb. \$1.80
	100 lbs. \$16.00

OPINIONS OF THE PRESS.

Country Gentleman says: "Below the taller grasses was a thick mat of finer kinds, and the close, rich turf hid every particle of soil."

American Agriculturist says: "Such mixtures are far superior to Timothy, or 'Timothy and Clover,' or any one grass, costing but little more, lasting much longer, and giving frequently more than double the yield."

Farm and Home says: "The enormous yield of nearly four and one-half tons of good hay per acre should convince anyone that more hay and better pasture can be grown with mixtures than with Timothy and Clover alone, as under the very same conditions the latter yielded less than a ton and a half per acre."

How the Farm Pays says: "Far in advance not only of Timothy, but of any other grass we have thus far in cultivation."

B—PERMANENT PASTURES.

No. 7. For High and Dry Land, rather Light; Poor Soil.

Meadow Foxtail.....	} 20 lbs. per acre. @ 10c lb. ....\$2.00 100 lbs...\$9.00
Orchard Grass.....	
Timothy.....	
Rough Stalked Meadow Grass.....	
Meadow Fescue.....	
English Rye Grass....	
Red Clover.....	
White Clover.....	

No. 8. For High and Dry Land, Good Soil.

Meadow Foxtail.....	} 20 lbs. per acre. @ 10c lb. ....\$2.00 100 lbs...\$9.00
Orchard Grass.....	
Timothy.....	
Rough Stalked Meadow Grass.....	
Meadow Fescue.....	
English Rye Grass....	
Italian Rye Grass....	
Luzerne.....	
White Clover.....	

FREE!!
Cahoon's Broadcast Seed Sower.



Broadcasts 16 to 40 feet, Wheat, Rye, Oats, Barley, Timothy, Clover, Millet, etc.

Price \$2.75, or free with every purchase of our Grass Mixtures (excepting the "D" Mixtures on bottom of page) to the amount of \$30.00.

No. 9. For Low and Wet Pastures.

Tall Fescue Grass.....	} 18 lbs. per acre. @ 12½c lb. ....\$2.25 100 lbs...\$11.25
Red Top.....	
Orchard Grass.....	
Rough Stalked Meadow Creeping Bent.....	
Timothy.....	
Alsyke Clover.....	

No. 10. To Improve a Marsh we use the following, which makes an excellent Pasture.

Water Spear Grass.....	} 10 lbs. per acre. @ 15c lb. ....\$1.50 100 lbs...\$13.50
Tall Fescue Grass.....	
Red Top.....	

No. 11. To improve or make a good Pasture in the Woods or Shady Places, we recommend the following Mixture.

Wood Hair Grass.....	} 18 lbs. per acre. @ 12½c lb. ....\$2.25 100 lbs...\$11.25
Orchard Grass.....	
Kentucky Blue Grass....	
Crested Dog's Tail.....	
Tall Meadow Oat Grass Sweet Vernal.....	
Wood Meadow Grass....	
White Clover.....	

C—MIXTURE FOR SPECIAL PURPOSES.

No. 12. For Side Hills, to avoid Sliding or Washing off.

Bromis Inermis.....	} 16 lbs. per acre. @ 18c lb. ....\$2.88 100 lbs...\$16.00
Creeping Bent.....	
White Clover.....	
Wood Hair Grass.....	

No. 13. For Black Soil, wet in the Spring and dry in the Summer.

Crested Dog's Tail.....	} 18 lbs. per acre. @ 12½c lb. ....\$2.25 100 lbs...\$11.25
Italian Rye Grass.....	
Blue Grass.....	
White Clover.....	

No. 14. For Sand and Gravel Hills.

Wood Hair Grass.....	} 16 lbs. per acre. @ 12½c lb. ....\$2.00 100 lbs...\$11.25
Luzerne.....	
Sheeps Fescue.....	
Medicago Lupulina.....	

No. 15. For Sheep Pasture, High and dry Land.

Wood Hair Grass.....	} 16 lbs. per acre. @ 12½c lb. ....\$2.00 100 lbs...\$11.25
Crested Dog's Tail.....	
Sweet Vernal.....	
Blue Grass.....	
Sheep's Fescue.....	
White Clover.....	

No. 16. Extra Mixture for a Hog Pasture.

Red Clover.....	} 16 lbs. per acre. @ 12½c lb. ....\$2.00 100 lbs...\$11.25
Mammoth Clover.....	
Alsyke Clover.....	
Blue Grass.....	
Timothy.....	

No. 17. For Two Crops of Hay and Hog Pasture.

Crimson Clover.....	} 14 lbs. per acre. @ 11c lb. ....\$1.54 100 lbs...\$10.50
Italian Rye Grass.....	
Blue Grass.....	
Creeping Bent Grass.....	

No. 0. For a Prairie.

Creeping Bent Grass.....	} 14 lbs. per acre. @ 12½c lb. ....\$1.75 100 lbs...\$11.50
Meadow Fescue.....	
Orchard Grass.....	
Tall Meadow Oat.....	
Crimson Clover.....	
Red Clover.....	

No. 18. Special Mixture, "Plenty Fodder."

If sown in April this Mixture will yield 1½ to 2 tons of hay the latter part of June, and about 1½ tons in August and leave enough pasture.

Hungarian Grass, 24 lbs. }	} 40 lbs. per acre. @ 5½c lb. ....\$2.20 100 lbs...\$5.25
Italian Rye Grass, 6 " }	
Crimson Clover, 10 " }	

No. 19. Wernich's Special Mixture.

For soils where it is hard to determine what Grasses or Clovers are adapted to grow.

11 Varieties Clovers.....	} 18 lbs. per acre. @ 10c lb. ....\$1.80 100 lbs...\$9.50
26 Varieties Grasses.....	

No. 20. Extra German Mixture.

Land that has been used for barley and oats for years, and is to be turned over for a meadow, can be sown with this mixture and obtain good results.

Red Clover.....	} 18 lbs. per acre. @ 10c lb. ....\$1.80 100 lbs...\$3.75
Timothy.....	
Meadow Fescue.....	
Orchard Grass.....	
English Rye Grass.....	

D—CHEAP HAY AND PASTURE MIXTURES.

JUST THE THING FOR RESEEDING OLD MEADOWS AND PASTURES FOR ONE TO THREE YEARS.

	50 lbs.	100 lbs.
Crimson Clover and Timothy..	\$2.75	\$5.25
Red Clover and Timothy.....	2.50	4.75
White Clover and Timothy...	3.00	5.75
Alsyke Clover and Timothy...	3.00	5.75
Yellow Clover and Timothy...	2.75	5.25

Thompson's Wheelbarrow Seeder.



Sows Clover, Timothy, Millet, Alfalfa, Flax, Grain, etc. Sows 40 to 60 acres a day. Wind cannot interfere in the sowing with this machine. Weight 40 lbs. Price \$7.25.

New Ulm, Minn.
Grass Seed Mixture yielded the largest crop of hay in this locality.
ANT. SPERL.

Afolkey, Ill.
The Grass Seed we got of you last year gave good satisfaction.
CHAS. E. LANGENSTEIN.

AT FIRST SIGHT

\$2.00 to \$3.00 per acre appears to be a high price for the seeding of a meadow or pasture with our A. and B. Mixtures, but bear in mind its PERMANENCY we have in view, and in the end it is a SAVING of over 100 PER CENT over seeding with Timothy and Clover only.

ABOVE QUANTITIES

as given per acre with A. and B. Mixtures are the minimum. Our advice always is that Grass Seed CANNOT be sown too thick, therefore we recommend that half again as much per acre will do more good than harm. Or you can add 5 to 10 pounds of Timothy per acre.

Onoga, Kan.
Three years ago I sowed some of your Grass Mixtures for a pasture, which has proven to be the finest for miles around.
H. GERLACH.

WERNICH'S LAWN GRASS MIXTURES

For Special Situations, Terraces and Embankments, Hot, Dry Sections.

The Special Mixtures here offered have been prepared with a view to overcoming difficulties that have hitherto existed in getting grass to grow on steep slopes, in the shade, etc., where the grasses ordinarily used would not succeed.

FOR SOILING USE RECLEANED BONE MEAL. (SEE PAGE 42.)

FOR TOP DRESSING USE LAWN FERTILIZER. (SEE PAGE 42.)



The principal features to secure a good lawn are: First, a rich, well drained soil; second, careful preparation of the ground, making it as fine, smooth and mellow as possible; third, a wise selection of seeds; fourth, sowing at such a time as to give the young plant time to become well established before being subject to very dry or very cold weather. Seeding may be done in spring or fall. If done during the hot months of summer, the ground must be kept moderately moist when sowing is done. With the ground prepared well, let the surface be gone over with a fine rake, and the seed evenly scattered, after which carefully rake or brush the seed in and follow with a roller.

SEED REQUIRED:

25x25 feet, or 625 square feet.....	1 pound	50x50 feet, or 2,500 square feet.....	1 peck
100x100 feet, or 10,000 square feet.....	1 bushel	Per acre	4 bushels

Wernich's "Fine Mixed" Lawn Grass.

A mixture containing cheaper grades of grass seeds than our "Peerless Lake Park Mixture." Prepaid, 1/2 lb. 15c, lb. 30c, peck 95c; not prepaid, per 1/2 lb. 10c, per 1 lb. 20c, per peck (3 1/2 lbs.) 65c, per bushel (14 lbs.) \$2.50, per 4 bushels \$9.00, per 100 lbs. \$17.50.

Wernich's "Lake Park" Lawn Grass.

This excellent mixture is composed of only the finest Dwarf Growing Recleaned Grass Seeds, mixed in proper proportions. This mixture is the same as is used in our Milwaukee Public Parks. Prepaid, 1/2 lb. 20c, lb. 35c, peck \$1.10; not prepaid, per 1/2 lb. 15c, per lb. 25c, per peck (3 1/2 lbs.) 80c, per bushel (14 lbs.) \$3.00, per 4 bushels (enough for one acre), \$10.50, 100 lbs. \$19.00.

Beautifying Country Homes.

By Weidenmann.

This is the most elegant and useful work on the subject ever issued in this country. Beautifully illustrated, with several fine wood engravings, and with seventeen full-page and seven double-page colored lithographs of places already improved. It contains general directions for lawns, roads and drives, walks, hedges, trees and shrubs, gardens, ornamental grounds, hints on burial lots, etc. The beautifully colored plans of improved places are accompanied by descriptions, giving the names and position of the various trees and shrubs employed in planting, thus providing a complete planting map. Cloth, 4to. Reduced from \$15.00 to \$10.00.

"Terrace Sod" Lawn Grass.

A special mixture of grasses best suited for sowing on terraces, railroad embankments and side hills—grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, velvety green turf throughout the season. Prepaid, 1/2 lb. 25c, lb. 50c, peck \$1.70; not prepaid, per lb. 40c, peck (3 1/2 lbs.) \$1.40, bu. (14 lbs.) \$5.00, 4 bu. \$18.00.

"Shady Nook" Lawn Grass.

On nearly all lawns there are unsightly bare spots under the shade trees, which have baffled all efforts to get into grass, but with this mixture there need be no further difficulty. Prepaid, 1/2 lb. 30c, lb. 50c, pk. \$1.70; not prepaid, per 1/2 lb. 25c, per 1 lb. 40c, per peck (3 1/2 lbs.) \$1.40, per bushel (14 lbs.) \$5.00, per 4 bushels \$18.00, per 100 lbs. \$33.00.



CATCH THE MOLES IN YOUR LAWN WITH THE "OUT O' SIGHT" MOLE TRAP.



It will catch when others fail. Full Particulars with each trap.

Many of our customers have written us that they have been greatly troubled with moles in their lawns. The "Out o' Sight" Mole Trap has many advantages over all others. It is designed and built right, easy to set without danger to operator, can be used in hot-beds on account of its height, pedal can be set so sensitive that it is impossible for the mole to pass under the trap without being caught.

See Cut in lower left hand corner of above Picture. Price, \$1.00. Prepaid, \$1.25.



FORAGE AND FODDER PLANTS.

Australian Salt Bush. The great fodder plant, which has proven a boon to the stockraisers on our western prairies. In fact, it will be only a matter of time when thousands of acres of alkali lands will be made productive and profitable by planting this valuable forage plant. One pound of seed will plant an acre. Sow after the ground has become warm and all danger of frost is past. Mix the seed with ten times its bulk of loam, sand or land plaster and sow broadcast, after which cover lightly with a brush harrow or roll lightly. Or the seed may be sown in a hot-bed, cold frames, seed boxes, or in a protected garden bed, and the seedlings transplanted when two inches high, seven to eight feet apart. If the weather is dry when planting, supply a little water to each plant. Prepaid, pkt. 10c, oz. 20c, ¼ lb. 65c, lb. \$2.25.

ARTICHOKES. Produce more hog food per acre than any crop known, and the hogs will harvest the crop themselves. Hogs taken from Artichokes to Blue Grass and Clover will not root up the sod, as they are free from intestinal worms, constipation, indigestion and fever, caused by feeding corn in winter. Not prepaid, peck 50c, bu. \$1.50, bbl. \$3.00, 10 bbls. \$13.50; prepaid, lb. 25c, 5 lbs. 60c.

BROOM CORN. Improved Evergreen.—Grown more extensively than any other variety. Grows seven feet high. Sow 35 lbs. to the acre. Prepaid, per lb. 20c; not prepaid, per lb. 10c, 5 lbs. 30c, 10 lbs. 50c, 25 lbs. \$1.20, 100 lbs. \$4.50.

COW PEAS. The pods may be harvested for the grain, and the plants plowed under to fertilize the soil. Poor, sandy land may be greatly improved by plowing under a crop of Cow Peas.

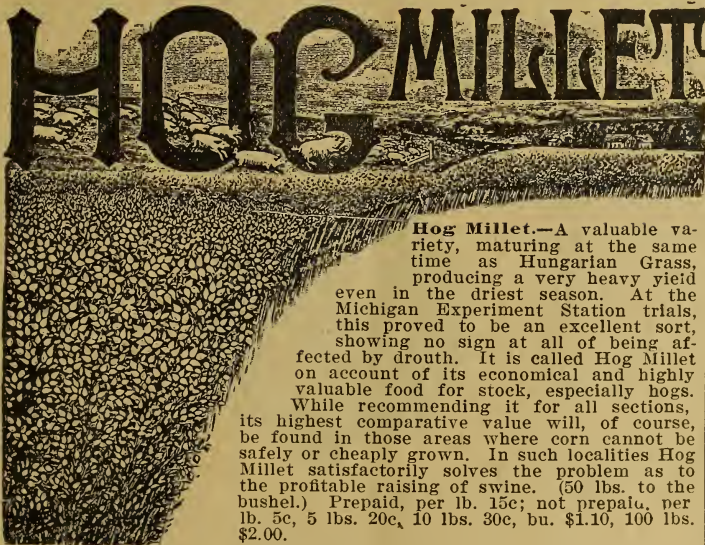
Whippoorwill.—Prepaid, per lb. 20c; not prepaid, per lb. 10c, 5 lbs. 35c, 10 lbs. 60c, 25 lbs. \$1.25, 100 lbs. \$4.00.

Clay Colored.—Recommended for the South. Prepaid, per lb. 20c; not prepaid, per lb. 10c, 5 lbs. 40c, 10 lbs. 65c, 25 lbs. \$1.30, 100 lbs. \$4.00.

JERUSALEM CORN.

It belongs to the non-saccharine sorghums, grows about three feet high, makes one large head on main stalk and several smaller heads on sideshoots, often as many as 8 heads on one stalk. It is a sure crop for dry sections. Six to eight lbs. of seed in rows will plant an acre. Broadcast 40 lbs. per acre. Prepaid, per lb. 20c; not prepaid, per lb. 10c, 5 lbs. 40c, 10 lbs. 70c, 25 lbs. \$1.25, 100 lbs. \$4.00.

Greeley, Ill.
Was well pleased
with your seeds.
J. TOBLER.



RED KAFFIR CORN

One of the best forage plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stock when the first seed heads come into bloom. The second growth, springing at once from the roots, will still mature a full crop of grain and a second full crop of forage before the middle of October. Sow in rows three feet apart, six to eight lbs. of seed to the acre. Broadcast, 40 lbs. per acre. Prepaid, per lb. 20c; not prepaid, per lb. 10c, 5 lbs. 30c, 10 lbs. 50c, 25 lbs. 95c, 100 lbs. \$3.25.

Hog Millet.—A valuable variety, maturing at the same time as Hungarian Grass, producing a very heavy yield even in the driest season. At the Michigan Experiment Station trials, this proved to be an excellent sort, showing no sign at all of being affected by drouth. It is called Hog Millet on account of its economical and highly valuable food for stock, especially hogs. While recommending it for all sections, its highest comparative value will, of course, be found in those areas where corn cannot be safely or cheaply grown. In such localities Hog Millet satisfactorily solves the problem as to the profitable raising of swine. (50 lbs. to the bushel.) Prepaid, per lb. 15c; not prepaid, per lb. 5c, 5 lbs. 20c, 10 lbs. 30c, bu. \$1.10, 100 lbs. \$2.00.

MILLETS.

We know of nothing like Millet for sowing to cover up shortage in your hay crops. It can be sown up to the middle or end of June and makes a valuable catch crop. Sow 50 lbs. to the acre.

Common Millet.—Very early, grows three feet to four feet high; foliage broad. (50 lbs. to the bushel.) Prepaid, per lb. 15c; not prepaid, lb. 5c, 5 lbs. 15c, 10 lbs. 25c, bu. 80c, 100 lbs. \$1.50.

German, or Golden Millet.—Matures about two weeks later than Common Millet, grows three to five feet high; seeds round, golden yellow, in rough sheaths. (50 lbs. to the bu.)

No. 1 Fancy German.—Prepaid, per lb. 15c; not prepaid, per lb. 5c, 5 lbs. 20c, 10 lbs. 40c, bu. \$1.35, 100 lbs. \$2.50.

No. 2 German.—Prepaid, per lb. 15c; not prepaid, per lb. 5c, 5 lbs. 18c, 10 lbs. 30c, bu. \$1.10, 100 lbs. \$2.00.

Hungarian (Grass) Millet.—Medium early, grows three to five feet high, abundant foliage and slender head; withstands drouths and yields well on light soil. (48 lbs. to the bushel.) Prepaid, per lb. 15c; not prepaid, lb. 5c, 5 lbs. 15c, 10 lbs. 25c, bu. 80c, 100 lbs. \$1.50.

German Edible Millet.—A variety used extensively in Germany for table use. The seed is mashed and cooked in milk. Prepaid, per lb. 28c; not prepaid, lb. 18c, 10 lbs. \$1.50.

PEANUTS. Are eaten by hogs and poultry, and the cattle readily eat the straw. In the row, and have the rows far enough apart to allow cultivating. As soon as ripe, turn hogs into the field, and they will help themselves. Prepaid, pt. 13c, qt. 20c; not prepaid, pt. 10c, qt. 15c, 5 qts. 65c, 16 qts. \$1.60, 32 qts. \$2.85.



Peanut.

FORAGE AND FODDER PLANTS.—CONTINUED.

Beans and Peas subject to Market Fluctuations.

FIELD BEANS. *Wernich's Prolific Tree*

—A prolific field bean, which, with ordinary culture, will produce from 60 to 80 bushels to the acre. Prepaid, pt. 20c, qt. 35c; not prepaid, pt. 10c, qt. 20c, peck \$1.00, bu. \$3.75.

White Marrowfat.—A good field bean. Prepaid, pt. 20c, qt. 30c; not prepaid, pt. 10c, qt. 15c, peck 85c, bu. \$3.00.

Navy.—A well known variety. Prepaid, pt. 20c, qt. 30c; not prepaid, pt. 10c, qt. 15c, peck 75c, bu. \$2.75.

Soja.—This is the bean which has been extensively advertised and sold as the German Coffee Berry by certain seedsmen at fabulous prices. In the South it is extensively used for plowing under, also for Fodder, and has been known to yield eight tons of green fodder per acre. Prepaid, pt. 20c, qt. 35c; not prepaid, pt. 10c, qt. 20c, peck \$1.25, bu. \$4.25.

LATHYRUS SYLVESTRIS. Flat Peas.

Its roots penetrate the soil thirty feet, which enables it to withstand great extremes of cold and drouth. It has double the feeding value of Alfalfa, a crop richer than red clover. It is rich enough for fattening either hogs or sheep without any grain. It will last fifty years without manure and without re-seeding. It will cut eight tons of hay per acre in a season. When established, a field of it will fatten hogs without any corn. Its growth is slow the first two years. The plants grow very little above ground the first year, but the roots make rapid growth. The second year the top thickens up, and the third year the plant is matured. The seed requires several weeks to germinate. Sow in April or May on well prepared ground in drills about one to two feet apart, seeds about one to two inches deep, about two inches apart in the drills, and cover well; keep well cleaned from weeds afterwards. The plants can be transplanted either in spring or fall on any kind of soil, even on rocky ground, but not on wet lands. Prepaid, pkg. 5c, oz. 10c. ¼ lb. 40c, 1 lb. \$1.10; not prepaid, 1 lb. \$1.00, 5 lbs. \$4.80, 10 lbs. \$9.50.

FIELD PEAS. *Sown with*

Vetches and cut while yet in the milk, they make excellent feed for cows, or if for hogs alone can be used as a pasture.

Canada White.—Prepaid, pt. 15c, qt. 25c; not prepaid, pt. 5c, qt. 10c, peck 40c, bu. \$1.00, 2½ bu. \$2.25.

Canada Green.—Prepaid, pt. 15c, qt. 25c; not prepaid, pt. 5c, qt. 10c, peck 40c, bu. \$1.15, 2½ bu. \$2.70.

Blue Prussian.—Prepaid, pt. 15c, qt. 25c; not prepaid, pt. 5c, qt. 10c, peck 45c, bu. \$1.35, 2½ bu. \$3.25.

Dwarf White Marrow.—Prepaid pt. 15c, qt. 25c; not prepaid, pt. 5c, qt. 10c, peck 75c, bu. \$2.50.

SAND OR HAIRY VETCH.

This forage plant is particularly adapted for hog pastures, as it withstands close eating and is much relished by all kinds of stock. A nice hog pasture can be produced in a few months by making a sowing of these Vetches early in April. Sowings made in August or September withstand easily our Northwestern winters, and will furnish a handsome crop of green fodder by the end of April, which, on good land, has equaled fifteen tons per acre. Sow in drills 3 feet apart, using 30 lbs. of seed per acre, or broadcast with the addition of one-half bushel Rye or Oats to furnish support for the vines. Prepaid, per lb. 22c; not prepaid, lb. 12c, 5 lbs. 50c, 10 lbs. 80c, 25 lbs. \$1.85, 100 lbs. \$6.50.

DWARF ESSEX RAPE.



Rape.—May be grown successfully in the following ways, viz.: 1. In the early spring to provide pasture for sheep and swine. 2. In June or July on well-prepared land to prepare pasture for sheep. 3. Along with grain, using 2 lbs. of seed per acre to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture for sheep and to get a "catch" of clover. 5. Along with corn drilled in broadcast to provide pasture for sheep. 6. In corn, sowing the seed with the last cultivation given to the corn. 7. Along with rye sown in August in sheep pasture. When Rape is sown broadcast, 5 lbs. of seed per acre will suffice. Prepaid, per lb. 25c; not prepaid, lb. 15c, 5 lbs. 50c, 10 lbs. 75c, 25 lbs. \$1.75, 100 lbs. \$6.50.

MAMMOTH RUSSIAN SUNFLOWER.



Sunflower Seed is the best egg-producing food known for poultry. It can be raised cheaper than corn. Every farmer should plant some of the seed in any waste place of ground any time from early spring up to the middle of July. Besides the great value of seed as a poultry and stock food, its leaves make capital fodder, while its strong, thick stalks can be profitably used as fuel. Three quarts of seed will plant one acre. Prepaid, per lb. 15c; not prepaid, lb. 8c, 5 lbs. 35c, 10 lbs. 65c, 25 lbs. \$1.60, 100 lbs. \$6.00.

LENTILS. *Cultivated like Peas.*

Largely used for soups. Has a ready sale in all grocery stores. Prepaid, per lb. 25c; not prepaid, 1 lb. 15c, 5 lbs. 65c, 10 lbs. \$1.10, 25 lbs. \$2.50, 100 lbs. \$8.50.

LUPINS. *The young plants are*

good for sheep. It is also one of the best plants known for soiling. It may be sown from April to July, and succeeds well in the poorest soil.

BLUE.—Prepaid, per lb. 20c; not prepaid, lb. 10c, 5 lbs. 45c, 10 lbs. 75c, 25 lbs. \$1.85, 100 lbs. \$7.00.

YELLOW.—Prepaid, per lb. 20c; not prepaid, lb. 10c, 5 lbs. 45c, 10 lbs. 75c, 25 lbs. \$1.85, 100 lbs. \$7.00.

MIL O MAIZE. *The growth*

is tall, 9 to 12 feet, stooling from the ground. It sends out shoots also from the joints. The seed heads grow to great size on good land, often weighing ¾ of a pound. Sow 4 to 8 lbs. in rows per acre. Broadcast 30 to 40 lbs. per acre. Prepaid, per lb. 20c; not prepaid, 1 lb. 10c, 5 lbs. 30c, 10 lbs. 50c, 25 lbs. \$1.00, 100 lbs. \$3.75.

SACCALINE. *Extensively sold as a*

forage plant for desert and arid regions, as well as for low ground and waste places. Few of the experiments are sufficiently productive of results to recommend or condemn Saghalin. Prepaid, pkt. 10c, oz. 35c, ¼ lb. \$1.25, lb. \$4.00.

SPURRY. *Is an animal plant.*

extensively cultivated in Europe as a winter pasture for cattle and sheep. It grows so well on poor, dry, sandy soil that it has been called "the clover of sandy land." If sown in March, then again in May, and afterwards in July, it will produce three crops upon the same field in one season. Sow 15 lbs. per acre on soil fit for clover. It can be sown from March until August, and is fit for pasture in five weeks. Prepaid, per lb. 25c, 3 lbs. 65c; not prepaid, lb. 15c, 5 lbs. 60c, 10 lbs. 95c, 25 lbs. \$2.00, 100 lbs. \$7.50.

SUGAR CANE. *ORANGE.*—Adapted

almost to every section wherever introduced as a profitable crop for fodder, as well as for sugar making. Prepaid, lb. 20c; not prepaid, 1 lb. 10c, 5 lbs. 35c, 10 lbs. 65c, 25 lbs. \$1.10, 100 lbs. \$4.00.

Early Minnesota.—Northern grown

and the hardiest variety known. Prepaid, lb. 20c; not prepaid, lb. 10c, 5 lbs. 40c; 10 lbs. 70c, 25 lbs. \$1.30, 100 lbs. \$4.75.

TEOSINTE. *A grand forage plant for*

the southwestern states, growing 12 feet high, very thickly covered with leaves, yielding such an abundance of forage that one plant is considered to be sufficient to feed a pair of cattle for twenty-four hours. Prepaid, pkt. 5c, oz. 10c, ¼ lb. 40c, lb. \$1.35; not prepaid, 70c, 5 lbs. \$5.95, 10 lbs. \$15.00.

FIELD VETCHES.

Spring Tares.—(*Vicia sativa.*)—Sown broadcast at rate of 1 to 1½ bushels to the acre, like wheat or barley, and sometimes mixed with oats for soiling. Prepaid, lb. 20c; not prepaid, lb. 10c, 5 lbs. 35c, 10 lbs. 65c, 25 lbs. \$1.50, 100 lbs. \$5.50.

WILD RICE.

A valuable plant for sowing in lakes and marshes to attract water fowl. The seed should be sown during September and October, or in the early spring, as soon as the ice has disappeared. It should be scattered in water in from one to three feet deep. Prepaid, per lb. 30c; not prepaid, 1 lb. 20c, 5 lbs. 90c, 10 lbs. \$1.70, 25 lbs. \$4.00, 100 lbs. \$15.00.



Flower Seeds.



General Cultural Directions:

Most flower seeds germinate well in a rather light, sandy loam, exposed to the sun, while a few are benefited by partial shade. Nearly all the hardy seeds vegetate better when planted in early spring.

A general rule for the seed-bed is to have the soil rich, level and worked very finely. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have swelled, for if it does, they will be pretty sure to fail. For this reason it is best to sow most small seeds in shallow boxes 2 to 3 inches in depth and of any convenient size, that the surface of the soil may be kept properly moistened.

After the seeds are up, care must be taken to give them plenty of air and moisture, and yet not too much water, or they will "damp off" (rot at the top of the ground.) When transplanted to the bed or border, water frequently.

Annuals grow, bloom and die the first year from seed. They are all of easiest culture.

Biennials flower the second year, sometimes the third, then die. Some bloom the first year.

Perennials usually bloom the second season and continue in life several years.

In this catalogue we abbreviate the classifications as follows:

- A to designate **Annuals**.
 - B for **Biennials**.
 - P for **Perennials**.
 - T for **Trailers**.
 - C for **Climbing Plants**.
 - G. P. for **Greenhouse Plants**.
- As to **hardiness**: H, hardy, HH half-hardy, T, tender.

Post yourself in Floriculture by reading
THE BEAUTIFUL FLOWER GARDEN.
 By F. Schuyler Matthews.

A book that tells how to lay out and plan a small garden or lawn so that the picturesqueness of the wider landscape gardening will result as far as possible. Paper cover, 12mo. Price, postpaid, 55c.

There is Money for You

in Flower Seeds, and it will pay you to secure your neighbors' orders.

WE MAKE THESE LIBERAL DISCOUNTS.

Customers Sending	} May Select	\$1.00	} worth of Flower and Vegetable Seeds in packets and ounces. This discount, however, does not apply to seed by weight (¼ lbs. and over), or collections, nor does it apply to orders sent at different times during the season, except previous arrangement is made, nor does it apply to plants, bulbs, potatoes, grass and field seeds and tools; but customers are allowed to select seeds for the cost of remittance besides these discounts.
		2.00	
		3.00	
		4.00	
		5.00	
		\$1.30	
		2.70	
		4.00	
		5.50	
		7.00	

SEEDS FOR SPECIAL PURPOSES

The following list is useful in making selections of suitable varieties for a given object.

FOR CONSTANT BLOOM.

LOW GROWING PLANTS. For Beds and Edgings.

Ageratum, Agrostemma, Alyssum, Amaranthus, Asperula, Bachelor's Button, Begonia, Browallia, Cacalia, Calceolaria, Calliopsis, Campanula, Candytuft, Chrysanthemum, Dahlia, Daisy, Dianthus or Pinks, Escholtzia, Forget-me-not, Gaillardia, Geranium, Gnaphalium, Godetia, Golden Rod, Heliotrope, Ice Plant, Lobelia, Mignonette, Marigold, Nasturtium (dwarf), Nigella, Pansy, Phlox Drummondii, Poppy, Portulaca, Pyrethrum, Scabiosa, Verbena, Violets, Zinnia (dwarf).

TALL GROWING PLANTS. For Backgrounds and Centers.

Adonis, Antirrhinum or Snap Dragon, Aquilegia, Aster, Auricula, Balsam, Calendula, Cannas, Castor Bean, Celosia, Cleome, Cosmos, Datura, Delphinium, Digitalis, Hedysarum, Hollyhock, Helianthus or Sunflower, Jacobaea, Lupins, Marigold, Mirabilis or Four O'Clock, Nicotiana, Paeony, Primula, Salvia, Stocks, Sweet William, Zinnia.

Sweet Alyssum, Candytuft, Carnation, Celosia, Escholtzia, Nasturtiums, Petunias, Phlox Drummondii, Pinks, Portulaca, Sweet Peas, Verbena, Zinnia.

FOR VASES AND BASKETS.

Abronia, Alyssum, Asperula, Convolvulus Minor, Kenilworth Ivy, Lobelia, Mauraundia, Mimulus, Nasturtium (dwarf), Oxalis, Silene, Smilax, Verbena.

CLIMBERS FOR PORCHES, ETC.

Abobra, Adlumia, Aristolochia, Canary Bird Flower, Clematis, Cobaea, Convolvulus Major, Cypress Vine, Dolichos, Gourds, Humulus or Japan Hops, Lophospermum, Momordica, Moonflower, Nasturtium (tall), Passiflora, Scarlet Runner Beans, Sweet Peas, Wild Cucumber.

FOR FRAGRANT FLOWERS.

Sweet Alyssum, Candytuft, Carnation, Four O'Clock, Heliotrope, Mignonette, Nasturtium, Stocks, Sweet Pea, Verbena, Violet, Wallflower.

ABOBRA.

Viridiflora.—A very rapid growing and exceedingly beautiful climber, producing freely dazzling scarlet fruit. T. A. C. Pkt. 3c.

ABRONIA.

Trailing Plants with Verbena-like and Rosy-lilac flowers may be trained to sticks or left in its natural mode of growth. Peel off the husk before sowing. Very fragrant. H. H. A. T. Pkt. 5c.

ADLUMIA.

(Mountain Fringe, or Allegheny Vine.)

An attractive climber. The flowers are flesh-colored and form a fine contrast to the pale-green foliage of the plant. Height 15 feet. H. B. C. Pkt. 5c.

ADONIS.

This showy plant is of unusual merit on account of its adapting itself to any circumstances under which it may be placed.
Æstivalis (Flos Adonis). Scarlet. H. A. 1 foot. Pkt. 3c.

AQUILEGIA. (Columbine.)

Double.—Curiously shaped beautiful flowers. Blooms very early. 2 feet. H. P. All colors mixed. Pkt. 5c.

ASPERULA. Finely adapted for bouquets, by reason of its shape, size and delicate color—a light blue or lavender. Blooms from July until after severe frosts. 1 foot.

Setoso.—H. H. A.Pkt. 5c **Odorata, Woodruff.**—H. P.Pkt. 10c



Abronia.



Adlumia.



Ageratun, Little Dorrit.

AGERATUM.

Valuable plants for large beds or borders, and very useful where cut flowers are in demand; blooms the whole summer; also good for winter blooming. H. H. A.

Little Dorrit.—Fine white flowers; 18 inches. Pkt. 3c.

Tom Thumb.—Very dwarf, blue flowers; 6 inches. Pkt. 3c.

Golden Gate, Minn. Was exceedingly well pleased with the Flower Seed I had from your house two years ago. Miss M. Ziegenhagen.

AGROSTEMMA

Coeli Rosea (Rose of Heaven).—Attractive, producing flowers on long slender stems like a single pink; blooms the first season; 1 foot. H. A. Pkt. 5c.

Fan, Ia.

Was much pleased with the Seed I had from you last year. H. C. FIMMEN.

ANTIRRHINUM

(Snapdragon.)

Unsurpassed for summer and fall flowering. They succeed in any good garden soil and are very effective in beds or borders, blooming the first year from seed, if sown early. H. P. **Majus.**—Mixed. Pkt. 5c.



Agrostemma.

SWEET ALYSSUM.

The delicate honey-like fragrance of the flower of this little plant, so much prized in bouquets, basket and design work, renders it most unlikely that this old favorite will ever be cast aside. Easy culture; blossoms all summer; 12 inches.

Little Gem.—Grows quick from seeds and the plants will bloom when quite young. The abundance of flowers is simply enormous; 300 blossoms have been counted on a single plant. H. A. Pkt. 3c, 1/4 oz. 15c, oz. 40c.

Golden Saxatile.—A free growing, dwarf, hardy perennial. Flowers brilliant golden yellow, completely hiding the foliage. Showy for permanent borders and beds. H. P. Pkt. 5c.



Amaranthus Solicifolius.

ASTERS.

For profusion of flowers and richness of display the Asters are unrivaled and constitute the principal adornment of our gardens during the autumn. Sow the seed early in the spring under glass or in pots in the house, and transplant into rich soil about one foot apart, according to height of plants. H. H. A.

DWARF VICTORIA ASTERS.

One of the finest Asters in cultivation; flowers very large, perfectly double, imbricated and globular. 12 inches **Pure White.**—Pkt. 3c. **Light Blue.**—Pkt. 8c. **Crimson.**—Pkt. 8c. **Scarlet.**—Pkt. 3c. **Purple Violet.**—Pkt. 8c. **Peach Blossom.**—Pkt. 10c. **Collection of the above 6 Packets for 40c.** **Dwarf Victoria Mixed.**—Pkt. 10c. **ed.**—Pkt. 8c.



LATE BLOOMING BRANCHING ASTERS.

Lengthen the Season Until Frost.

SEMPLE'S. An American grown Aster, which, by constant and careful selection, has attained high excellence. Plant of robust growth, about two feet in height, branching out well and bearing on long stems large, handsomely formed flowers. We offer five distinct colors:

White.—Pkt. 10c. **Crimson.**—Pkt. 10c. **Pink.**—Pkt. 10c. **Lavender.**—Pkt. 10c. **Purple.**—Pkt. 10c. **Mixed.**—Pkt. 10c.

Any 3 for 25 cts. All 6 for 40 cts.

BACHELOR'S BUTTON.

(Centaurea.)

RAGGED SAILOR OR CORN BOTTLE.

A perfectly hardy border plant, succeeding finely in any common garden soil, but the flowers are more brilliant if grown in gravelly ground. H. A. **Emperor William.**—Handsome blue color. Pkt. 5c. **Cyanus.**—Double mixed. Pkt. 3c.

BELLIS.

(Double Daisy.)

A charming little plant for pots, edgings and borders. Give it a cool, partially shaded place. Sow seeds very early. The flowers are abundant in the early spring, and may be made to flower later by the use of water. H. P. **Double Mixed.**—Finest German Seed. Pkt. 10c

AMARANTHUS.

Of handsome foliage and interesting flowers, producing striking effect in the border as a background, or as centers of beds. Sow in the open border, or in a hot-bed, which is recommended; transplant about the first week in June. T. A.

Caudatus Love Lies Bleeding.—Pretty for decorating. Pkt. 3c.

Solicifolius.—(Fountain Plant).—Drooping willow shaped leaves, handsomely variegated. Three feet. Pkt. 5c.

Tricolor.—(Joseph's Coat).—Leaves bright red, yellow and green. Pkt. 3c.

Mixed.—All varieties. Pkt. 3c.

ARISTOLOCHIA

Sipho - Dutchman's Pipe.—A rapid growing, hardy climber, growing to a height of thirty feet, with large, heart-shaped foliage, and curious yellowish brown, heart-shaped flowers. H. P. C. Pkt. 10c.

AURICULA.

The flowers, which resemble the Primrose somewhat, are of various shades of crimson, yellow, maroon, etc.

Extra Choice Mixed.—H. P. Pkt. 15c.



Aristolochia.

BALSAM.

Mixed (Lady's Slipper.) H. H. A. Per ounce 40c, pkt. 3c.

BEGONIA.

Plants well worthy of the admiration they receive. For decorative purposes they are unexcelled. T. P. Choice Rex Varieties.—Large leaved sorts, mixed. Pkt. 25c.

BROWALLIA.

Elata Coerulea.—A very handsome, profuse blooming plant, 1½ foot. H. H. A. Pkt. 5c.

CACALIA.

Tassel Flower.—Prized for bouquets. Easily grown. One and one-half foot. H. A. Pkt. 3c.

CALENDULA.

Showy, free-flowering, hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; one foot high. H. A. Choice Mixed, Pkt. 3c.

CALCEOLARIA.



Unsurpassed for the greenhouse or conservatory, producing flowers in great variety. The blooms are remarkable for their oddness of shape, and for their richness, diversity and variety of color. G. P.

Spotted and Self Colored, Finest Mixed. Pkt. 25c.

Special Offer.

The 5 choice Flowers shown on this page for 55c.

Calliopsis or Coreopsis.

The flowers are bordered yellow, orange and reddish brown, with dark purple center. H. A. Mixed, Pkt. 4c.

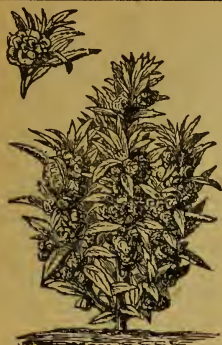
COSMOS.

Plants 4 to 6 feet high, with fine feathery foliage the flowers resembling the single Dahlia. Started early in April in a box, and planted out in May, they will flower before frost and if taken inside will flower freely until the first of December; fragrant. H. A.

Mammoth Perfection Cosmos.—Pkt. 10c.

CYPRESS VINE.

Ipomoea Quamoelit.—A beautiful climber, with delicate, dark green, feathered foliage, and an abundance of bright star-shaped scarlet, rose and white blossoms. The seeds will sprout more readily if warm water is poured on the ground after sowing. T. A. C. Mixed, oz. 30c, pkt. 5c.



Balsam.



Begonia Rex.

CAMPANULA.

Canterbury Bells.

A well-known beautiful herbaceous perennial, bearing a great profusion of attractive bell-flowers. L. P. Mixed, Pkt. 5c.

Canary Bird Flower.

A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. H. A. C. Pkt. 5c.

CANDYTUFT.

A dwarf growing annual, for edgings and beds; indispensable for cut flowers. Sow early where plants are to bloom. Keep seed heads picked off. One foot. H. A. Mixed, Pkt. 3c.

CANNA.

Cannas are stately with handsome foliage and showy flowers. The seeds are extremely hard and it is advisable to file through the hard outside covering; soak in warm water several hours before planting. The roots may be wintered in the cellar—the same as Dahlias. H. H. P. **Madame Crozy.**—Pkt. 5c.

CACTUS.

Sow in flat pans or flower-pot saucers filled with sand, keep moderately moist and cover with a piece of glass, or a tumbler. The best way is to place the pan or saucer in which the seeds are planted into one of larger size, which can be kept full of water, thus assuring the required moisture. H. H. P. Mixed. Pkt. 15c.

Cleome Pungens.

(Giant Spider Plant.)

Grows freely from seed sown in the open ground during April or May; height, about 4 feet. The flowers are very showy, with long, slender stamens and rose-colored petals, combined with the long, slender seed pods, give it the effect of a long and many-legged spider, with the flowers for a head. T. B. Pkt. 5c.



Crysanthemum Japonicum.

Celosia or Cockscomb.

Interesting and brilliant annuals of tropical origin. Are finely cut so as to resemble a cock's comb. H. H. A.

Cristata Coccinea.—Dwarf crimson, fine, 1 foot. Pkt. 5c.

Chrysanthemum.

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot-culture, distinct from autumn-flowering varieties.

ANNUAL VARIETIES.

Lord Beaconsfield.—Single Red. Pkt. 3c.

Coronarium.—Double White. Pkt. 3c.

Coronarium.—Double Yellow. Pkt. 3c.

Annual Varieties in Mixture.—Pkt. 3c.

A. four packets 10c.

PERENNIAL VARIETIES.

Japonicum.—Fl. pl. New Japanese varieties, saved from choice flowers. Pkt. 10c.

Chinese.—Double, finest mixed colors. Pkt. 10c.

Both for 15c.

CARNATIONS.

The most magnificent of all the pink family, and are general favorites for their delicious fragrance and richness of color. Seed may be sown under glass in spring, or in the open ground.

Wernich's Double Perfection Mixed.—Saved from a rich collection of mixed flowers. H. H. P. Pkt. 10c.

Early Red Grenadin.—For yielding a quantity of double red flowers, there is no outdoor Carnation that can equal it. H. H. P. Pkt. 5c.

Carnations, Fine Double Mixed.—Sweet-scented sorts, large double flowers. Pkt. 5c.

Margaret Carnation.—This Carnation blooms in four months from sowing. Flowers are larger, and the variety of colors is infinitely greater. H. H. P. Pkt. 10c.



Double Carnation.

CINERARIA.

Double Large Flowering Hybrid.—Saved from a choice strain. T. P. Pkt. 25c.

CLEMATIS.

A well-known and rapid growing, free flowering climber. Seed should be sown in the fall or winter in shallow boxes in the usual way, and when an inch or two high transplant into boxes or small pots preparatory to planting in the open ground. H. P. C.

Jackmanii Varieties.—Flowers 3 to 4 inches across. Mixed. Pkt. 25c.

Cobæa Scandens.

Magnificent rapid growing climber, often growing 20 to 30 feet in one season. The seed should be planted edge down and no water given unless the soil becomes very dry. T. P. C. Pkt. 10c.



Cineraria.

Morning Glories.

Major (Convulvulus).—Undoubtedly one of the most free-flowering climbers in cultivation and easy of culture. The beauty and variety of their flowers is unsurpassed. H. A. Mixed. oz. 10c., Pkt. 3c.

Minor.—Dwarf or Bush Morning Glories.—Beautiful and showy plants, producing an abundance of richly colored flowers. H. A. Mixed, Pkt. 5c.

Imperial Japanese**Morning Glories.**

Imported from Japan. The vines are strong and of robust growth, attaining a height of 15 to 30 feet. Some have rich, green leaves, others silvery grey, while many are spotted, striped and mottled in a most quaint and beautiful manner. It is in the flowers, however, that we find the most enchanting sight, as they are of gigantic size, often measuring 3 to 5 inches across. The colors of the flowers are almost indescribable, ranging from the palest shades of pink or rose, down to deep red, maroon and purple, light azure blues, to indigo, pure white and creamy or grey whites. Many are beautifully striped and splashed, while some have beautiful zones around the outside edges of the flowers. They are of the easiest culture and make a magnificent display around verandas, arbors and trellises. Sow early in a good rich soil, in the sunniest spot you have in your garden, and water plentifully during dry weather. Pkt. 10c.

CYPERUS ALTERNIFOLIUS.

Cyperus. "Umbrella Plant."

Umbrella Plant.—A strikingly handsome foliage plant, easily raised from seed. T. P. Pkt. 10c.

DAHLIA.

Many people are not aware that Dahlias from seed sown in the spring will bloom beautifully the first summer, and give good satisfaction. We would advise starting seed under glass, and transplanting to the garden in good rich soil the 1st of May. H. H. P.
Double Large Flowering.—Mixed. Pkt. 10c.

DIGITALIS.

"Foxglove," or "Witches' Fingers." Ornamental hardy border plants, easy culture, having long spikes of showy flowers. 3 to 5 feet. H. P. Mixed colors. Pkt. 5c.

DOLICHOS LABLAB.

Hyacinth Bean.—A rapid-growing climber of easy cultivation, bearing a profusion of pea-shaped purple blossoms; the seed-pods are of a beautiful deep purple shade in fall. Sow in the open ground April and May, against trellis, arbors, etc. Ten feet. H. H. A. C. Pkt. 5c.

EDELWEISS.

Gnaphallum Leontopodium.—Famous and true Edelweiss of the Alps. Flowers of a downy texture, pure white, star shape; easily raised from seed. H. P. Pkt. 10c.

ESCHSCHOLTZIA.

California Poppies.—Sow where wanted to bloom, as they do not bear transplanting. Thin to 6 inches apart. The fine bushy plants grow about 1 foot. H. A. Pkt. 5c.



Clematis.

CYCLAMEN.

Valuable pot plants with orchid-like blossoms of great variety and beauty of coloring, varying from the purest white to the darkest crimson. They can be grown from seed and brought to flower in about 11 months from the time of sowing. H. H. P. 1 foot.

Persicum Giganteum. Finest Mixed.—The flowers measure from 2 to 2½ inches in length. Pkt. 25c.

DATURA.

(Trumpet Flower.)

An attractive plant with large foliage and a vigorous growth, producing a succession of large, trumpet-shaped flowers, larger than a Calla Lily and having a faint perfume. Two and one-half feet. H. H. A.

Cornucopia — Horn of Plenty.—The flower is immense, often 10 inches long and 5 inches wide at the mouth, and conical, having three cones, one within the other, each with spreading, wavy margins. Color is fine purple-white. Pkt. 10c.

Dianthus or Pinks.

The Pinks may be ranked amongst the fairest gems of our flower gardens, and are deserving of their great popularity, as few flowers can equal them in profusion of bloom. Sow in a hot-bed, transplanting six inches apart. One foot high. H. B.

Chinesis—(China or India Pink).—Superb varieties, double mixed. Oz. 30c, Pkt. 5c.



Cobæa Scandens.



Convulvulus Minor.

FERNS.

No prettier ornament can be imagined than a vase of assorted Ferns for the parlor, or what is handsomer in the conservatory than pots and hanging baskets of the various kinds? Or along the shady side of a house?
Hardy Varieties.—Mixed. H. P. Pkt. 15c

FORGET-ME-NOT.

(*Myosotis*.)

An old favorite. It flourishes best in a moist, shady situation and is in constant bloom nearly the whole season. Fall sown seed will flower in early spring. If sown in boxes in the house early, will flower the first season. Six to twelve inches. H. H. P.

Alpestris Alba.—Pure White. Pkt. 5c.

Victoria.—Forms a neat compact bush about six inches high, that at all times during the season is one mass of sky-blue flowers with yellow centers. A good sort for pot culture. Pkt. 5c.

Palustris.—Compact habit, free bloomer. A bed of this when abloom in spring is a lovely sight, a sheet of sky-blue flowers. Six inches. Pkt. 10c.



Golden Rod.



Xeranthemum.

FOUR O'CLOCKS.

(Marvel of Peru.)

They are exceedingly fragrant, expanding in the evening and withering the next morning. 2 feet. H. A.
Fine Mixed...... Pkt. 3c.

GAILLARDIA.

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during summer and autumn. H. A.
Many Colors...... Mixed. Pkt. 10c.

GERANIUM.

Started early, this favorite flower can be produced from seeds and will flower the first season.
Pelargonium.—Lady Washington. H. H. P. Pkt. 20c.

GOLDEN ROD.

(*Solidago Canadensis*.)—By many looked on as the National Flower of America; flowers golden yellow, height 2 feet. H. P. Pkt. 5c.

GOURDS.

ORNAMENTAL.

Handsome climbers of rapid growth, producing fruit of peculiar and various forms which, if allowed to ripen on the vines, can be kept for months as curiosities. Sow outdoors middle of May. T. A. C.
Nest Egg..... Pkt. 5c
Bottle-shaped..... Pkt. 5c
Mock Orange..... Pkt. 5c
Apple-shaped..... Pkt. 5c
 All four varieties, 1 Pkg. each, for 15c.
Mixed..... Pkt. 5c

HEDYSARUM.

(French Honeysuckle.)

Handsome flowering plants, producing racemes of attractive peafanned flowers. It bears some resemblance to the Scarlet Clover, but is a much bolder and handsomer flower. H. B.
Coronarium.—Fine Mixed. Pkt. 5c.

SPECIAL OFFER.

The Four Flowers as shown on this page for only 20 cts.

EVERLASTING FLOWERS.

We group these under one head for convenience of ordering.

Everlastings, or straw flowers, as they are called, are handsome plants, not only for beds and borders, but also as pot plants. They are of easiest culture and will grow in any soil. When the flowers are desired for drying for winter bouquets they should be cut before fully expanded and hung up in the shade to dry.

Acroclinium.—Long stemmed, rose and white. H. H. A.

Ammobium.—White flowers. H. H. P.

Gomphrena Globe Amaranth.—Mixed; all colors. H. A.

Helichrysum.—Double Mixed.—Splendid for bouquets. Can be dyed to any desired color or shade. H. A.

Rhodanthe.—Richly colored flowers. Mixed. T. A.

Shortia.—Handsome yellow flower. H. A.

Xeranthemum.—Very double flowers. Mixed. H. A.
 Any of the above 3cts. per Pkt.
 Collection of all of the above, 7 varieties, for only 18 cts.

IPOMEAS.

MOON FLOWERS.

Climbers of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors, or stumps of trees, they are invaluable.

Brazilian Morning Glory. (Setosa).—Flowers 3 inches or more across, of a beautiful rose color, borne in large clusters very freely from July to frost. Leaves 8 to 12 inches across. T. P. C. Pkt. 10c

Evening Glory.—(Bona Nox).—Violet, large fragrant flowers, expanding in the evening. T. A. C. Pkt. 5c

Moon Flower. (Grandiflora Alba).—It bears in greatest profusion its lovely immense white flowers, five to six inches in diameter, with a five-pointed star in the center; the flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. T. A. C. Pkt. 10c

ICE PLANT.

A singular looking plant with thick, fleshy leaves, which have the appearance of being covered with crystals of ice. Start early in pots, and transplant into light, sandy soil in a warm situation. (*Mesembrianthemum Crystallinum*.) T. A. C. Pkt. 5c

JACOBEEA.

Free flowering plants. Good either for the border or pots. H. A.
Mixed..... Pkt. 5c

Helianthus or Sunflower.

White Beauty.—A Sunflower with snow-white seeds. A novelty in a 1,000. Pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 40c.

Dwarf Double.—Flowers single bright orange, elegant in form, suitable for bouquets as they measure only about two inches across. Bloom from July until frost. 3 feet. Pkt. 3c

Mammoth Russian.—Flowers of immense size, from 6 to 20 inches in diameter. Seeds are used to feed birds and poultry. Pkt. 3c

HELIOTROPE.

Heliotropes can be grown as readily from seed as Pansies or Verbenas. Sow in open ground in May, and the plants will bloom in August. H. H. P.
Mixed.—Many varieties and colors. Pkt. 5c

HOLLYHOCK.

The Hollyhock, in its present state of perfection, is very unlike its parent of olden time; it now ranks with the Dahlia, Aster, etc. The seed we offer of this handsome flower has been saved from the best collections of Europe. H. P.
Finest Mixed..... Pkt. 5c

Humulus Japonicus.

(JAPANESE HOPS.)

This splendid climber in foliage resembles the old-time Hop, but the foliage is more dense and exceedingly luxuriant, somewhat rough and hairy. H. A. C.

Japonicus.—Insect proof, withstands heat and drought and remains fresh until late in the fall. Pkt. 10c

Variegatus.—Like the preceding, except that the foliage is beautifully blotched. Pkt. 10c



Ferns.



"Bona Nox" or Evening Glory.

KENILWORTH IVY (*Linaria Cymbalaria*.)

A hardy and pretty little trailer for covering rock-work and very useful for hanging baskets, vases, etc. H. P. T...Pkt. 5c.

LARKSPUR.

A beautiful genus, the prevailing color of the flowers blue. For planting in permanent places and massing in clumps in mixed borders they are particularly desirable. H. B.

Double Tall Rocket.—MixedPkt. 5c.

LA VENDULA.

Prized for its fragrant violet flowers; succeeds best in dry, gravelly soil. When dried, the flowers are placed among lilies to impart their fragrance. H. P.

Spica.—Lilac, 2 feet.....Pkt. 3c.

LOBELIA.

Dwarf-growing plant from 4 to 6 inches high, with blue, white, crimson and rose flowers, adapted for ribbon borders. Should be started in heat and afterwards transplanted. H. H. P.

Gracilis Erecta.—Blue, dwarf habit.....Pkt. 5c.



Lophospermum.



Monkey Flower.

LOPHOSPERMUM.

Rapid-growing ornamental climbing plants, with large leaves and handsome flowers. T. P.

Scandens.—Pure violet.....Pkt. 5c.

LUPINUS.

Very desirable plants bearing long spikes of brilliant flowers. Mixed Annual VarietiesPkt. 3c

MAURANDIA.

Beautiful, rapid climber, blooming profusely until late in the autumn, also fine for the conservatory or greenhouse. 10 feet high. G. P. C.

Mixed, Choicest Kinds.Pkt. 5c.

MIMOSA.

Pudica.—(Sensitive Plant.)—A very interesting and curious plant, its leaves closing if touched or shaken. H. H. A. Pkt.5c.

MIMULUS.

(Monkey Flower.)

Showy, profuse flowering plants, comprising numerous varieties with white, sulphur and yellow grounds, spotted with crimson, scarlet and pink; fine for greenhouse or moist, shady situations. Seed is very small and should be covered very slightly.

Moschatus.—(Musk Plant.)—Fine for hanging baskets, etc.; small yellow flowers; the thin delicate leaves emit a pleasant musk odor. T. A.....Pkt. 5c.

Mignonette.—Reseda.

The hardiest annual in cultivation and a universal favorite for its sweet and delicate fragrance. The varieties named below in capitals are valuable improvements. H. A.

Reseda Odorata.—The common Sweet Mignonette.....Oz. 15c. Pkt.3c.

Machet.—The flower spikes are very broad and long, and the red flowers exceedingly fragrant. The best variety for pot culture and bedding. Pkt.5c.

Giant Flowered Pyramidal.—A grand and distinct sort. Large flowered, pyramidal in shape.Pkt. 10c.



Nicotiana.



MARIGOLD.

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

African Mixed—Pkt.....3c
French Mixed—Pkt.....3c

Momordica or Balsam Apple.

Curious climbers, with ornamental foliage and odd-shaped fruit, which, when ripe, open, showing a brilliant red interior; make a nice display on trellis and rock work. H. H. A. C. 10 ft.

Momordica Balsamina.—(Balsam Apple).... Pkt. 5c.

Momordica Charantina.—(Balsam Pear).....Pkt. 5c.

NICOTIANA.

Affinis.—(Sweet Scented Tobacco Plant.) Produces freely deliciously scented large white tubulous flowers. If taken up in fall and potted it will bloom in the house during winter. H. H. A. 2 feet.....Pkt. 5c.

NIGELLA.

Love in a Mist, or Devil in the Bush. A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seed pods; of easy culture in any garden soil. H. A.

Damascena.—Mixed, blue and white; 1 foot.....Pkt. 5c.

OXALIS.

Pretty little half-trailing annual, for hanging baskets, vases, rockwork and edgings, flowering in profusion, six to nine inches.

Valdiviana.—Yellow. T. P. T.Pkt. 5c.

Passion Flower.

A well-known climber of rapid growth, with singular large flowers, well adapted to house culture in winter or in sunny positions in summer. H. H. A.....Pkt. 5c.

PAEONY.

Beautiful hardy plants with large handsome flowers. H. P.

Sinensis.—Mixed.....Pkt. 10c.

Arborea.—Tree Paedony.....Pkt. 10c.

PETUNIA.

The brilliancy and variety of its colors, combined with the duration of its blooming period, render it invaluable for planting out in beds or mixed borders. H. H. A.

Fine Mixed.—Splendid varieties Pkt. 5c.

Hybrida.—Finest striped and blotched varieties, mixed.....Pkt. 10c.

SPECIAL OFFER. The five choice Flowers shown on this page for 20c.

PHLOX DRUMMONDI.

No garden should be without a bed of these, the most showy of all the dwarf-growing annuals. Sow in open ground during April and May. H. A.

Grandiflora.—Mixed.....Per oz. 75c. Pkt. 5c.

POPPIES.

Very attractive in large beds, clumps and mixed borders. The seed should be sown where it is to remain, as they do not bear transplanting. 2 feet. H. A.

Cardinal.—Brilliant Scarlet, very showy with fine shaped large flowers.Pkt. 10c.

Peacock.—Large brilliant scarlet and crimson flowers, with a black zone near the center, making a strong and beautiful contrast. Flowers almost 4 inches in diameter. Pkt.10c.

Shirley.—Many of the flowers are veined, streaked and flaked from the center towards the edges, while others are red, edged with white. Mixed colors. Pkt. 5c.

Single Mixed.Pkt. 3c.

Double Mixed......Pkt. 6c.



Oxalis.



...NASTURTIIUM...

These are without doubt the most admired of any of our summer flowering plants, and succeed well in any good garden soil, even under the most ordinary condition of culture. Light or gravelly soils produce the best results, for in rich soils they show a tendency to run to leaf. Nothing can equal the tall varieties as cover for fences, verandas or unsightly outhouses. They flower profusely, giving an immense blaze of color, which greatly tends to heighten the appearance of the garden. H. A.

SPECIAL NASTURTIIUM COLLECTIONS.

- No. 1 Collection of 6 Dwarf and 6 Tall Varieties 1 Pkt. each, 12 Pkt. in all for only 25c
- No. 2 Collection of 6 Dwarf and 6 Tall Varieties 1 oz. each, 12 oz. in all for only \$1.00

DWARF OR TOM THUMB VARIETIES. (Tropaeolum Minor.)

- Aurora.**—Deep chrome yellow, lower petals blotched and veined carmine. Pkt. 3c
- Beauty.**—Yellow, striped red. Pkt. 3c
- Chameleon.**—Splashed crimson bronze and yellow. Pkt. 3c
- Coccineum.**—A beautiful scarlet. Pkt. 3c
- Empress of India.**—Dark tinged leaves and crimson flowers. Pkt. 3c
- King Theodore.**—Bluish green foliage, velvety crimson. Pkt. 3c
- Pearl.**—Creamy white. Pkt. 3c
- Prince Henry.**—New and novel. Flowers brilliant golden yellow, spotted scarlet, tipped with wine red. Pkt. 3c
- Collection of 6 Varieties.**—1 Pkt. each. 15c
- Collection of 6 Varieties.**—1 oz. each. 55c
- Wernich's Dwarf Mixed.**—Height 15 inches. Many fine kinds. Lb. \$1.40, ¼ lb. 40c, oz. 15c. Pkt. 3c

TALL OR CLIMBING VARIETIES.—(Tropaeolum Major.)

- Crimson** Per oz. 20c, Pkt. 3c
- Edward Otto.**—Brownish lilac. Per oz. 20c, Pkt. 3c
- Hemisphaericum.**—Rich lemon yellow, with throat blotches of deep crimson. Per oz. 25c, Pkt. 3c
- King Theodore.**—Flowers almost black, foliage bluish-green. Per oz. 25c, Pkt. 3c
- Luteum.**—Yellow Pkt. 3c
- Orange** Per oz. 20c, Pkt. 3c

- Pearl.**—White Per oz. 20c, Pkt. 3c
- Schuermani.**—Striped yellow and crimson. Pkt. 3c
- Von Moltke.**—Beautiful rose Per oz. 20c, Pkt. 3c
- Collection of 6 Varieties.**—..... 1 Pkt. each, 15c
- Collection of 6 Varieties.**—..... 1 oz. each, 55c
- Wernich's Tall Mixed.**—A choice mixture of the best varieties. Lb. \$1.40, ¼ lb. 40c, oz. 15c, Pkt. 3c

PORTULACA.

Popular hardy annuals, producing flowers of almost every hue in the greatest profusion, succeed best in warm, sunny places, and will hardly ever suffer for the want of moisture. When other plants are dying for the water, this little beauty will continue blooming freely. T. A.

- Single Mixed.** Pkt. 5c
- Double Mixed** Pkt. 10c

ROSES.

Polyantha Multiflora (Little Midgets).—Pretty little dwarf Roses, which commence blooming in about six weeks after the seed is sown. The flowers are semi-double, of various tints, and produced in large clusters freely until the frost comes. Although blooming freely the first season, they do not attain their best until the second year, when they are a perfect mass of bloom. H. P. Pkt. 15c

HOUSE PLANTS AND HOW TO SUCCEED WITH THEM.

BY

LIZZIE PAGE HILLHOUSE.

Describing the treatment of those plants only which can be grown successfully in the living rooms. 220 pages, 12 mo., illustrated, cloth, \$1.10; Postpaid.

PRIMROSES.

Chinese Primroses are lovely and useful little plants for pot culture, that bloom most freely during winter and spring. The delicate colored flowers measure 1½ to 2 inches and are borne in large clusters. Sow in February or March in very fine, light soil. Pot into small pots, shift two or three times during the summer, and keep in a cool, moist, shady place, and success is sure. T. P. **Extra Fine Mixed** Pkt. 15c

PYRETHRUM.

Old favorite herbaceous plants, very much in use for borders. The Golden Feather is a valuable yellow leaved variety much used for carpet beds and for ribbon borders. H. P. **Parthenifolium Aureum** (Golden Feather).—Bright golden foliage Pkt. 10c **Roseum** (Persian insect powder plant).—Rose colored Pkt. 10c

Lovely, Exquisite PANSIES.

Our strains of Pansy Seed come from one of the largest and most noted Pansy Growers in Germany, who saves the Seed for us from such varieties that have received the highest awards at Floral Exhibitions.

PRIZE PANIES IN SEPARATE COLORS.

The best Pansy for bedding. Almost an endless variety of all shades and colors.

- Emperor William.—Blue with Purple Eye.....Pkt. 5c
- Faust.—Very dark.....Pkt. 5c
- Golden Gem.—Yellow.....Pkt. 5c
- Snowflake.—Pure White.....Pkt. 5c
- Victoria.—Red.....Pkt. 5c

Any three for 10c.

All five for 15c.

Wernich's Prize Mixture.—All of the above and many others in mixtures10c

Wernich's Fine Mixed.—Of all shades and colors. They are all of sturdy and even growth. The seed is good, but of course not to be compared with either our Prize, Giant or Parisian Mixture. ¼ oz. 50c, Pkt. 3c



Pansies.

GIANT TRIMARDEAU PANSIES.

The blossoms are simply enormous, perfect in form and run through all the varieties of colors. **Giant Azure Blue.**—Fine. Pkt. 10c
Giant Coal Black.—Deep, jet black.....Pkt. 10c
Giant Snowflake.—Pure white, of good form.....Pkt. 10c
Giant Striped.—Large showy flowers.....Pkt. 10c
Giant Yellow......Pkt. 10c

Any three for 25c.

All five for 40c.

Giant Pansy Mixture.—Only the very finest strains.....Pkt. 10c
Wernich's Parisian Pansy.—

Thousands of these Pansies are sold daily in the Paris markets. The flowers of this strain are as large as the Trimardeau and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flower stem, flowers last longer.....Pkt. 15c

Ricinus or Caster Oil Bean.

They are splendid for subtropical effects, either planted singly on the lawn or in the center of a Cannal or Caladium bed, 6 to 15 ft. H. H. A.

Borboriensis Arboreus.—Beautiful green leaves of immense size; 12 to 15 ft.....Pkt. 3c

Cambogiensis.—Leaves large and palm-shaped and of a bronzed color, with red veins. Stems of leaves are of a reddish brown, while the main stem of the plant is black.....Pkt. 5c

Zanzibarensis.—An entirely new and distinct class of Castor Oil Beans from Africa, having short, stocky stems and enormous leaves, often two to two and one-half feet across. Foliage of different colors dark predominating. Mixed.....Pkt. 5c

Gibsoni.—Dark purplish red foliage and stems; highly ornamental; 6 ft.....Pkt. 3c

Castor Beans, Mixed.—Above and many others in mixture. Oz. 10c.....Pkt. 3c

SALVIA.

Handsome plants, excellent for beds or borders, with long spikes of flowers, which continue in bloom until late in the fall. Sow seeds in April. H. H. P.

Splendens. (Scarlet sage).—Vivid scarlet; 3 ft.....Pkt. 5c

Patens.—Flowers of a delightful blue.....Pkt. 10c

Coccinea Laetea.—Pure white.....Pkt. 10c

SCABIOSA.

(Mourning Bride or Sweet Scabious.)

Very desirable plants, producing very pretty flowers of many colors in great profusion. Good for cutting for vases, etc. H. A.

Dwarf Double.—Flowers are very globular.....Pkt. 3c

Tall Mixed.—Large and beautiful flowers, being double clear through to the center of the flower. Excellent for cutting.....Pkt. 5c

SILENE.

Pendula Compacta (Catch-Fly).—Beautiful free-flowering plants, very attractive for rock work, etc. H. A.

Mixed. All colors.....Pkt. 5c



SPECIAL MIXTURES.

Much pleasure is derived from watching the growth of a mixed bed of flowers. The mixtures are made from choice fresh seeds, and cannot fail to give satisfaction. The packages are liberal in size, and in no other way can so many seeds be obtained for so little money.

Flowers for Bouquets.—This mixture contains seeds producing flowers suitable for cutting for vases or bouquets, nearly all having long stems, and will furnish a constant supply of cut flowers throughout the entire season.....Pkt. 10c

Mixture of Climbers.—A packet of seeds containing over 20 beautiful annual climbers, useful for covering outhouses, trellises, etc.....Pkt. 10c

Mixture of Ornamental Grasses.—Extensively used in making winter bouquets and in other house decorations. Should be cut while fresh and green, and hung in a dry and airy place in the shade. All best varieties mixed, including Pampas, Feather, etc.....Pkt. 10c

Wild Flower Garden.—Each packet contains flowers of easy growth. The mixture will be found to be both interesting and useful. Interesting because new flowers open daily, "and you know not what a day may bring forth." It will be found very useful, for here you may get your bouquets without fees or favor, whenever you choose, and thereby save those in body or borders. Large pkt. 10c, oz. 25c, ½ lb. 75c.....lb. \$2.50

Mixed Everlastings.—A great variety of attractive Everlastings.....Pkt. 10c
 Any three mixture packets for 25 cents. All five mixture packets for 40 cents.

SMILAX.

Myrsiphyllum Asparagooides.—There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage. It can be used either to climb or to droop, as required. G. P. C.....Pkt. 10c

STOCK TEN WEEKS.

(GILLYFLOWER.)

Seeds of the Stock may be sown in the open ground or in the hot-bed, but if to be transplanted let it be done when the plants are quite small. A little shade from the hottest sun, and water in the evening, will add much to the size, beauty and durability of the flowers. H. H. A.

Crimson......Pkt. 10c

Carmine......Pkt. 10c

Canary......Pkt. 10c

Pure White......Pkt. 10c

Rose......Pkt. 10c

Any 3 (separate colors) 1 Pkt. each for 25c.

All 5 (separate colors) 1 Pkt. each for 40c.

Mixed......Pkt. 10c

White Perpetual, or "Cut and Come Again."—This variety is almost a perpetual bloomer, about 18 inches high; branches freely. Flowers are of the purest white, very large, and carried on stems three inches long.....Pkt. 7c

Giant Perfection Stock.—Mixed.—This sort produces plants 2½ feet high with long flower spikes, handsome double flowers.....Pkt. 10c

Dwarf German, Sweet Weeks......Pkt. 5c

SWEET WILLIAM.

(Dianthus Barbatus.)

A very beautiful class of plants of extreme richness and diversity of color. They have been greatly improved of late years; 1½ feet. H. B.

Fine Mixed Single.—All colors; oz. 40c.....Pkt. 5c

Double Flowering.—Splendid, mixed.....Pkt. 5c

Wernich's Sweet Peas.

The following varieties are a selection of the best of Eckford's and American novelties. They are the result of crossing and re-crossing of the finest new Sweet Peas, with special reference to size and shape of flowers, freedom of bloom, length and rigidity of stem and number of flowers to the stem. H. A.

- Adonis.**—Rose and carmine; small flowers.
- Blanche Bepce.**—Eckford's largest pure white.
- Blanche Ferry.**—The popular pink and white.
- Blushing Beauty.**—Very fine, delicate pink; hooded form.
- Borcatton.**—Very dark maroon; self-colored.
- Butterfly.**—White, laced with lavender; notched standard.
- Celestial.**—Delicate azure-blue; a German novelty.
- Coquette.**—Primrose-yellow, shaded with pale lavender.
- Countess of Radnor.**—Pale mauve or lavender.
- Crown Princess of Prussia.**—Flesh-colored and salmon-buff.
- Emily Eckford.**—Reddish-mauve, fading to light blue, superb flower.
- Firefly.**—Intense glowing scarlet, wings fiery scarlet.
- Indigo King.**—Maroon, nearly indigo.
- Invincible scarlet.**—Bright scarlet.
- Lottie Eckford.**—White, suffused with lavender-blue.
- Lovely.**—Soft shell pink. Truly most "lovely."
- Maid of Honor.**—White, edged violet.
- Mrs. Gladstone.**—A lovely soft pink.
- Princess Beatrice.**—A popular rosy-pink.
- White.**—The old pure white; notched at top of standard.
- Price of any of the above.....Pkt. 3c, oz. 10c
- Fine Mixed.**—All colors mixed.....Pkt. 3c oz. 10c, ¼ lb. 25c, lb. 75c
- Wernich's Bouquet Mixture.**—A popular mixture that has won for us the unstinted praise of our customers. Mixed with care and consideration to produce tone and effect.....Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.00



Bouquet Collection.

Containing one packet each of the above superb flowers....50 cts.
The twenty kinds named above, each put up in a separate ounce bag, making twenty ounces Sweet Peas.....\$1 25
Considering the quality, this is a good bargain.

DWARF SWEET PEAS.

Unique dwarf varieties, never growing more than six inches in height and spreading to a diameter of fifteen inches. They are well adapted for pot culture, beds or the edges of borders. The flowers are produced very freely and are almost as large as the climbing varieties.

- Pink Cupid.**—Standards bright pink, with white or blush-colored wings.....Pkt. 5c, oz. 15c
- White Cupid.**—Flowers pure white.....Pkt. 5c, oz. 15c

VERBENA.

Nothing excels the Verbena for showy flower beds. Sown early, they bloom the same year, their large self-colored striped and variegated flowers covering the entire plant. 1 foot, H. H. P.

- Fine, Mixed.**.....Pkt 5c
- Hybrida.**—Choicest mixed. Saved from the most beautiful named flowers.....Pkt. 10c
- New Fordhook Mammoth Verbena.** They are of very large size, being frequently larger than a silver quarter, in fact, many are scarcely covered by a silver half-dollar.Pkt. 10c, 3 for 25c

VIOLET.

(Viola Odorata.)
The Violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. They are well adapted for border or rock work. Succeeds best in a shady, sheltered place, and can be easily increased by dividing the roots. H. P.

- Blue Sweet Violet** Pkt. 10c
- Single White.**—Very fragrant. Pkt. 10c

WILD CUCUMBER.



(Echinocystis Lobata.)
tree, or an unsightly building. H. A. C.
½ oz. 15c, Pkt.....5c

WALL FLOWER.

Well known deliciously fragrant garden plant, blooming early in the spring, with large, conspicuous spikes of beautiful flowers; they should be protected in a cold frame in winter, and planted out in May. H. H. P.

- Single Large Flowering Mixed.**—All colorsPkt. 5c
- Finest Double Large Flowering Mixed.**—All colorsPkt. 10c

ZEA MAIZE.

(Striped Japanese Corn.)
An ornamental foliage plant of much beauty. It is a species of corn, the leaves being beautifully striped with white and green. H. H. A.

- Zea Japonica.** (Fol. Variegata.)—Striped foliage, 6 ft.Pkt. 5c

ZINIAS.

One of the most brilliant annuals; a general favorite, its splendid double flowers rivaling in beauty, size and form, moderate sized Dahlias. H. A.

- Dwarf Mixed.**.....Pkt. 5c
- Tall Double Mixed**Pkt. 10c

SUMMER FLOWERING BULBS AND ROOTS

THE SUMMER FLOWERING BULBS AND ROOTS for spring planting are inexpensive, very easily grown, require scarcely any care, and produce some of the most showy and beautiful of all the summer and autumn flowers.

All bulbs and roots will be sent by mail or express, charges prepaid, when ordered at single or dozen rates. At the 100 rate they will be sent by express or freight, the purchaser paying the charges. Six of any one variety supplied at dozen rates, and 25 at the 100 rate. Orders with money should be sent us as early as possible, and they will be filled in rotation, weather permitting.

Single bulbs and dozen lots mailed free.
In lots of 100 by express at purchaser's expense.

Hardy Lilies.

Plant in a well-drained, good garden soil, covering the bulbs to a depth of 4 inches. At the time of planting cover on all sides of the bulbs good clean sand, after which fill up with ordinary soil.

- Auratum—Golden Banded Japan Lily.**—Each. Doz. Large bulbs \$0.15 \$1.80
- Speciosum Album.**—White Japan Lily..... .25 2.25
- Speciosum Roseum.**—Rose spotted Japan Lily20, 1.70
- Speciosum Rubrum.**—White and red spotted Japan Lily20 1.70

The above four **Gladioli** free by mail for 65c.

GLADIOLI.

Plant in May and June in any good garden soil, 6 inches apart and 4 inches deep.

	Each.	Per doz.	Per 100.
Pink Shades	\$0.05	\$0.40	\$2.50
Striped and Variegated.....	.05	.60	3.50
Scarlet and Red Shades.....	.05	.35	1.80
Yellow Shades.....	.05	.60	3.50
White and Light Shades.....	.05	.60	3.25
All Colors Mixed.....	.30	.30	1.75

Special offer of the above 5 Shades, 1 Dozen each, all separate, by Mail, for \$2.00

HYACINTHUS CANDICANS.

It can be used with excellent effect in the center of a bed of scarlet Gladiolus, as it comes into bloom about the same time. Each 10c, 3 for 25c, per doz. 90c, postpaid.

CALADIUM ESCULENTUM.

"Elephant Ears." This splendid foliage plant adds greatly to the beauty of the lawn or garden by its immense tropical-like foliage. Plants attain a height of from 4 to 6 feet.

Large bulbs by mail 35c, doz. \$3.85, second size bulbs by mail 20c, doz. \$2.25.

DAHLIAS.

They delight in a deep, rich soil and thorough cultivation, and should be planted three and one-half to four feet apart.

- Glori de Lyon.**—Pure white, almost as round as a ball.
- Gen. Bidwell.**—Pure lemon yellow, of superb form.
- Lydia Dieter.**—A beautiful soft lavender shade.
- Mrs. Gladstone.**—Pale, soft pink, a very pleasant shade.
- Orine Emerson.**—A very handsome flower, color rich dazzling red.
- Pioneer.**—The nearest approach to a Black Dahlia of any yet introduced.

20c each, 6 for \$1.00, \$1.75 per doz., postpaid.

TUBEROSES.

Plant in the open ground during May. By starting in pots during March a succession of bloom can be had all summer.

Excelsior Pearl Bulbs.—First quality, each 5c, per doz. 40c, per 100 \$2.50.

PAEONIES.

Still the grand old favorite they were fifty years ago. For brilliant display of bloom during May and June there is nothing that will equal the Paeonia. Pink, white, red. Each 50c.....Doz. \$4.00, prepaid.

CINNAMON VINE ROOTS.

The vines often run 25 feet or more, and when trained over and about a door or window make an ornament much admired. One large root or tuber 10c, 3 for 25c, 12 for 50c, postpaid.

MADEIRA VINE ROOTS.

The Madeira Vine is a popular and favorite tuberous-rooted climber of rapid growth, with dense and beautiful foliage, twining to a great height. Strong tubers, each 6c, 3 for 15c, per dozen 50c, postpaid.

BULBS.

HYACINTHS.

Single or Double.

- Light Red. | Pure White. | Light Blue.
- Dark Red. | Blush White. | Dark Blue.
- Yellow.

5c each, 60c per doz., postpaid.

CROCUS.

- White. Yellow. Blue. Striped.
- 3 for 5c, 12c per doz., 65c per 100,

JONQUILS.

- Single.—Very fragrant, 5c each, 35c per doz., postpaid.
- Double.—For forcing, 6c each, 60c per doz., postpaid.

EASTER LILY.

Small bulbs, 15c each, large bulbs 35c each, postpaid.



China Sacred Lily.

CHINA SACRED LILY.

"You can almost see them grow," succeeding almost everywhere and with everybody. They do well in pots of earth but are more novel and beautiful if grown in shallow bowls of water, with enough o. fancy pebbles to prevent them from toppling over when in bloom. A dozen bulbs started at intervals will give a succession of flowers throughout the winter. 12c each, 3 for 35c, postpaid.

POLYANTHUS.

A variety or Narcissus suitable for potting.

	Each.	Doz.
Gloriosa. —Pure white, with yellow cup.....	\$0.05	\$0.60
Soleil D'Or. —Yellow.....	.05	.60
Paper White. —Large Flowers.....	.05	.60

SINGLE TULIPS.

	Each.	Doz.
Artus, Pure Scarlet.....	\$0.03	\$0.30
Belle Alliance, Bright Scarlet.....	.03	.30
Brutus, Orange and Crimson.....	.03	.30
Chryselora, Large Yellow.....	.04	.40
Couleur Ponceau, Crim'n and White.....	.03	.35
Cottage Maid, Rose and White.....	.04	.40
Jagt van Delft, White.....	.03	.30
Kaiser Kroon, Red and Yellow.....	.04	.40
La Reine, White, Rose shaded.....	.03	.30
Yellow Prince, Golden Yellow.....	.04	.40

DOUBLE TULIPS.

	Each.	Doz.
Alba Maxima, Pure White.....	\$0.04	\$0.40
Couronne de Roses, Beautiful Rose.....	.06	.70
Duc van Tholl, Red and Yellow.....	.03	.30
Duke of York, Red and White.....	.03	.30
Gloria Solus, Brown and Yellow.....	.03	.30
La Candeur, Pure White.....	.03	.30
Rex Rubrorum, Scarlet.....	.04	.40
Rosinee, Light Rose.....	.04	.40
Tournesoll, Red and Yellow.....	.04	.40
Queen Victoria, Purple, Red, White.....	.03	.35

All 10, one of each, for only 30c, postpaid.

All 10, one dozen of each, for only \$3.00 postpaid.

All 10, one bulb of each, for only 30c, postpaid.

All 10, one dozen of each, for only \$3.25, postpaid.

ROSES.

Roses by Mail.—Unpack immediately. Do not expose roots, but place at once in a shallow dish of tepid water. Toward evening carefully plant in good, mellow soil, *thoroughly firming* the moist earth around the roots. Shade from the midday sun just after planting.

Roses by Express.—Are usually packed with all or part of the earth adhering to each plant; they *invariably arrive in good order*. If the balls of earth are dry, hold carefully in a pail of water for a moment, then plant, firming the soil thoroughly around the balls. Shade is not necessary.

EVERBLOOMING BEDDING ROSES.

Teas and Hybrid Teas.

Varieties marked * are hardy or nearly so.

Shades of White.

- *Madame Hoste.
- Marle Guillot.
- Kaiserln Aug. Victoria.

Shades of Yellow.

- *Etoile de Lyon.
- *Mosella.
- Pearl des Jardins.

15 cts. each; 3 for 40 cts.; 6 for 60 cts.; \$1.00 per dozen.

Shades of Pink.

- *Champion of the World.
- *Clotilde Soupert.
- *Hermosa.

Shades of Red.

- *Agrippina.
- Meteor.
- Papa Gontler.

LA FRANCE SET.

The delightful La France fragrance, by which every one of the four splendid roses may be known, is appreciated by everyone who grows or wears a rose.

Pink. (Augustine Guinnoisseau.) | Striped. (Madame Vlysett.)
 White. (Augustine Guinnoisseau.) | Red. (Duchess of Albany.)

Each, 15 cts., or La France Set of 4 for 50 cts.



TRAILING ROSE.

ROSA WICHURIANA, called HARDY MEMORIAL ROSE.

This hardy and lasting Rose creeps over the ground like Ivy. The leaves are glossy, dark green. The flowers, which are borne very profusely during July, are large, pure white, single, with yellow center and have a strong Wild Rose fragrance. It is one of the best plants for rock work, embankments, slopes, coveries, as well as for garden cultivation. Shows a growth of ten to twelve feet in a season, spreading as it goes.



Each 25 cts.; 3 for 50 cts.; 12 for \$1.50, Postpaid.

PERPETUAL ROSES.

(Hardy 2 year old stock.)

Rose.

- Anne de Diesbach.
- John Hopper.

Red.

- Fisher Holmes.
- Magna Charta.

White.

- Coquette des Alps.
- Mme. Plantier.

Crimson.

- Gen. Jacqueminot.
- Gen. Washington.

Each 50 cts.; 3 for \$1.25; 12 for \$4.25, Prepaid.

CLIMBING ROSES.

(Hardy Plants.)

- Crimson Rambler.
- Pink Rambler.

- White Rambler.
- Yellow Rambler.

Each 25 cts.; 3 for 50 cts.; 12 for \$1.50, Postpaid.

MOSS ROSES.

(Extra Field-grown Plants.)

- Crimson Globe—"Red." | Princess Adelaide—"Pink."
- Blanche Moreau—"White."

Each 50 cts.; 3 for \$1.00; 12 for \$4.25, Prepaid.

ROSES

Sold by us will bloom.
 Are all sent from Nursery.
 Are all shipped free to destination.

12 NEWEST AND RAREST PLANTS \$1.00

POSTPAID.

One each of Asparagus Sprengeri, Snow White Clematis, Butterfly Lily, Double Geranium, Weeping Lantana, Water Palm, Hardy Verbena, Yellow Passion Flower, Yellow Morning Glory, Golden Jessamine, Butterfly Orchid and Night-Blooming Cactus.

15 NEW CANNAS ALL NAMED \$1.00

POSTPAID.

One each of Duke of Marlboro, Italia, Austria, Alsace, John White, Peachblow, F. Vaughan, Flamingo, Unique Rose, Pres. Carnot, Longford, Alphonse Bouvier, J. W. Elliot, Montefiore and Antoine Crozy, all distinct.

CACTUS COLLECTION IN JAPANESE JARS.

We furnish 10 Cacti, 10 Jars, Soil and Labels all carefully packed in light box (weight about 15 lbs.) for the small sum of \$3.25, purchaser paying express charges.

The 10 Cacti alone are worth the price, say nothing of these beautiful Japanese Porcelain Jars, the decorations of which are blue and white. The Jars alone would be cheap at \$3.00 in any Crockery store.



CACTUS COLLECTION IN JAPANESE JARS.

No Charge for Packing.

NURSERY STOCK.

No Charge for Packing.

Our Stock is not coarse and overgrown, but carefully selected and strictly first class in all respects.



FRUIT TREES.

Orders for less than 1 dozen Trees not accepted
APPLES.

Standard 5 to 7 feet.

35c each; \$4.00 per dozen; \$30.00 per 100.

Summer. Early Winter.

"Yellow Transparent." "Longfield."
 "Duchess of Oldenburg." "Pewaukee."

Autumn. Long-Keepers.

"Wealthy." "N. W. Greening."
 "Wolf River." "Talman's Sweet."

CRAB APPLES.

35c each; \$4.00 per dozen.

Early. Late.

"Whitney." "Hyslop."

CHERRIES.

Standard 4 to 6 feet.

75c each; \$4.00 for 6; \$7.50 per dozen.

Early. Late.

"Early Richmond." "Montmorency."

PLUMS.

Standard 5 to 7 feet.

75c each; \$4.00 for 6; \$7.50 per dozen.

Native Sorts. European Sorts.

"De Sota." "Lombard."
 "Hawkeye." "Moore's Arctic."

PEARS.

Standard 6 to 7 feet.

75c each; \$4.00 for 6; \$7.50 per dozen.

Early. Late.

"Wildier." "Flemish Beauty."

PURCHASERS, TAKE NOTICE,

THAT we will under no circumstances ship Nursery before weather permits, unless purchaser assumes responsibility.

ALL Trees, Plants and Shrubs ARE SHIPPED DIRECT from the NURSERY at the proper time and CANNOT be shipped with Seeds or other merchandise.

ORDERS for LESS than ONE DOZEN TREES will NOT be accepted, purchaser, however, has option to select different trees, only the order must be for a total of 12 (1 dozen) Trees. Our prices for the kind of Trees we sell are so low that it does not pay us to ship less than One Dozen Trees to any one station.

SPRAYING FOR PROFIT

A NEW BOOK, BY HOWARD EVARTS WEED, Entomologist. The most practical illustrated work on the subject. Every Farmer, Gardener, Florist and Fruit Grower should have it. Price 20 cts., in coin or stamps.

TREES.

Orders for less than 1 dozen Trees to one person not accepted. It costs US as much to pack one Tree as it does a dozen. It costs YOU as much Express for one Tree as it does a dozen.

ORNAMENTAL TREES.

Orders for less than 1 dozen Trees not accepted

We divide the Ornamental Trees into two classes, class A and B. Class A are suitable for street planting, Class B are suitable for lawns. Those marked A and B can be used for either.

Class A.		Class B.	
8 to 9 feet.	Each. Doz.	8 to 9 feet.	Each. Doz.
American Elm....	\$0 75 \$ 7 50	Catalpa	\$0 75 \$ 7 50
Horse Chestnut, A and B	1 50 11 50	Weirs Cutleaved Maple	1 00 10 00
Norway Maple	1 00 10 00	Purple-leaved Maple, 6 to 8 ft.	1 50 11 50
Silver Maple	35 3 50	Oak-leaved Mt. Ash	75 7 50
Ash Leaved Maple (Box Elder)	50 5 00	European Birch, 6 to 8 ft.	50 5 00
Linden (Bassw'd), A and B	75 7 50	Wis. Weeping Wil.	75 7 50
European Larch, 3 to 5 ft. high, each 50c, doz.	\$3.50, 100 \$25.00		

EVERGREENS.

Anstian Pine ... 18 to 24 in. high, each 35c, doz. \$3.50, 100 \$30.00
 White Spruce... 2 to 3 ft. high, each 50c, doz. 5.00, 100 40.00

HEDGE PLANTS.

Hawthorn 2 to 4 ft. high, 100 \$ 3 00, 1,000, \$25.00
 Berberry, common 2 to 3 ft. high, 100 20.00.
 Berberry, purple-leaved .2 to 3 ft. high, 100 18.00.

ORNAMENTAL SHRUBS.

All 2 to 3 feet high.

Upright, clean, bright stock, strictly first-class
 Berberry, purple-leaved. Lilac 3 to 4 feet
 Berberry, common. Snowball.
 Cornus Sanguinea. Spirea Van Houtei.
 Golden Elder. Weigelia Rosea.

Any of these, 50c each, \$5.00 per doz.

CLIMBING SHRUBS AND VINES.

The following are all strong, healthy plants, and not such as will die as soon as planted.

Ampelopsis Virginia (American Ivy)	each, \$0 50
Honeysuckle, Japan	each, 50
Wistaria, purple	each, 50
Clematis, Jackmanii, purple	Strong Roots. each, 1 00
Clematis, Henryii, white	each, 1 00
Clematis, Ramona, blue	each, 1 00
Clematis, Madam Andre, red	Three Year Old. each, 1 00

AN 4 FOR \$3.50

REMEMBER

Orders for less than one dozen Trees not accepted. Trees, Shrubs and Plants are shipped direct from the nursery. We will not ship before weather permits unless otherwise specified.



Purchasers should order at least a half-dozen Plants, for "One plant is as good as none."

The Following Plants are all Shipped Direct from the Nursery to Destination.

GRAPE VINES.

Extra Strong Two-year Vines.

Red.

Brighton.
Delaware.

White.

Niagara.

25c each; \$2.50 per doz.; \$12.00 per 100.

If by Mail add 5 cts. each and 40 cts. per doz.

Black.

Moore's Early.
Worden.

Concord (15c each; \$1.50 per doz.; \$8.00 per 100.)

CURRENTS.

Strong Two and Three-year Old Plants.

Red.

Red Dutch.
Holland.
Fay's Prolific.
Prince Albert.

15 cts. each; \$1.50 per doz.; \$8.00 per 100.
If by Mail add 5 cts. each and 40 cts. per doz.

White.

White Grape.

Black.

Lee's Prolific.

GOOSEBERRIES.

Extra Strong Plants.

Green.

Downing.

20 cts. each; \$2.00 per doz.; \$10.00 per 100.

If by Mail add 5 cts. each and 40 cts. per doz.

Pale Red.

Houghton.

STRAWBERRIES.

Orders for Strawberries must be for 100 plants, or we shall refuse to ship, as our experience has been that in every case where a few dozen were planted, the results were not satisfactory, for the following reasons:
First: "Crop not large enough to pay for trouble."
Second: "Strawberries in order to thrive and yield well should be planted in beds of at least 100 plants."

Those marked "Per." are perfect in blossom and can be planted alone or are suitable to plant with the Pestilate to make them bear.

Those marked "Imp." have imperfect blossoms and must have some of the perfect blossom varieties planted with them, viz: one row of the Perfect to two rows of the Imperfect.

"Perfect."

Beder Wood, early.
Lovett, early.
Jessie, med. early.
Splendid, med. early.

\$1.00 per 100. \$6.00 per 1,000.

If by Mail add 35 cts. for every 100.

"Imperfect."

Crescent, early.
Haverland, early.
Warfield, early.
Bubach, med. early.

BLACKBERRIES.

Early.

Lucretia Dewberry.
Stone's Hardy.

60 cts. per 6; \$1.00 per doz.; \$3.00 per 100.

If by Mail add 5 cts. per 6 and 10 cts. per doz.

Late.

Ancient Briton.
Snyder.

RASPBERRIES.

Transplanted Plants.

Red.

Loudon.

60 cts. per 6; \$1.00 per doz.; \$5.00 per 100.

If by Mail add 5 cts. per 6 and 10 cts. per doz.

Dark Red.

Columbian.

ROOTS.

ASPARAGUS.

Not less than 25 Plants sold.

Conovers Colossal.—Three year old plants. 25 plants 65c, 50 plants \$1.10, 100 plants \$2.00, postpaid.

CHIVES.

Large clumps 25c each, 5 clumps for \$1.00, postpaid.

HORSERADISH.

Sets of 10 for 35c, 25 for 75c, 100 for \$2.50, postpaid.

RHUBARB.

Victoria.—Very large, 25c each, \$2.25 per dozen, pre-paid.

REMEMBER

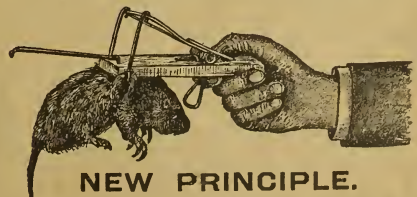
That all small fruit plants are shipped direct from Nursery.
That Raspberries and Blackberries are not sold less than six.
That Strawberries are positively not sold in less than 100 lots.

MOUSE AND RAT TRAPS.



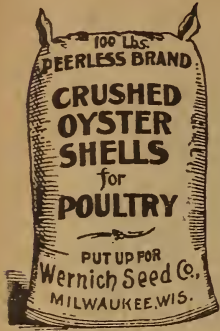
Mice in the Pantry. THE "OUT O'SIGHT" TRAP is sure to catch 'em. No bait required. Will catch two mice to one of any other trap made in a given length of time. Mouse trap sent postpaid 10c. Rat trap sent postpaid 25c. Full instructions with each trap.

GOPHER TRAP.



NEW PRINCIPLE.

When properly set will catch 19 out of 20. The best trap for Pocket Gophers. No danger and easy to set. Sure catch! Sample trap sent postpaid for 25c. Full directions with each trap.



Poultry Food.

If by Mail, add 15c Per Lb. for Postage.

There are two principal things to keep in mind in poultry raising—the man and the feed.

A celebrated artist, when asked with what he mixed his paints, replied "With Brains." Precisely so does a progressive Poultry Keeper mix his rations.

Money in Eggs and Broilers by using Our Poultry Foods.



Beef Meal. Made from meat, bone, blood and the liquor from cooking. It is a nitrogenous food and a great egg producer. 100 pound bag \$2.10, 50 pound bag \$1.10, 25 pound bag 60c, 10 pound bag 25c, 5 pound bag 15c.

Bone, Granulated. A wrong impression exists regarding Bone. Fresh Bone contains 53 per cent moisture and 12 per cent grease, so that when you buy fresh bone you pay for 65 lbs. of useless material in every 100 lbs. you buy. 100 lb. bag \$2.35, 50 lb. bag \$1.25, 25 lb. bag 70c, 10 lb. bag 40c, 5 lb. bag 25c.

Bone Meal, Fine Ground Raw. This is made from the same stock as the granulated bone, but has gone through a finer sieve, ground very fine and is used to mix in mash food. 100 lb. bag \$2.35, 50 lb. bag \$1.25, 25 lb. bag 70c, 10 lb. bag 40c, 5 lb. bag 25c.

Crushed Oyster Shells. The most frequent cause of hens "not laying" is the absence in the food of Carbonate of Lime. Crushed Oyster Shells supply this most essential element, and greatly aid in the formation of the egg. 100 lbs. 75c, 50 lbs. 45c, 25 lbs. 25c, 10 lbs. 15c, 5 lbs. 10c.

Ground Beef Scraps. We make the Beef Scraps ourselves, and grind them, thus insuring a clean, sweet article. 100 lb. bag \$2.20, 50 lb. bag \$1.15, 25 lb. bag 65c, 10 lb. bag 30c, 5 lbs. 20c.

Broiler Teeth. It is composed of one-third bone, one-third oyster shells and one-third grit. 100 lbs. \$1.40, 50 lbs. 75c, 25 lbs. 40c, 10 lbs. 20c, 5 lbs. 15c.

Concentrated Meal. This is our Beef Meal with a small amount of charcoal, fenugreek seed and ginger added. A perfect food, serving to keep the fowls healthy. It is also a nitrogenous food and a great egg producer. 100 lb. bag \$2.20, 50 lb. bag \$1.15, 25 lb. bag 65c, 10 lb. bag 30c, 5 lbs. 20c.

Mica Crystal Grit contributes largely to the health and productive power of the fowl. Our price for 100 lbs. \$1.00, 50 lb. bag 55c, 25 lb. bag 30c, 10 lb. bag 15c, 5 lb. bag 10c.

Various Grain Seeds, etc., for Poultry and Birds.

Wernich's Re-cleaned, Mixed Bird Seed. A superior blend of seed, much relished by canaries and other song birds; Per lb. 10c, 100 lbs. \$6.00.

	Per lb. 100 lbs.	Per lb. 100 lbs.	
Canary.....	\$0.06 \$4.25	Sunflower.....	\$0.08 \$6.00
Hemp, Imp'd ..	.10 6.25	Peas for Pigeons ..	.03 2.50
Rape.....	.06 4.00	Vetches for Pigeons ..	.10 4.25
Millet.....	.10 3.50	Kaffir Corn.....	.05 2.75
Flax.....	.05 3.00	Lettuce Seed, 25c.	

If by mail, add 10 cts. per lb.
Bird Gravel, "Silverwashed," 8c per package.
Cuttlefish Bone, 3 for 5 cts., 12 for 15 cts.

FERTILIZERS, for Plants, Vegetables, the Farm and Lawn.

Darling's Celebrated Flower Grower.

This is an article which we put up especially for house plants. Small pkt. 15c large pkt. 25c; by mail, postpaid, small, 20c, large 35c.

Walker's Excelsior Plant Food.

An odorless and perfectly soluble food for house plants. A lb. box sufficient for 25 ordinary-sized plants for one year. Lb. 25c, by mail 40c, ¼ lb. pkt. 15c, by mail 25c.

"Brownie Brand" Bone Meal.

For rose culture. It is the pure bone meal, refined. Per lb. box 25c, by mail 40c.

Darling's Odorless Lawn Dressing.

A chemical dressing which does away with unsightly barn-yard manure around your residence all winter, which is objectionable not only on account of looks and smell, but introduces seeds of obnoxious weeds. Per 10 lbs. 50c, 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.00, 500 lbs. \$12.50.

THE SOIL.

By F. H. King,
Professor of Agricultural Physics,
University of Wisconsin.

Its natural relations and fundamental principles of management.

Cloth, 85 cts.

Postpaid.

Vegetable Grower Brand.

Guaranteed analysis: Ammonia, 4 to 5 per cent.; available phosphoric acid, 7 to 9 per cent.; insoluble phosphoric acid, 1 to 2 per cent.; actual potash, 7 to 9 per cent. Per 5 lbs. 25c, 10 lbs. 45c, 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.00.

Pure Ground Bone.

Guaranteed analysis: Ammonia, 3 to 4 per cent.; bone phosphate, 50 to 60 per cent.; equal to phosphoric acid, 24 to 26 per cent. 1 lb. 5c, 10 lbs. 40c, 25 lbs. 70c, 100 lbs. \$2.35, 500 lbs. \$10.50.

Land Plaster. Bbl. (225-235 lbs.) \$2.50. (Do not sell less than one bbl.)

As there is now very strong competition in Fertilizers, we prefer to make a special price to parties wanting it in TON or CAR lots.

MISCELLANEOUS AND USEFUL ARTICLES FOR THE FARMER.

Stock Food, Woolfatine, Etc.

Azotine. A powder extensively used by poultrymen, for mixing with the food of poultry, also good if mixed with the feed for cattle, as a fattener. Lb. 5c, 10 lbs. 40c, 100 lbs. \$3.50, 1000 lbs. \$22.00.

Linsed Meal. A great flesh former, milk and butter producer, and a good economical cattle food. Lb. 5c, 5 lbs. 20c, 10 lbs. 35c, 25 lbs. 75c, 100 lbs. \$2.15, 1,000 lbs. \$14.50, 2,000 lbs. \$25.75.

Wernich's Condition Powder. A preventer of disease, an appetizer, and makes poultry, horses and cattle fat. Lb. 10c, 10 lbs. 75c, 50 lbs. \$2.75, 100 lbs. \$4.50. Add to every 10 lbs. Condition Powder 5 lbs. wood ashes and 5 lbs. salt before using.

Woolfatine. Derived from the wool of sheep, and in its purified state has proven itself a superior remedy in cases of cuts, sores or bruises of any kind, on horses or other animals. Large box 50c, 3 boxes \$1.25, postpaid. Small box 35c, 3 for \$1.00, postpaid.

Rust Proof. Only rust preventive made. All farmers are bothered more or less with their farm machinery rusting. In Rust Proof we have an article that we guarantee, if applied properly, to prevent rust. Send for descriptive circular. Box (¼ lb.) postpaid 35c.

Tree Wax. ¼ lb. 15c, ½ lb. 25c, 1 lb. 40c. Postpaid. **Bordeaux Mixture.** A good remedy for fungus diseases. Price, 1 qt. can (makes 50 gallons spray), 50c.

Insecticide.

Fir Tree Oil. A sure remedy for Mealy Bug, Red Spider and Scale. Dilute ½ pint to about 10 gallons of soft water. Per pint can, 85c.

Flour of Sulphur. For destruction of mildew on roses, etc. Lb. 10c, 5 lbs. 45c, 10 lbs. 60c, 25 lbs. \$1.25, 50 lbs. \$2.50, 100 lbs. \$4.75.

Hellebore Powder. Kills currant worms, rose slugs, etc. Prepaid, lb. 40c; not prepaid, lb. 25c, 5 lbs. \$1.10

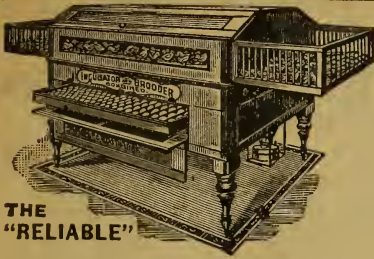
Insect Powder. (Dalmatian or Persian.) Destroys ants, fleas and all obnoxious insects. 2 oz. box 20c, postpaid; not prepaid, lb. 50c, 5 lbs. \$2.25, 10 lbs. \$4.00. (My mail 15c per lb. extra.)

Paris Green. Pure stock. Lb. 35c, 3 lbs. \$1.00. (By mail add 16c per lb. for postage.)

Slug Shot. Kills potato bugs, currant, gooseberry and cabbage worms, melon, squash and cucumber bugs. In 1 lb. carton, with perforated top, handy and always ready for use, prepaid, 25c; not prepaid, 15c; 5 lb. pkt. 30c, 10 lb. pkt. 50c, 100 lbs. \$4.50.

Tobacco Dust. Cheaper than snuff. A sure remedy for green fly. 1 lb. 10c (by mail 25c), 5 lbs. 40c, 10 lbs. 70c, 100 lbs. \$3.50.

Whale Oil Soap. Good wash for fruit trees. Dissolve 1 lb. in 5 gallons of water, apply with a syringe or force pump. Prepaid, lb. 30c; not prepaid, lb. 15c.



THE "RELIABLE"

Incubator, Brooder and Yards Combined.

INCUBATORS.

Size.	Without Brooder.		With Brooder and Yards Combined.	
	Hot Water. Price.	Hot Air. Price.	Hot Water. Price.	Hot Air. Price.
50 eggs	\$12.00	\$10.00	\$16.00	\$14.00
100 eggs	26.00	20.00	32.00	26.00
150 eggs	28.00	(None made.)	35.00	(None made.)
200 eggs	30.00	25.00	40.00	35.00
300 eggs	44.00	35.00	55.00	48.00
400 eggs	50.00	42.00	65.00	55.00

"Write for Incubator List." Free.

GALVANIZED POULTRY NETTING.

Put up in rolls of 150 lineal feet, made of No. 19 Galvanized Wire, 2 inch mesh. We do not cut the rolls.

12 inches wide, per 150 feet, \$0.90.	18 inches wide, per 150 feet, \$1.45.	24 inches wide, per 150 feet, \$1.85.	30 inches wide, per 150 feet, \$2.35.	36 inches wide, per 150 feet, \$2.75.
42 inches wide, per 150 feet, \$3.05.	48 inches wide, per 150 feet, \$3.35.	54 inches wide, per 150 feet, \$3.95.	60 inches wide, per 150 feet, \$4.45.	72 inches wide, per 150 feet, \$5.25.

MANN'S GREEN BONE CUTTERS.

A Few Reasons Why Mann's Bone Cutters are the Best:

They can be run by a boy or a woman easily.
They have the only correct automatic feed.
They leave both hands free to work with.
They have finely tempered steel knives.
The knives are adjustable to cut coarse or fine.



No. 1 B.

Weight, 55 lbs.

	Weight.	Price.
No. 1 C.....(With Crank Handle).....	30 lbs.	\$ 5.90
No. 1 B.....(With Balance Wheel).....	55 lbs.	7.90
No. 1 B. M. (With Balance Wheel, mounted on Iron Stand).....	80 lbs.	10.25
No. 4 B.....(With Balance Wheel).....	75 lbs.	12.00
No. 4 B. M. (With Balance Wheel, mounted on Iron Stand).....	110 lbs.	15.00
No. 2.....(Standard Bone Cutter).....	140 lbs.	18.00
No. 8.....(Double Hand Cutter).....	180 lbs.	22.00
No. 10.....(Small Power Cutter).....	175 lbs.	25.50
No. 14.....(Large Power Cutter).....	425 lbs.	75.00



No. 1 B. M.
Weight, 80 lbs.

Crown Green Bone Cutter.

Has steel knives, which can be taken out and sharpened. Weight, 50 lbs.

Price\$6.50
With iron stand, Wt. 80 lbs..... 8.00

Daisy Green Bone Cutter.

Turns easy, cuts fine and fast. Can be turned by hand, or by power by running a belt on hand wheel. Without stand. 90 lbs. \$11 90
With stand....130 lbs. 14 30



Gem Clover Cutter.

All iron and steel. Cuts green or dry, fine, even and easy. The knives are of steel and so arranged that they can always be kept square to the cutting bar. The Cutter with short legs is intended to set on a bench or table, while the long legs stand on the floor.

Price, with short legs, weight 50 lbs.....\$3.00
Price, with long legs, weight 70 lbs..... 9.00



CRIST AND DRY BONE MILLS.

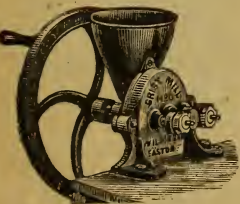
Crist Mills.

Wilson No. 0. Weight 35 lbs.....\$4.25
Wernich's No. 0. Weight 30 lbs..... 3.25

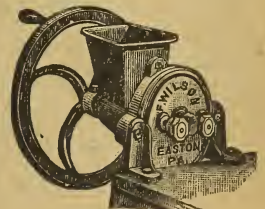
Bone Mills.

Wilson No. 1. Weight 35 lbs.....\$4.25
Wernich's No. 1. Weight 30 lbs..... 3.25
For Power Bone Mills, write for prices and circulars.

Molsture Gauges.



Grist Mill.



Bone Mill

Incubator Thermometers.

Price, each, postpaid.....\$0.95

Caponizing Instruments.

Price, complete set, in plain case. \$2.75

Copper Leg Bands.

Pllant Leg Bands, postpaid, 100 for 80c.

A handy Instrument for determining humidity of the atmosphere or percentage of most ure in the air. Also used for Incubators.
Price, postpaid..... \$1.00

New Duplex Mill.



This is a perfect machine designed to shell and grind corn and it does it to perfection.

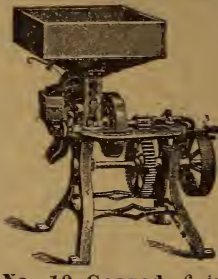
Price, not mounted, weight 55 lbs. \$6.20
 Mounted, Wt. 105 lbs. 8.90
 Extra Burrs, per set. . .68

Diamond Pulley Mill.



No. 9 Belt, 6 inch Burrs, capacity 10 to 12 bu. per hour. Weight 195 lbs. With 3 sets of Burrs. \$19.00 Extra Burrs, per set. 1.25
No. 7 Belt, 8 inch Burrs, capacity 20 to 30 bu. per hour. Weight 265 lbs. With 3 sets of Burrs. \$26.50 Extra Burrs, per set. 1.45

Diamond Geared Mill.



No. 10 Geared, 6 inch Burrs, capacity 10 to 20 bu. per hour. Weight 235 lbs. With 3 sets of Burrs. \$21.00 Extra Burrs, per set. 1.25
No. 8 Geared, 8 inch Burrs, capacity 20 to 30 bu. per hour. Weight 300 lbs. With 3 sets of Burrs. \$29.00 Extra Burrs, per set. 1.45

New Triplex Mill.



A combination of the 3 most useful implements we sell. Will shell and grind corn and grind dry bones. Price, not mounted, weight 65 lbs. \$7.20
 Mounted, Wt. 125 lbs. 9.45
 Extra Burrs, per pair. .68

Western Conqueror Wash Machine.



So well known all over the country that description is unnecessary.

No. 2. 17 1/4 x 23 1/2 x 10 1/2. Wt. 65 lbs. \$2.99
No. 3. 19 1/4 x 25 1/2 x 11 1/2. Wt. 70 lbs. 3.35

St. Louis Wash Machine.

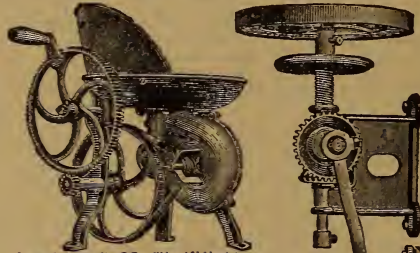


The best machine in the market to-day. Will clean quicker, easier and more thorough than any other machine. Price only \$6.35

No. 50, Self-Feed Two Hole Sheller.



SCIENTIFIC KIT OF TOOLS.
 For Farmers, Stockmen, Planters and Machinists.



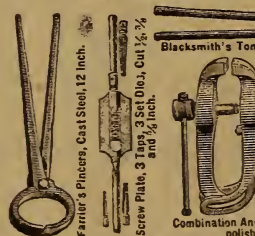
Farmer's Forge, No. 5 B. will heat 1 1/2 inch iron



Blacksmith Hammer and Handle 2 pounds, solid cast steel.
 Blacksmith's Cold Chisel, 1 1/2 lbs.; solid cast steel.



Blacksmith's Hot Chisel, 1 1/2 lbs. solid cast steel.
 Blacksmith's Tongs, Wrought Iron, 18 inches



Farrier's Knife, Wootenholm
 Combination Anvil and Vice, hardened face, fine polished; weight 65 pounds.
 Screw Plate, 3 Taps, 3 Set Dies, Cut 1/8, 3/4 and 1/2 inch.

"SAVE TIME!!" SAVE TROUBLE!! SAVE MONEY!!!
 Complete, only \$22.50.

Home Iron Workers' Outfit.

A kit of Tools similar to the above, excepting it has an ordinary Bench Drill instead of a Blacksmith's Post Drill. \$17.60

With Wagon Elevator and Cob Stacker. The Corn is shoveled into the hopper and by means of a link carrier is carried direct to the Sheller. Wheels. Furnished with Crank and 12-inch Pulley, 3 1/2-inch face. Capacity 25 to 35 bushels of ears per hour.
 Price, with Cob Rake, Wt. 375 lbs. \$36.70
 Price Sacking Elevator, Wt. 60 lbs. 7.55
 Price Cob Stacker, Wt. 30 lbs. 5.50
 Price Wagon Elevator, Wt. 115 lbs. 12.75
 Price, complete, Wt. 580 lbs. 62.50

If Sheller is to be run by Horse Power, add \$3.50 for extra attachment. In ordering power attachment, state the number of revolutions of the tumbling rod to one round of the Bull Wheel on the power which is to run the Sheller, so we can send the proper size sprocket wheel.

Cyclone Churns.



The best Churn made. A child 10 years old can work it. By its peculiar motion it will not break the grain of the butter, and as a result this will gather smoothly and not granulate.

Capacity. Price.
No. 1. 4 Gallons. \$3.90
No. 2. 6 Gallons. 4.90
No. 3. 8 Gallons. 5.60

Dry Powder Gun.



The Outfit consists of:
 4 Extension Tubes.
 3 Nozzles. 1 Strap.
 2 Elbow Tubes. 1 Belt.
 1 Oil Can.
 Weight, boxed, 19 lbs.
 Price \$6.95

Belting.



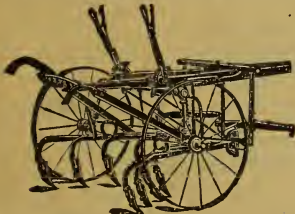
Width.	Rubber.	2nd Best.	Quality.
2 inches,	per ft.,	\$0.08½	\$0.04½
3 " "	" "	.12½	.09½
4 " "	" "	.16½	.13
5 " "	" "	.20	.15
Width.	Leather.	Price.	
2 inches,	per foot.....	\$0.15	
3 " "	" " .....	.22	
4 " "	" " .....	.28	
5 " "	" " .....	.35	

Gem Sheller.



For a cheap Sheller this has no equal. Weight, 14 lbs.
Price only \$0.90
Three for 2.60

Combined Riding and Walking Cultivator.



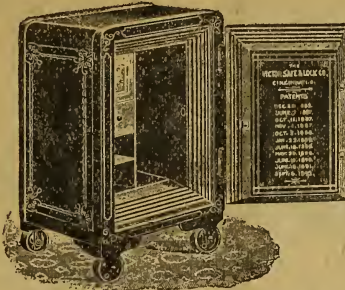
A thorough and complete combination Cultivator. Is easily widened or narrowed to cultivate any crop. Will cultivate 2 rows Beans at once if desired, and will cultivate Potatoes planted 36 inches; shovels will hill nicely. All steel. Weight 375 lbs.
Price, with 8 Teeth.....\$25.50
 We furnish two extra shields and extra long wheel spindles, for Bean cultivation, when ordered, at \$3.75 extra.

Favorite Gang Plow.



Embraces all the tried and valuable features of older models without their weak points, besides the latest improvements that really improve. Weight, 300 lbs.
Price, chilled bottom.....\$18.50
Price, steel board and chilled bottom 20.93
Price, steel bottom..... 22.48

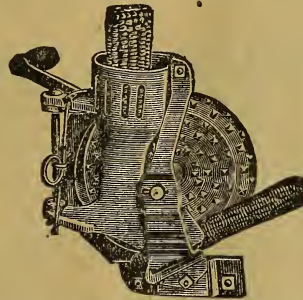
Safes.



Our Safes are made in Cincinnati and are shipped from there. Every farmer should have a safe, and at these low prices should order one at once.

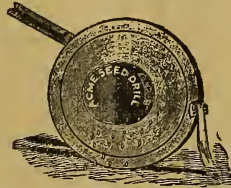
- No. 1.** 16½ in. high, 10½ in. wide, 13 in. deep, weight 100 lbs. **Price only** \$ 7 50
- No. 2.** 26 in. high, 14 in. wide, 16 in. deep, weight 225 lbs. **Price only** 12 90
- No. 2½.** 26½ in. high, 16½ in. wide, 17½ in. deep, weight, 400 lbs. **Price only** 16 75
- No. 3.** 29 in. high, 18 in. wide, 18 in. deep, weight, 500 lbs. **Price only** 19 25

Black Hawk Sheller.



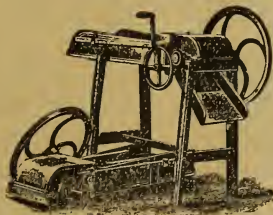
Shells clean, is simple, strong and durable. It is made entirely of malleable iron. Cheap for the price. Weight 15 lbs.
Price only \$1.90
Three for 5.25

Acme Seed Drill.



Just the thing for a small garden.
Price only, postpaid.....\$1.00

New K. D. Feed Cutter.



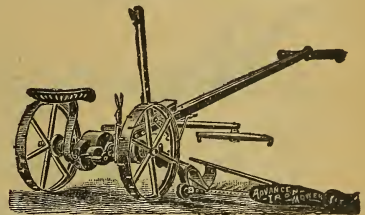
Is a strong, durable and well finished Cutter. It works with ease, has one 11-inch knife, an automatic feed and can be changed in a moment to cut various lengths. Weight 175 lbs.
Price \$11.25

Family Cobbler.

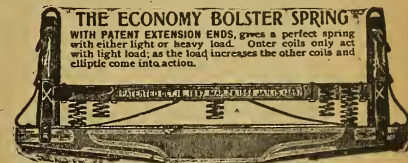


- No. 1.** Contains 36 different articles for Boot, Shoe, Rubber, Harness and Tinware Repairing. Weight of box, 20 lbs. **Price** \$1.35
- No. 2.** Contains 26 different articles (see cut) for Boot, Shoe and Rubber repairing. Weight 18 lbs. **Price** \$1.00

Advance Iron Mower.



An excellent machine. Made on honor. All the latest improvements. Draft hitch low and direct to cutting apparatus, which is drawn and not pushed, as is the case with many front cut mowers. Weight, 540 lbs.
Price, 4½ foot cut..... \$41.73



No.	Capacity.	Weight.	per set,	Price.
0-1,500 lbs.,	27 lbs.,	" "	" "	\$3.25
1-2,500 lbs.,	32 lbs.,	" "	" "	4.25
2-3,000 lbs.,	36 lbs.,	" "	" "	4.75
3-4,000 lbs.,	38 lbs.,	" "	" "	5.60
4-5,000 lbs.,	40 lbs.,	" "	" "	5.80
5-6,000 lbs.,	44 lbs.,	" "	" "	7.50
6-8,000 lbs.,	48 lbs.,	" "	" "	8.25

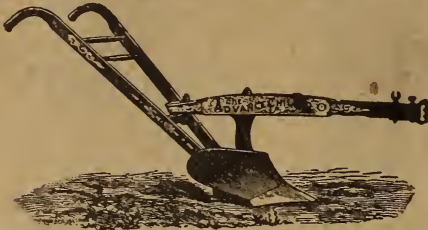
In ordering, be careful to state the width between stakes of wagon.

Wernich's Horse-Hoe or 5-Tooth Cultivator.



With large Shovel, Solid Tooth and Slip Tooth. Durable and Serviceable Weight 70 lbs.
Cheap at only \$4.20

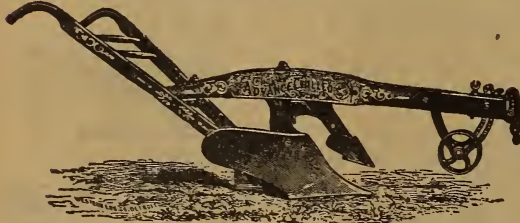
Wood Beam, One-Horse Chilled Plows.



This cut represents our Nos. 128, 129, 130 and 131 One-horse Plows.

- No. 128. Shares on No. 128 and 129 are interchangeable. Weight 50 lbs.....\$3.90
 - No. 129. Right-hand only. Cuts 7 inches and turns a furrow 4½x8 inches. Weight 65 lbs.. 4.55
 - No. 130. Right-hand only, cuts 7½ inches and turns a furrow 5x9 inches. Weight 70 lbs... 5.25
 - No. 131. Is really a light 2-horse Plow, but can be used with a large horse. Special pains are taken to make this as perfect as the larger Plows. Turns a furrow 8x11 inches. Wt. 80 lbs.
- Price, plain 5.75
 With Wheel and Jointer..... 6.90

Wood Beam, Two and Three Horse Chilled Plows.



This cut represents our Nos. 132, 134 and 135 Plows fitted with Wheel and Patent Jointer and Arm.

- No. 132. Is a light 2-horse Plow and is strong for its size and weight. Turns a furrow 6x12 inches. Weight 100 lbs.
- Price, plain \$6.50
- Price, Wheel and Jointer..... 8.25
- No. 133. A medium 2-horse Plow, doing excellent work in all kinds of land, especially clay and heavy lands. Has been thoroughly and successfully tried in the Middle States the past ten years. Turns a furrow 7x14 inches. Weight 112 lbs.
- Price, plain 7.15
- Price, Wheel and Jointer..... 8.90
- No. 134. Is a two or a light three-horse Plow, and well adapted for general work. Turns a furrow 8x14 inches. Weight 125 lbs.
- Price, plain 7.60
- Price, Wheel and Jointer..... 9.35
- No. 135. Is our largest three-horse Plow, especially adapted to sod-plowing and heavy work. Turns a furrow 16x20 inches. Weight 130 lbs.
- Price, plain 8.00
- Price, Wheel and Jointer..... 9.75

No. 126, Steel and Cast Moldboard Plows.



- No. 126. Steel Plow, is a very fine working tool and is intended for a light three-horse Plow. Cuts 13 to 15 inches. Weight 160 lbs.
- Price, plain \$ 8.50
- Price, Wheel and Jointer..... 10.75
- No. 126½. Is a Steel Beam and Steel Moldboard Plow. Complete with Wheel and Jointer or Coulter. Turns a furrow 13 to 15 inches. Weight 150 pounds.
- Price, plain\$11.00
- Price, Wheel and Jointer..... 12.50

Wing Shovel Plow.



Wings are hinged and adjustable in width.

- Price, "Star" (60 lbs.)..... \$2.95
- Price, "Rowell" (65 lbs.)..... 3.15

Mishawake Side Jumper.



This Plow is very successful in new and unbroken ground. Made with heavy steel mold-board and share and furnished with a heavy solid steel reversible double-edged coulter. It can be depended on to stand the most severe test in ground where no ordinary Plow can be used.

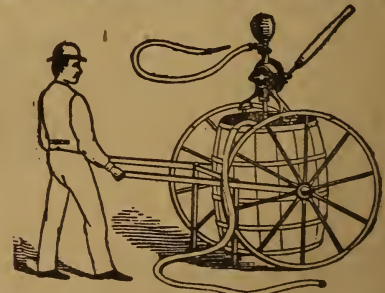
- Price \$10.25

Potato Diggers.



- Clipper (85 lbs.) Price only..... \$5.90
- Hartford (75 lbs.) Price only..... 5.75

BARREL CART WITH LEVER CLOCK PUMP.



For spraying orchards, a Spray Pump that can be placed on an ordinary oil or whiskey barrel makes a convenient and cheap outfit. The apparatus may then be placed on a wagon or attached to our Barrel Cart, as shown in the cut. In placing it on a wagon, the greatest economy of time may be obtained when two persons are engaged in the spraying, one to drive the pump, and the other to do the spraying. By using the Barrel Cart only one person is necessary.

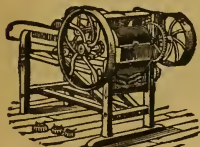
- Price, Pump, with 9 feet Suction Hose and 3 feet Discharge Hose and Nozzle.....\$16.50
- Barrel Cart and Barrel 4.10
- Complete 20.60

Fanning Mills.



Cream City No. 1,
Wt. 150 lbs. \$14.00
Cream City No. 2,
Wt. 165 lbs. 17.25
Excelsior, Wt. 140
lbs. 11.25
With each Mill we send
seven sieves, including
Clover and Timothy Sieves.

**Cummings Feed
Cutters.**



Lever Feed Cutter,
(Hand), Wt. 50 lbs. \$3.25
Clipper Cutter (H'd),
Wt. 130 lbs. 10.75
Cummings No. 1,
(H'd), Wt. 200 lbs. 15.75
Cummings No. 2,
(H'd), Wt. 300 lbs. 19.08
Cummings Cutter No.
2 1/2 (Hand and
Power) 22.68
Cummings Cutter No.
3, (Power), Wt. 500
lbs. 39.00
Cummings Cutter No.
4, (Power), Wt. 800
lbs. 57.60

Steam Cookers.



Kalamazoo No. 1,
Wt. 360 lbs. \$20.90
Kalamazoo No. 2,
Wt. 430 lbs. 22.90
Kalamazoo No. 3,
Wt. 450 lbs. 35.00

**Peerless Feed
Cooker.**



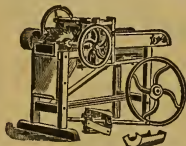
Has no equal for cooking
all kinds of feed for Stock,
Butcher's use, Sugar mak-
ing, Soap boiling, etc.
30 Gallons, 140 lbs. \$10.90
45 Gallons, 175 lbs. 13.60
60 Gallons, 200 lbs. 14.90

**Pennsylvania No. 3 Little Giant One
Horse Thresher and Cleaner.**



Price, complete with One-Horse Tread Power... \$185.00
Price, complete with Two-Horse Sweep Power... 166.50
We also have the Two and Three-Horse Threshing Outfits.

**Combined Feed Cut-
ters and Shredders.**



Price No. 2 1/2 \$38.68
Price No. 3 60.00
Price No. 4 80.15

Little Gem Engine.



Rated Horse-Power, 1 1/2;
Cylinder, Bore, 2 1/2 in.;
Cylinder, Stroke, 3 1/2 in.;
Revolutions per minute,
400; Belt Pulley Diameter,
6 in.; Belt Pulley, Face,
3 in.; Fly Wheel, Diameter,
13 in.; Fly Wheel, Face,
3 in.; Governor, 3/8 in.;
Exhaust, 1/2 in.; Floor
Space, 14x30 in.; Weight,
complete, 250 lbs.
Price only \$60.00

Sweep Powers.



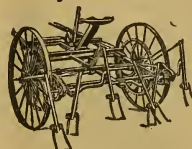
Wt. lbs.
Climax, 2-H. 850. \$27.50
Climax, 4-H. 1100. 38.00
Climax, 8-H. 1400. 56.00
Winona, 2-H. 700. 25.75
Winona, 4-H. 1000. 35.50
Winona, 6-H. 1100. 39.50
Winona, 8-H. 1400. 53.00

**Osborne Hand Cultiv-
ators.**



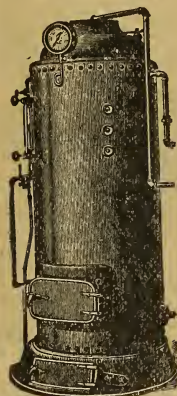
The handiest Tool of its
kind in the market, Wt.
7 lbs.
With Leaf Guard... \$1.00
Three for 2.70

Hay Tedders.



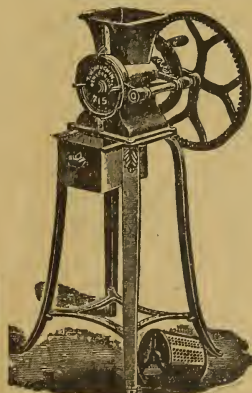
Advance 6 Fork, Wt.
500 lbs. \$25.90
Advance 8 Fork, Wt.
600 lbs. 27.90

Little Gem Boiler.



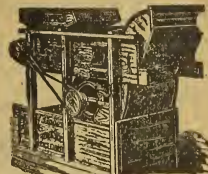
Rated Horse-Power, 1 1/4;
Diameter of Boiler, 20 in.;
Height above Base, 36 in.;
No. of two inch Flues, 19;
Length of Flues, 18 in.;
Diameter of Fire Box, 16
in.; Height of Fire Box, 18
in.; Floor Space, Diameter,
30 in.; Weight, complete,
475 lbs.
Price only \$55.00

**Horse Radish and
Vegetable Grater.**



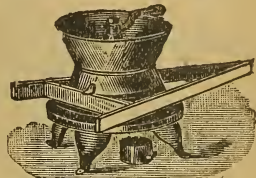
Weight 75 lbs. \$8.50

Seed Cleaners.



Clipper, Wt. 180 lbs. \$19.50
Cleans Wheat, Barley,
Oats, Corn, Beans, Rice,
Buckwheat, etc.

Corn and Cob Mill.



Osage Two-Horse Sweep.
Weight, 525 lbs.
Price \$18.75
Extra Grinding Rings.
Per pair 3.50

Star Root Cutter.



With steel knives,
Wt. 75 lbs., only. \$7.50

Barrel Carts.



Wood Frame, Wt. 55
lbs. \$3.10
Steel Frame, Wt. 55
lbs. 3.85
Barrels, net, Wt. 50
lbs. 1.00

Wagon Carts.



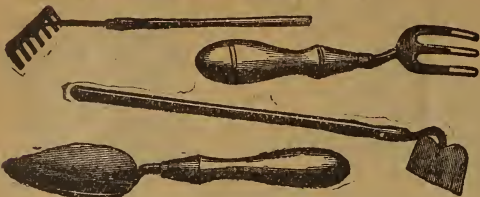
36 inch Wheels, Box 24x
36 inches, 10 inches deep.
Removable end boards, Wt.
85 lbs. \$4.98

Farm Bells.



Complete
No. Diam. Wt. Price.
1-15 inches, 40 lbs. \$1.25
2-17 inches, 50 lbs. 1.50
3-19 inches, 75 lbs. 2.20
4-21 inches, 100 lbs. 2.85

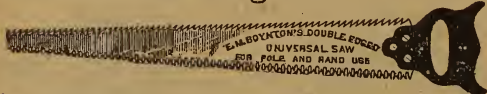
LADIES' FLORAL SET.



Price, all four tools.....\$0.60
 Garden Troweleach, .10
 Garden Forkeach, .10

By mail, \$0.75
 By mail, .16
 By mail, .16

Pruning Saw.



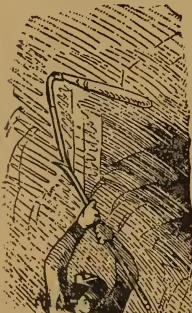
Priceeach, \$1.00, By mail, \$1.25

Tree Pruner.



6 Foot Pole.....\$1.00
 8 Foot Pole..... 1.15
 10 Foot Pole..... 1.20

Flails.



With Patent Swivel.
 Price each...\$1.25
 Three for... 3.25

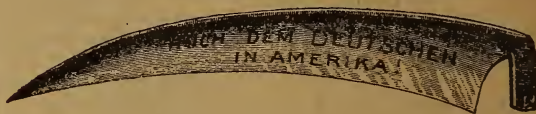
Has four attachments.
No. 1. For extinguishing fires, washing high windows, etc.
No. 2. For washing carriages, low windows, etc.
No. 3. For spraying.
No. 4. For showering.
 Price.....\$0.90

EXCELSIOR HAND WEEDER.



Price, each\$0.15
 By Mail20

Imported Hammered Scythes.



Known by those who have farmed it in the "Old Country."
No. 1. 32 inchesPrice, \$1.35; 3 for \$3.50
No. 2. 34 inchesPrice, \$1.50; 3 for \$4.00

Pruning Shears.



Price, only\$0.70
 Postpaid90

Racine Corn Planter.



With Pumpkin Seed Attachment.
 Price\$1.35
 Three for 3.75

Columbus Whet-Stone.



This Stone has been awarded First Prize at all the leading International Fairs. It is made of Aluminum Clay, and will sharpen Scythes and all other Tools as well as Kitchen Cutlery.

Price, postpaid\$0.25
 Three for60

Harness Mender.

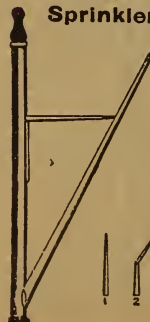


Saves time, trouble and money. Contains:

- 1 Wood Lever Sawing Clamp.
- 1 Sewing Awl Haft.
- 1 Harness Awl for Same.
- 1 Saddler's Round Punch.
- 1 Ball Shoe Thread.
- 1 Steel Rivet Set for Same.
- 1 Ball Shoe Wax.
- 1 Paper Harness Needles.
- 1 Package Rivets and Burrs

All packed in a strong box, weight 10 lbs.....\$1.20

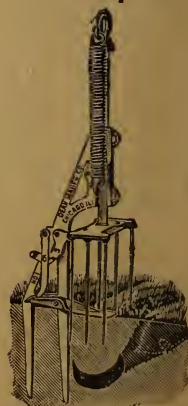
Smith's Force Sprinkler.



"Prize" Bucket Sprayer.



Olmsted Mole Trap.



Price each...\$1.00

A prize, as its name indicates. The working parts are all brass. Will throw a fine spray or solid stream.
 Fig. 669. (See out).....\$2.95

No. 710, Revolving Grater.



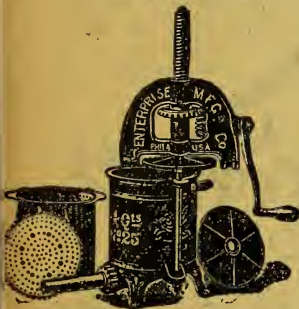
For grating Cocoanut, Horse-radish, Carrots, etc. Price only\$0.50 By mail80

No. 36, Raisin and Grape Seeder.



Seeds a lb. in 5 minutes. Price only\$0.90

Enterprise Sausage Stuffer, Fruit and Lard Press.



No.	Wt.	Td.	Jpd.
15-2 qt.	21 lbs.	\$4 10	\$3 75
25-4 qt.	30 lbs.	5 30	4 50
35-8 qt.	44 lbs.	6 25	5 50

Blizzard Powder Gun.



Holds 2 ounces of Powder. Made with a screw cap instead of a cork. Price postpaid\$0.15

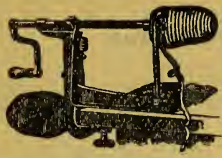
Acme Powder Bellows.



For the extermination of insects, etc.

No.	Price.	Postpaid.
No. 9	.....\$0.55	.....\$0.65
No. 14	..... .65	..... .85
No. 19	..... .75	..... 1.05
No. 22	..... 1.20	..... 1.50

Potato Parer.



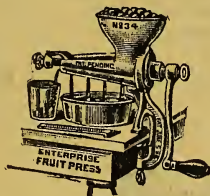
Pares thinner than any other parer. Cleans out the eyes nicely. Price\$0.75 By mail 1.00

No. 720, Almond Grater.



Will not choke up. Price only.....\$0.80 By mail 1.30

Enterprise Fruit, Wine and Jelly Press.



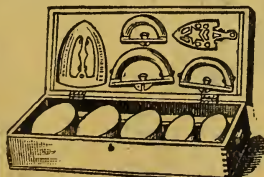
No.	Wt.	Capac.	Price.
34-12½ lbs.	1 qt.	..	\$2.90
46-36 lbs.	3 qts.	..	14.10
48-90 lbs.	8 qts.	..	23.75

Coffee and Spice Mill.



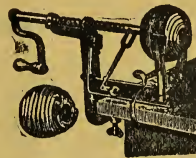
To be screwed to the wall or any convenient place in the kitchen. Grinds six ounces of coffee per minute. Capacity of Hopper 4 ozs. Weight 6 lbs., height 9 in. Price\$1.25

Family Outfit of Sad Irons.



Nickel plated and highly polished. A tasty suitable present, always appreciable. Price\$3.50

Apple Parer.



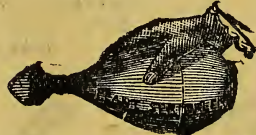
Pares, cores and slices the fruit perfectly. Price\$0.75 By mail 1.00

No. 1, Enterprise Cherry Stoner.



Can be adjusted by Thumbscrews to adapt it to the different sizes of cherry stones. Price, tinned\$0.75

Rubber Plant Sprinkler.



Can be used for sprinkling plants, cut flowers, etc., also for dampening clothes and carpets. Nos. 1 2 4 Size, oz. 12 7 4½ Price\$1.00 .75 .50 Postpaid ... 1.10 .85 .60

Knapsack Sprayer.



Made of galvanized iron with brass spraying parts connected to tank with rubber hose\$3.25

Slug Shot or Plaster Sifter.



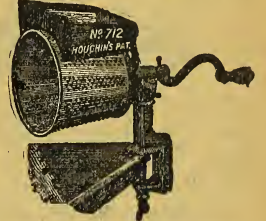
With this Sifter one can cover 8 to 10 acres per day. Nos. 1 2 Size, qt. 2 4 Price\$0.35 .50 If by mail add 15c to 2 qt., 20c to 4 qt. size.

No. 711, Revolving Slicer.



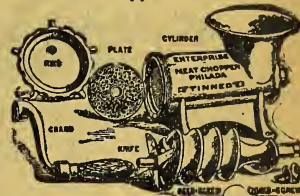
For slicing Apples, Saratoga Potatoes, Pumpkins, Cucumbers, and other vegetables. Price only\$0.50 By mail85

No. 712, Revolving Grater.



Same as No. 710, only larger and stronger. Weight, 8½ lbs. Price only.....\$1.75 (Cannot be sent by mail.)

Enterprise Meat and Food Chopper.



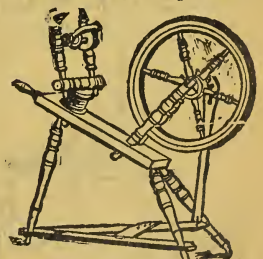
No.	Wt.	Cap. per minute.	Price.
5-4¾ lbs.	1 lb.	....	\$1.90
10-8 lbs.	2 lbs.	....	2.90
20-16¼ lbs.	3 lbs.	....	4.60

Enterprise Sausage Stuffer



Can be attached to all the principal sizes of Enterprise meat choppers. Easily attached. For chopper Nos. 5 10 20 Price\$0.30 .35 .45

Farmers' Spinning Wheel.



Made of the best hardwood, strong and durable. Weight 15 lbs. Price, \$3.45 Wool cards, per pair, .50 Wool cards by mail.. .65

"Planet Jr." Tools for 1900. PREPAID To Cash Buyers.



Space will not permit our showing and describing all of the "Planet Jr." tools, but we will send a fully illustrated catalogue free for the asking to any who desire it. Great improvements have been made for 1900.

"PLANET JR." No. 4, Combined Hill and Drill Seeder, and Single Wheel Hoe, Rake and Plow.



Sows in hills or in a row. Drops at 4, 6, 8, 12 and 24 inches apart, and also in a continuous row. Has 16-inch broad-faced wheel. Hopper holds 3 pints. Weight, boxed, 51 lbs. \$12.00

"PLANET JR." No. 25, Com. Hill and Drill Seeder, and Double Wheel Hoe.



Will sow in hills or drills and drops at 4, 6, 8, 12 or 24 inches. Has 11 1/4-inch wheels. Hopper holds 2 1/2 quarts (about 5 lbs. onion seeds). Price \$14.00

No. 16, Single Wheel Hoe, Cultivator, Rake and Plow.



A useful tool and identical to the No. 15, excepting that it has fewer tools. Has 1 pair Hoes, 3 Cultivator Teeth, 2 Rakes, Plow and Leaf-Lifter. Weight, boxed, 26 lbs. Price \$6.00

"PLANET JR." No. 8, Horse Hoe and Cultivator.

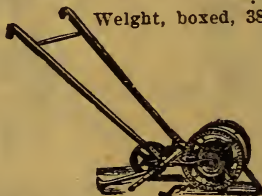


Built to withstand incredible strain, yet it is light and easy to handle. Has patent depth regulator and lever expander. Weight, 83 lbs. Price \$10.00
Planet Jr. No. 7. Similar to No. 8, except it has no depth regulator. Weight, 78 lbs. \$9.25

These Standard Garden Tools prepaid to our customers. To all railway stations in the U. S. east of the Rocky Mountains, if order for Tools, or Tools and Vegetable Seeds, combined, amounts to not less than \$7.50. This prepayment applies to tools only and not to other articles offered in this catalogue unless they are marked "prepaid" where described. Our central location offers us the best possible shipping advantage which we now give our customers in free delivery of these garden tools.

"PLANET JR." No. 2, Drill Seeder.

Weight, boxed, 38 lbs.



Known the world over. The Sowing Cylinder holds 2 1/2 quarts. It sows evenly whether there is much or little in the Hopper. \$7.75

"PLANET JR." No. 1, Combined Drill Seeder and Wheel Hoe, Cultivator Rake and Plow.



Has a complete set of cultivating tools. Used as a Drill it does perfect work. Hopper holds 1 quart. Is quickly changed to cultivate and other uses.

Weight, boxed, 47 lbs.

Price \$10.50

Fire-Fly Garden Plow.



Most useful in small gardens. Weight, 13 lbs.

Price \$2.50

"PLANET Jr." Harrow and Cultivator.



A useful tool, and one much liked by the gardener. Carefully made and finished. Hand levers regulate both width and depth while in motion. Price, plain, Wt. 54 lbs. ... \$ 7.00
Price, with Wh'l, Wt., 67 lbs. 8.75
Price, complete as shown in cut, Wt., 75 lbs. 10.50

"PLANET JR." No. 3

Hill Dropping Seed Drill



Will sow in a continuous row, but will also drop neatly in hills either 4, 6, 8, 12 or 24 inches apart. Has a 15-inch wheel. Hopper holds 3 quarts. Weight, boxed, 51 lbs. Price \$11.00

"PLANET JR." No. 20, Fertilizer, Pea and Bean Drill.



The most perfect Tool for drilling fertilizers, Peas and Beans. Has a 20-inch wheel with broad face and runs easy. The Hopper holds 1/2 bushel. Weight, boxed, 64 lbs. Price \$14.00

"PLANET JR." No. 15

Single Wheel Hoe, Cultivator, Rake and Plow.



The latest and best single wheel Hoe. Has 11-inch wheel with broad face. Outfit consists of 1 pair small Hoes, 1 pair large Hoes, 3 Cultivator Teeth and 3 Rakes and Plow. Weight, boxed, 30 lbs. \$7.25

"PLANET JR." No. 11

Double Wheel Hoe, Cultivator, Rake and Plow.



Has 11-inch wheels. It has the following tools: 1 pair small Hoes, 1 pair large Hoes, 4 Cultivator Teeth, 4 Rakes and 1 pair Plows. Weight, boxed, 38 lbs. \$9.50

No. 12, Double Wheel Hoe, Cultivator and Plow.



Same as No. 11 Wheel Hoe, only has fewer attachments. Outfit consists of 1 pair Hoes, 4 Cultivator Teeth, 2 Plows and 2 Leaf-Lifters. Weight, boxed, 31 lbs. \$7.25