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BECKERT'S SEEDS

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1912



Department of Agriculture
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GARDEN
FLOWER
AND LAWN

W. C. BECKERT, PITTSBURG, PA., NORTH SIDE

REMARKS TO PURCHASERS

Read Carefully Before Ordering

Name and Address. Write your **Name, Post Office, County and State** as distinctly as possible. Some orders reach us which give neither name nor location. In such cases it is impossible for us to fill orders until we again hear from the senders.

Use the Order Sheet. Make out your list of requirements consecutively in the order as given in the Catalogue, placing the quantity wanted before the article, and the price of the same in the column to the right; and always keep a copy of your orders.

Correspondence should not be intermingled with the body of the order, but either written at the bottom of the Order Sheet, or on a separate sheet of paper.

Remittances. The safest method of sending money is by **Post Office Orders**; where they are not obtainable, it can be sent by Express Money Order, Registered Letter, or Draft on New York. For small amounts, postage stamps will be acceptable.

When the Remittance is not sufficient to pay for the quantity of seeds ordered, we will reduce the quantity to correspond with the remittance.

Errors. All possible precautions are taken to avoid their occurrence. Notify us at once if your order is not properly filled and we will promptly make the necessary corrections.

Substitution. As the season advances some stocks of seeds are exhausted, so it is advisable when late orders are sent to name a few substitutes. We make substitution only when requested to do so, sending varieties that will as fully cover the indicated wants as our stock will permit. If not so instructed, the remittance will be refunded.

Send Us Your Order as Early as Possible. It will facilitate the prompt execution of same, and you will have your seed when you are ready to plant.

Packing. No charge for packing or delivery to depots, boats, or express offices. In no case do we prepay Express or Freight charges, unless by special agreement.

Seeds Free by Mail. All Vegetable and Flower Seeds quoted in this Catalogue by the **quarter-pound, ounce or packet** are forwarded postpaid at the prices named. Postage must be added for seeds by the **half-pound, pound, pint or quart**, as stated under the headings. We reserve the privilege of sending seeds by express, prepaid, if more convenient or expedient to do so.

Seeds by Express. Seeds can now be forwarded at 20 per cent less than merchandise rates; a saving to the buyer of one-fifth over previous rates.

Shipments by Freight. Seeds in bulk, implements, and other heavy goods are shipped by freight, and unless there is a freight agent at point of destination, the freight must be prepaid, the purchaser advancing the same, unless otherwise arranged. Our facilities for shipping to points south of Pittsburgh on the Ohio River and connecting streams are excellent, steamers plying daily between this and southern points.

Catalogues are sent free to all our customers of the **past year**. Should any change their place of residence, we desire to be informed, that we may correct the address in our Catalogue list. Our local customers, who purchase over our counters, will please give their correct address when making their first annual purchase; this will insure their receiving Catalogues the following year by mail. Many of our patrons who desire our Catalogues fail to receive them because their post office address is unknown to us.

Correspondenzen und Bestellungen in deutscher Sprache erhalten dieselbe Aufmerksamkeit als diejenigen in englischer Sprache.

By the final decision of the U. S. Supreme Court, the City of Allegheny has ceased to exist as a separate municipality and has become a part of Greater Pittsburgh. Our place of business is at the old stand where we have been so many years.

WM. C. BECKERT

101 and 103 Federal St., North Side, Pittsburg, Pa.

BECKERT'S SUPERIOR VEGETABLE SEEDS

FOR HOME- AND MARKET-GARDENS

Seeds of Superior Quality and Strong Vitality

Our Vegetable Seed Department embraces nearly all varieties that are desirable or of known value, together with the more important of recent introductions. The list has been carefully selected, and the descriptions given are chiefly derived from our own experience and observation. We have endeavored to make them as accurate and helpful as possible, to aid the purchaser in making selections.

HOW SEEDS ARE SENT

ADD POSTAGE at the rate of 8 cents per pint and 15 cents per quart to the Catalogue price for Peas and Beans when to be sent by mail. For Sugar Corn, add 5 cents per pint and 10 cts. per quart when to be sent by mail.

FREE DELIVERY to any post-office in the United States, at the prices named in this Catalogue, of all Vegetable Seeds that are sold by the **PACKET, OUNCE** and **QUARTER-POUND**.

ARTICHOKE (Artichode)

Sow early in spring, and transplant the following spring to permanent beds in rows or hills 3 feet apart.

LARGE GREEN GLOBE. The best sort for general use. Pkt. 10 cts., oz. 40 cts.

Asparagus (Spargel)

A bed once properly made and planted will last for years. Plenty of fertilizer should be well trenched into a depth of 2 feet or more. The roots should be planted as early in the spring as the ground can be prepared, setting them a foot apart in rows, 2, 2½ or 3 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seed may be sown directly in the permanent bed, and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 50 feet of drill, and produce about 300 plants. Fair crops may be expected third year from seed.

COLOSSAL. Very large, deep green; stalks tender and of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 70 cts.

FALMETTO. Early; stalks fine in size and quality, regular in growth. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

COLUMBIAN MAMMOTH WHITE. Stalks pure white. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

GIANT ARGENTEUIL. A French variety of mammoth size. Pkt. 5 cts., oz. 10 cts., ¼oz. 30 cts., lb. 90 cts.

ASPARAGUS ROOTS. By planting Asparagus roots instead of the seeds, much time can be saved in getting the shoots ready for table or market. Plant in spring, as early as possible. See Vegetable plants.



Giant Argenteuil Asparagus



Amagar Market Brussels Sprouts

BROCCOLI (Sprennföhrl)

Requires the same treatment as cauliflower. The heads are tender, white and of delicate flavor. An ounce of seed will produce about 2,000 plants.

WHITE CAPE. Creamy white; medium, compact; sure to form; delicate flavor. Pkt. 10 cts., oz. 50 cts.

BRUSSELS SPROUTS (Sprennföhrl)

The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost. An ounce of seed will produce 2,000 plants.

PARIS MARKET. A semi-dwarf variety, producing large crops of handsome, round, solid sprouts. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

AMAGAR MARKET. Plants of very vigorous growth, about 3 feet in height; stalks large, thick and close-jointed, and the sprouts set quite thickly on the stalk, and are developed very uniformly. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.15.

BEANS

Beans should not be planted before the ground becomes light and warm, in favorable seasons usually about the first of May. The soil should be rich and mellow, and the seeds scattered about 3 inches apart in drills that are 2 to 2½ feet apart and covered about 2 inches deep. Successive sowings, made at intervals of about two weeks until the middle of July, will give a plentiful supply of Beans throughout the season. One quart of seed will sow 100 feet of drill.

Add 8 cts. postage for one pint of seed, and 15 cts. for one quart when to be sent by mail; 10-cent packets free by mail

WAX, or YELLOW-PODDED BUSH BEANS

SURE-CROP STRINGLESS WAX. This splendid new variety is one of the most prolific Beans yet introduced. The beautiful, rich yellow, semi-round pods are 7 to 7½ inches long and over ½ inch wide. It is early, hardy, stringless, rust-proof, of finest quality, and will sell on sight. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. \$1.50, pk. \$2.75.

DAVIS KIDNEY WAX. Pods long, between flat and round, clear waxen color; flavor and quality excellent. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. \$1.10, pk. \$2.

WARDWELL'S WAX. Excellent early variety. Pods creamy yellow, long, broad, flat, brittle and stringless. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. \$1.10, pk. \$2.

PENCIL-POD WAX. Pods long, round, straight, slender; early,



Round-Pod Kidney Wax Beans

very productive; fine in quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. \$1.05, pk. \$1.90.

ROUND-POD KIDNEY WAX. Pods long, round, solid, brittle, and of fine quality. Plants vigorous, early and very productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.25.

BRITLLE WAX. A very early variety. Pods round, long and straight. Entirely stringless and of fine quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.25.

NEW WHITE KIDNEY WAX. More robust in growth and more prolific than the Wardwell's Wax. Pods long, fleshy, stringless and of fine quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.25.

STRINGLESS WHITE WAX. The Beans are pure white. Pods large and handsome, straight; bright lemon-yellow in color. Brittle, meaty and stringless; very prolific. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.25.

PERFECTION WAX. Pods long, flat, tender; of fine flavor and succulent; productive and early. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. \$1.10, pk. \$2.

CURRIE'S RUST-ROOF. A rust-proof variety. Pods long, flat, tender, and of good quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

GOLDEN-EYED WAX. Rapid and vigorous in growth, yielding abundantly; pods flat. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95c., pk. \$1.80.

PROLIFIC GERMAN. Pods semi-transparent; flesh tender and stringless; excellent. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

REFUGEE WAX. Very early and productive; fleshy, round, brittle, stringless golden yellow pods of finest quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. \$1.10, pk. \$2.

HODSON WAX. Pods 6 to 7 inches long. Flat and creamy white in color; very productive and stringless when young. Late in maturity. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. \$1.10, pk. \$2.

GREEN-PODDED BUSH BEANS

GREEN-POD STRINGLESS. Pods entirely stringless; very full and fleshy. They remain crisp and tender until Beans are fully developed in the pod. Early and of finest quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

GIANT GREEN-POD STRINGLESS VALENTINE. As early and productive as the Valentine, with pods a third larger, round, full and fleshy. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

BLACK VALENTINE. Pods long, straight, round, and early; of good quality and a heavy yielder; has so far proven rust-proof. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

BOITTEUIL. Pods grow to a large size, broad and fleshy; quality very good when young; very productive. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

FULL MEASURE. A new stringless Green-Podded Bush Bean. Pods round and about 5 inches in length. Tender, of excellent quality and very productive. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. \$1.10, pk. \$2.

LONGFELLOW. Pods straight, round, pale green; 6 inches or more in length. When cooked they retain their light green color, and good flavor. Productive and early. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

IMPROVED RED VALENTINE. Pods round, thick and solid; tender and of fine flavor. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

KEENEY'S STRINGLESS REFUGEE. Entirely stringless. Pods broad and nearly round; about 5 inches in length. Color light green. Brittle and tender. Quality superior. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.30, pk. \$2.40.

EXTRA-EARLY REFUGEE. Earlier than the Refugee. Pods round, solid, tender and of excellent quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

REFUGEE. Pods round, tender, fleshy and of fine flavor. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

GREEN-PODDED BUSH BEANS, continued

HODSON GREEN POD. A strong-growing late variety, enormously productive. Pods long, round and of excellent quality. Pkt. 10c., pt. 1.3c., qt. 25c., ½pk. 95c., pk. \$1.80.

LONG YELLOW SIX WEEKS. Extra-early; pods long, flat, of good quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

WHITE MARROWFAT. Grown for a dry Bean for winter use. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. \$1.40.

WHITE KIDNEY. A favorite for baking; large, kidney-shaped, flattened, white. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

DWARF HORTICULTURAL. Furnishes shelled Beans of fine quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts., pk. \$1.80.

SNOWFLAKE, NAVY. An improvement on the common Navy Bean; earlier and more productive. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. \$1.40.

BUSH LIMA BEANS

BURPEE IMPROVED LARGE BUSH LIMA. Superior to any of the older forms of Bush Lima. Plant very vigorous and upright, attaining a height of 30 inches and 24 inches across. Pods often borne in clusters of five to eight and of enormous size. Beans are larger than those of any other variety; immensely productive and of the very best quality. Matures earlier than others. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. \$1.50, pk. \$2.75.

FORDHOOK BUSH LIMA. Both pods and Beans much larger than those of any other potato Lima. Habit of plant, a strong, erect, bush-like growth. Pods borne in clusters of from four to eight, averaging four Beans to the pod. Exceedingly productive and of best quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.30, pk. \$2.50.

QUARTER CENTURY, or WONDER BUSH. Stalks large, bushy and vigorous, 18 to 20 inches high and as much across; yields heavy crops of large, well-filled pods, containing three to four Beans each, which in size and quality are equal to the Pole Lima. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.25.

WOOD'S BUSH LIMA. The Beans are larger than those of the Henderson Bush Lima, as productive and of as good quality, but a little later. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.25.

Pole, or Running Beans

(Stangen Bohnen)

Less hardy than the Bush Beans, and should be planted several weeks later, when the ground is warmer. Plant the seeds in slightly raised hills, 5 or 6 feet apart, four or five seeds to a hill. The Limas are especially tender, and the rule for late outside planting with them is rigid. Painstaking cultivators, who are usually the most successful, plant them eye downward, after setting stout poles for every hill. All sorts of late-ripening Pole Beans are benefited by pinching the tips of the vines back when they are about 5 feet high. A quart of Limas will plant about 100 hills, a quart of smaller sorts about 200.

POLE LIMA BEANS (All Best Grade Hand-Picked)

IDEAL. Pods produced in clusters and of enormous size. An immense cropper and quality of the very best. Not an extra-early, but unsurpassed for a main crop variety. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.25.

EARLY LEVIATHAN. This new variety is not only earlier than any other, but the Beans are of the largest size and unsurpassed in quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.25.

KING OF THE GARDEN. The vines set Beans early and bear until frost; only two vines allowed to a hill. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. \$1.10, pk. \$2.

CARPINTERIA. The Bean of this Lima has a green tint, retaining this color even when ripe. This indicates good quality. Pods generally contain four large Beans, which are thin-skinned, very tender and of fine flavor. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. \$1.50, pk. \$2.75.

SIEBERT'S EARLY LIMA. Pods and beans quite large, very early and productive; quality the best. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. \$1.10, pk. \$2.

SHOTWELL. Of the potato Lima class, and superior to Dreeer's Lima in earliness size and quality.



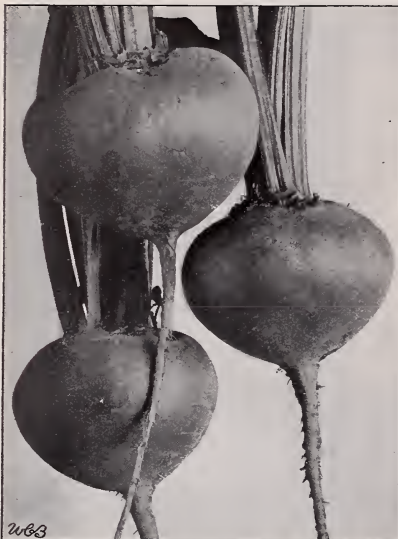
Longfellow Beans (see page 1)

Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. \$1.10, pk. \$2.



Burpee Improved Large Bush Lima Beans

Lawn Grass Seed. If you desire a perfect lawn, use our EVERGREEN LAWN SEED.



Crosby Improved Beets

to the open ground. For main crop, the seed is sown outside as soon as the soil is in good condition, in drills from 12 to 15 inches apart, and covered about an inch deep; the plants are thinned to stand 4 or 5 inches apart in the rows. For winter crops, sow seed in June, in drills, as for early Beets. An ounce will sow 50 feet of drill; five or six pounds, an acre.

CROSBY IMPROVED. An improved Egyptian; its roots are thicker, smoother and of better shape. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

EGYPTIAN. An early sort; can be planted very closely. Medium size and dark crimson color. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

CRIMSON GLOBE. A very early globe variety; roots very smooth and handsome; flesh and skin deep red; of best quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.65.

EARLY MODEL. Perfectly globe-shaped; very early, deep blood-red in color and of finest quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.65.

ECLIPSE. Roots globe-shaped. deep red; with sweet, fine-grained flesh. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

DETROIT GLOBE TURNIP. Roots globular or ovoid; flesh dark red and tender; foliage small. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.65.

BECKERT'S PERFECTION BLOOD TURNIP. Not early, but admirably adapted for main crop and for winter storage. The beet is almost a perfect globe shape, with small tap-roots; its tendencies are to grow only to medium size. Flesh dark crimson, and remains tender and brittle after a season's growth. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.65.

SEIF BLOOD TURNIP. A local variety of great merit. It is not an extra-early variety, but excellent for main crop or winter storage. Deep crimson in color. Flesh very tender, and remains so no matter what size the root may attain. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.65.

CRAUPADINE. Half-long, deep red roots; flesh firm, juicy and tender. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

SWISS CHARD, LUCULLUS. Grown for its tender, succulent tops, which are prepared for the table like spinach or asparagus. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

FIELD BEETS FOR STOCK FEEDING

Grown for stock feeding, they form very wholesome and nutritious food. Of special value for feeding to cows, as they greatly increase the flow of milk. The seed should be dropped about 2 inches apart, in drills 2 feet apart, and the plants thinned so that there will be 12 to 16 inches between them. From five to eight pounds of seed are required to sow an acre.

GIANT LONG RED MANGEL. Heavy cropper. Roots long and thick.

GOLDEN TANKARD. Has large roots. Flesh bright yellow.

RED-TOP SUGAR BEET. Has a good percentage of sugar; white flesh.

CHAMPION YELLOW GLOBE. Large, smooth, yellow, globe-shaped roots.

GIANT YELLOW INTERMEDIATE. Roots oval-shaped. Enormous yielder.

Prices of all Field Beets, oz. 8 cts., 4 ozs. 25 cts., lb. 70 cts.; postpaid, 78 cts.

EDIBLE-PODDED POLE BEANS

KENTUCKY WONDER WAX. Has all the desirable qualities of Kentucky Wonder Green-Pod. Pods transparent yellow, stringless and of delicious quality; very vigorous and immensely productive. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., $\frac{1}{2}$ pk. \$1.50, pk. \$2.75.

DREER'S GOLDEN CLUSTER WAX. Bears long golden yellow pods in clusters and continues for a long time. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50.

BLACK WAX POLE. Fleishy pods; medium size, tender and stringless. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., $\frac{1}{2}$ pk. \$1.10, pk. \$2.

MONT D'OR POLE WAX. Early and productive wax variety of superior quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., $\frac{1}{2}$ pk. \$1.10, pk. \$2.

KENTUCKY WONDER, or OLD HOMESTEAD. Pods borne in clusters; deep green in color; round, and often 9 inches in length; tender, crisp and of finest quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., $\frac{1}{2}$ pk. \$1.10, pk. \$2.

WHITE-SEEDED KENTUCKY WONDER, or BURGER'S GREEN-POD STRINGLESS. Earlier than Old Homestead and remains longer in bearing. Pods 6 to 8 inches long, borne in clusters; dark green in color; very meaty and stringless. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., $\frac{1}{2}$ pk. \$1.10, pk. \$2.

LAZY WIFE. Very productive; pods green; 4 to 6 inches long; broad, thick, fleshy and entirely stringless; rich and tender. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.25, pk. \$2.25.

HORTICULTURAL. Bears profusion of large fleshy pods; one of the best and finest flavored shell Beans. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., $\frac{1}{2}$ pk. 95 cts., pk. \$1.80.

WHITE CREASEBACK, or BEST OF ALL. Very productive, bearing in clusters; pods silvery green, medium size, best quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., $\frac{1}{2}$ pk. 95 cts., pk. \$1.80.

ASPARAGUS, or YARD LONG. Pods round and glossy and attaining a length of 2 feet or more; of good quality. Pkt. 10 cts.

THE BEST GARDEN BEETS (Zaifrüben)

The best soil suited for the Beet is a deep, light and rich loam. For very early crops, the seed is sown in hotbeds, and the seedlings are transplanted and covered about 2 inches apart, in drills 2 feet apart, and the plants thinned so that there will be 12 to 15 inches apart in the rows. For winter crops, sow seed in June, in drills, as for early Beets. An ounce will sow 50 feet of drill; five or six pounds, an acre.



Early Model Beet

CARROTS (Wüßren)



Half-Long Pointed Carrots

HALF-LONG LUC. A very symmetrical, half-long, stump-rooted variety. Early, very productive, of fine quality. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

DANVERS HALF-LONG. The roots are smooth, thick and intermediate between Short Horn and Long Orange in form. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

ST. VALERY INTERMEDIATE. Thick-shouldered, intermediate in length between the Half-Long and Long Orange varieties. Flesh rich orange color and of finest quality.

Carrots succeed best on heavy loam, which preferably should have been well fertilized the previous year, as fresh manure often causes the roots to grow pronged and misshapen. Sow the seed as early in the spring as the ground can be prepared, firming the soil down over them. An ounce of seed will sow 100 feet of drill; four pounds will sow an acre.

AMSTERDAM FORCING. A new, very early variety. Fine for forcing. Entirely without core. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.75.

EARLY FRENCH FORCING. A small globular-shaped reddish orange variety. Very desirable for early garden culture or forcing. First quality. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.75.

EARLY SCARLET HORN. For early crops. Roots are about 3 inches long and of very good quality. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.75.

HALF-LONG POINTED. The roots are intermediate in size between Early Horn and Long Orange; smooth, bright orange; well-flavored. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.75.

GUERAND, or OXHEART. Thick and very blunt-rooted, 5 inches long; deep red color; tender. Of fine flavor and a heavy cropper. Pkt. 5 cts., oz. 15 cts., ¼ lb. 55 cts., lb. \$2.

HALF-LONG STUMP-ROOTED. Much like the Half-Long Pointed, except that the roots have the stump form. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

CHANTENAY. Handsome roots, broad-shouldered, smooth and more uniform than the Danvers. Of superior flavor. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.



Half-Long Luc Carrots

Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

IMPROVED LONG ORANGE. Extensively grown; good and heavy in yield. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

WHITE BELGIAN. A very productive white-fleshed variety for stock feeding. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 90 cts.

CAULIFLOWER

(Blumenkohl)

How to Grow Fine Cauliflower. Culture for Cauliflower and cabbage is essentially the same, but to the former extra care given in applying fertilizers and moisture well repays the gardener. Sow the seeds for early and late crops as directed for cabbage, but do not set the early plants in the open field too soon, for if too much stunted by severe frosts, they begin to form heads before they are strong enough to develop them well. Plants which have not headed before winter sets in may be stored in a cool cellar or coldframe, and will form heads there without any further attention. A deep, loamy soil, with a substratum of moisture during dry weather, is most suitable for the Cauliflower. An ounce of seed will produce about 1,500 plants.

BECKERT'S EARLY SNOWBALL. Produces large, handsome heads, measuring 8 to 10 inches across; pure snowy white; close, compact and of the finest quality. The stalks are short, of compact growth, and can be planted closely. It is extra-early, a very certain header, and equally good for a late crop. Unsurpassed by any strain offered. Pkt. 25 cts., ¼ oz. \$1, oz. \$3.50.

BECKERT'S SMALL-LEAVED SNOWBALL. About two weeks earlier than the preceding; a sure header and fine for forcing or outdoor culture. Pkt. 25 cts., ¼ oz. \$1, oz. \$3.50.

EXTRA-EARLY ERFURT. The plants may be depended upon to form large, firm, white heads; very early. Pkt. 25 cts., ¼ oz. \$1, oz. \$3.50.

EXTRA-EARLY PARIS. Large leaves and large, firm, white heads. Pkt. 10 cts., ¼ oz. 20 cts., oz. 75 cts.



Beckert's Early Snowball Cauliflower

CAULIFLOWER, continued

DANISH GIANT, or DRY WEATHER. Similar to Snowball in size, quality, etc., but matures about one week later and is a better drought- and heat-resister. Pkt. 25 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.50.

ALGIERS. Late, sure-heading; the heads are good in color and quality and long keeping. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 75 cts.

LENORMAND'S SHORT-STEM. A late variety; good heads, with close, uniform curds. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts., oz. 75 cts.

VEITCH'S AUTUMN GIANT. White; large, firm heads. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts., oz. 50 cts.

CELERY (Cellerie)

Celery can be grown in any garden soil, but the finest is produced in deep, mellow bottom land. Seed for early crops should be sown in hot-beds about March 15. The plants may either be thinned to give them room to grow, or transplanted to another bed to grow until it is time to plant them in the open ground. For main crop, seed should be sown in the open air as soon as the soil and air are warm enough. They should be covered lightly, or merely pressed into the earth with a board, if the soil is fine and mellow. The seedbed must be kept free from weeds, and well-watered in dry weather. When the plants are large enough, transplant them to shallow trenches or furrows, from 4 to 6 feet apart, according to the variety grown, setting the plants 6 inches apart in the rows and pressing the soil firmly around them. Blanching consists of drawing earth up to the stalks at intervals of about two weeks, until all but the tops of the plants are covered. Celery may be kept for winter use in pots or cellars, or in deep, narrow trenches, in a dry situation; the latter must be covered with boards, with sufficient soil and manure on top to keep out the frost, leaving openings for ventilation in mild weather at short distances. An ounce of seed will produce about 2,000 plants.

GOLDEN SELF-BLANCHING. Very scarce. Stalks beautiful golden yellow. Plants semi-dwarf and vigorous, with large, ribbed and rounded stalks which are quite crisp and tender. Pkt. 15 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.25.



Magnificent Celery



White Plume Celery

WHITE PLUME. Easily blanched, and one of the very hand-somest sorts grown. In large plants the stalks, hearts and inner leaves become white without any blanching. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

SNOW-WHITE. Of the White Plume class, but is still more easily blanched, of a purer white; of more vigorous growth. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

GIANT PASCAL. Stalks broad, thick and about 2 feet high; blanch quickly; rich nutty flavor; tender, crisp and stringless. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

BECKERT'S PERFECTION WINTER. Grows to good size; very brittle, and white in color. For solidity, crispness and fine nutty flavor it is unsurpassed; its most valuable recommendation to growers is its remarkable keeping qualities, as it can be kept easily until spring. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

MAGNIFICENT. This Celery is of the very finest quality. In past years a very popular golden dwarf type, recommended for a late fall and winter crop, being unexcelled as a long keeper. Of medium height and strong and robust growth. Very full-hearted, crisp and solid, and when bleached it is of a golden yellow color. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

WINTER QUEEN. Of medium height and strong, robust growth; stalks thick and heavy, with numerous hearts; perfectly solid, rich and of delicious nutty flavor; a fine winter keeper. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

PERFECTION HEARTWELL. Hearts large and close-growing; crisp, tender, keeping until quite late. One of the best. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

BOSTON MARKET. Of dwarf, branching habit; solid, crisp and of fine flavor. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

LONDON SOLID RED. A splendid red variety of robust, compact, medium growth, forming very solid hearts which blanch easily; extremely crisp and of fine flavor. Pkt. 10 cts., oz. 50 cts.

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Seed. FOR SHADY PLACES, sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside of back cover for same and for directions how to make a lawn.



Prague Giant Celeriac

CELERIAC, or TURNIP-ROOTED CELERY

(Römlen Cellerie)

Sow in early spring; transplant the seedlings in May. They will be ready for cooking in October, and may be preserved in dry sand for use during winter. Celeriac is said to be as fine a nerve tonic as celery, and can be grown in many sections where celery culture is practically impossible. The roots have almost the same flavor as white celery stalks, while they keep much longer than celery. An ounce of seed will produce about 2,000 plants.

PRAGUE GIANT. Roots are very large. When young, they are quite tender and marrow-like, having a very fine flavor and cooking quickly. Pkt. 5 cts., oz. 35 cts.

CHICORY (Cichorie)

Sow early in spring, in good, mellow soil, in drills half an inch deep and 12 inches apart.

LARGE-ROOTED MAGDEBURG. The leaves when blanched make an excellent salad. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. \$1.25.

WITLOOF. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. \$1.50.

CORN SALAD (Zammer Salat)

Sow the seed thickly in shallow drills in September, and firm the soil well down above it, if the weather be dry. Highly appreciated, and much grown where other salads and lettuces do not succeed. Prepared in the same manner as lettuce and makes an excellent dish. An ounce of seed will sow a bed 20 feet square.

LARGE-SEEDED. Has large, tender leaves. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 90 cts.

LAWN GRASS SEED. If you desire a perfect lawn, use our Evergreen Lawn Seed. FOR SHADY PLACES, sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside of back cover for same and for directions how to make a lawn.

CORN, Sweet or Sugar

(Mais)

This delicious vegetable may be enjoyed from early summer until frost, if the proper varieties are selected and planted for succession at intervals of every two weeks until the middle of July. If the seed is planted too early, before the ground becomes warm, it is liable to decay. Plant in hills 3 to 4 feet apart each way, five or six kernels to a hill; or in rows 4 to 5 feet apart, scattering the seeds thinly in the rows. The taller-growing the variety, the richer should be the soil and the wider the space allowed for development. One quart will plant 200 hills.

If to be sent by mail, add 10 cents per quart for postage. 10-cent packets of all kinds sent postpaid

EXTRA-EARLY ADAMS. Not a Sugar Corn, but grown for table use because of its earliness. Plant dwarf; ears short. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. \$1.40.

ADAMS' EARLY. Not a later Corn. Similar to the preceding, but larger and somewhat sweeter. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. \$1.40.

EARLY MAYFLOWER. Five to six days earlier than White Cory. Ears of about the same size and of equally good quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.30, pk. \$2.50.

MORSE'S GOLDEN CREAM. A cross between Country Gentleman and Golden Bantam. Kernels, ear and cob are like Country Gentleman, whilst the flavor resembles and is equal to that of Golden Bantam. Dwarf in habit. Very early and bears from two to four ears to the stalk. A rare novelty. Pkt. 10 cts., ¼lb. 15 cts., lb. 50 cts., postpaid; lb. 40 cts., 5 lbs. \$1.75, by express or freight.

FIRST OF ALL. Stalks short; ears set quite low, of fair size, and well filled with large, reddish grains. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. \$1.40.

WHITE CORY. Similar to First of All, except that the kernels are white. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. \$1.40.

PREMO. One of the very earliest; ears of good size for such an early variety; quality good. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. \$1.40.

MINNESOTA. Ears about 8 inches long; early. Kernels broad, sweet and tender. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. \$1.40.

CATAWBA. Dwarf and extremely early. Ears 6 to 7 inches long and slender, and generally three produced to the stalk. Kernels pearly white; tender, juicy and very sweet. Equal to the Golden Bantam. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.30, pk. \$2.50.

CROSBY. An old standard second-early variety, of good medium size and good quality. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. \$1.40.

SQUANTUM. Medium-early; ears 12-rowed and deep in the grain; sweet and tender. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts., pk. \$1.40.



Stowell's Evergreen Sweet Corn

KOHLRABI (Kohlrabi)

Very palatable when prepared for the table like turnips. If the weather is favorable the seed should be sown in April, in rows 18 inches apart, and the seedlings thinned to stand a foot apart for White Giant, and 6 to 8 inches apart for other sorts. They are fit for use when 3 or 4 inches in diameter. For late crops, sow seeds in June or July. An ounce of seed will produce 2,500 plants.

VERY EARLY WHITE VIENNA. The earliest sort. The plants grow rapidly, have small foliage, and mature their fine, round white bulbs quite early. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

EARLY PURPLE VIENNA. This variety differs from the above mainly in the color of its roots, which are a bluish purple. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

WHITE GOLIATH. A late, very large-growing sort with immense bulbs, stems and leaves. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

LEEKS (Lauch)

Used for seasoning soups and boiling with meats. The seed should be sown in hotbeds in early spring, and the seedlings transplanted later to the open ground, 8 inches apart, in rows from 12 to 15 inches apart. For a winter supply, sow seed in the open ground in early spring, and thin the seedlings until they have room for development, or transplant them as above. Store like celery for winter. An ounce of seed will sow about 100 feet of drill.

LONDON FLAG. The variety most extensively cultivated. Stalks early and large. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

MUSSELBURGH. Broad, spreading leaves and very large stalks. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

GIANT CARENTAN. Stalks thick, short, hardy, mild-flavored. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

ROUEN WINTER. Stalks very large, hardy, late-keeping and lighter green than in other sorts. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

MARTYNIA (Gemejenhorn)

The seed-pods are excellent for pickling if gathered when tender and about half-grown. Sow the seed in May, in rows 3 feet apart, and thin the plants to stand 2 feet apart in the rows. Pkt. 5 cts., oz. 30 cts.

MUSTARD (Senf)

The young and tender leaves of the Mustard are greatly relished as salads or when cooked like spinach. The seed should be sown in shallow drills as early as the ground can be prepared in spring, and the leaves cut when several inches long.

WHITE. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 40 cts.

GIANT SOUTHERN CURLED. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

MUSHROOM SPAWN

Add 15 cts. per brick when to be sent by mail

PURE CULTURE. Repeated trials have demonstrated that the Pure Culture is far superior to spawn that is imported, and when once used, no one would willingly use any other kind. It is somewhat more expensive than the old brand, but results will show that it is the best and consequently the cheapest.

Standard. Per brick, 25 cts., 5 bricks \$1, 10 bricks \$1.80, 25 bricks \$3.75, 50 bricks \$7, 100 bricks \$12.

Direct. These are inoculated directly from the laboratory without transfer. Per brick 30 cts., 5 bricks \$1.25, 10 bricks \$2.30, 25 bricks \$5.50, 50 bricks \$8, 100 bricks \$15.50.

A brick weighs one and one-third pounds. Pamphlet on "Mushroom Culture" free on application.

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Seed. FOR SHADY PLACES, sow our Shady Nook Lawn Seed. Both kinds, if sown early in spring, will produce a good lawn by midsummer. See inside of back cover for same and for directions how to make a lawn.



Dwarf Curled Scotch Kale (see page 10)



Very Early White Vienna Kohlrabi



Mushrooms



London Flag Leeks

MUSKMELONS, continued

BURRELL'S GEM, or DEFENDER. A counterpart of the celebrated Rocky Ford Muskmelon, except in the color of the flesh, which is dark salmon or orange. The fruit grows to a medium size, being slightly ribbed, and closely netted. Skin is dark green and rind thin. Flesh very thick and of the most delicious quality and flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts.

TIP-TOP. Yellow-fleshed, sweet, juicy and of finest flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.10.

EXTRA-EARLY HACKENSACK. Of good size, weighing from five to ten pounds each. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts.

LONG-ISLAND BEAUTY. Fruit large size, flattened, heavily ribbed and netted, early and of excellent quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.10.

PROLIFIC NUTMEG. Fruit round, about 7 inches in diameter, flattened at the ends. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts.

JENNY LIND. Fruit small, flattened in its form, heavily ribbed and netted. Very early. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts.

CHAMPION MARKET. Of the Netted Gem Type, but much larger. Nearly round, well netted. The flesh is thick and light green color. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts.

JERSEY BELLE. Flat, heavily ribbed and coarsely netted; flesh green and fine quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts.

MONTREAL MARKET. Large, green-fleshed nutmeg variety, of very fine quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.10.

PRINCESS. Flesh thick; seed cavity small; flesh rich salmon, fine-grained, sugary and melting. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts.



Burrell's Gem, or Defender Muskmelons

MILLER'S CREAM. Medium-sized, globe-shaped; very sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts.

PAUL ROSE. Medium-sized; flesh salmon, thick and solid; fine shipping melons. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts.

KINSMAN QUEEN. Early; large size, nearly round; flesh deep salmon, rich and juicy. Pkt. 5 cts., oz. 10c, $\frac{1}{4}$ lb. 25c., lb. 90c.

BANANA. Cucumber-shaped; has a delicious odor. Matures late. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts.

WATERMELONS (Waffermelonen)

Secure good, strong vines early in the season by making the hills large, mellow and well drained, with the manure placed so that they will not dry out quickly under hot suns. All possible protection should be given the young plants, and, as a protection from insects, use dry ashes or coal dust sprinkled over the leaves. Plant the seeds thickly, and thin the plants to four of the strongest in each hill. An ounce of seed will plant about 50 hills.

EARLY FORDHOOK. Extra-early; large, nearly round; skin tough; flesh red and very sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

KLECKLEY SWEETS. Of the very finest quality; large and oblong in size; flesh bright scarlet and free from stringiness. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

PEARLESS, or ICE CREAM. Fruit medium size, oval, bright green and finely veined or mottled. Flesh bright scarlet, crisp, tender and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

WONDERFUL. Fruit large and oblong; flesh rose-colored; very crisp and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

GRAY MONARCH, or WHITE ICING. Large, long form; flesh deep red and of delicate quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

COLE'S EARLY. Delicate in texture; fruit nearly round and of medium size; rind thin. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

DARK ICING. Sweet and delicious. Fruits of fine, medium size, nearly round; firm, delicate, with rich, fine flavor. An excellent shipper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

SWEETHEART. Firm and heavy, crisp, melting and exceedingly sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

SEMINOLE. Ripens its large, delicious fruits very early. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

DIXIE. Early; productive and of fine shipping quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

FLORIDA FAVORITE. Fruits large and long; skin mottled, flesh deep red, sweet and tender. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

RED-SEEDED CITRON. Used for preserves, etc. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

COLORADO PRESERVING. Excellent for making preserves. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.



Emerald Gem Muskmelons



ONION SEEDS AND SETS (Zwiebel)

Good Onion Seed is of the greatest importance

Onions thrive best on a rich, deep, loamy soil. For sets, the seed should be sown very thickly in drills as early as possible in spring. In summer, as soon as the tops die down, harvest the bulbs and store them in a dry, cool place, spreading them in thin layers. Early in the following spring, replant them 4 inches apart, in small drills 12 inches apart, and they will form into fine, large bulbs early in the season. Large Onions may also be grown from seed the first season if the land is strong and well manured, the seed sown thinly in drills a foot apart, and the seedlings thinned to stand 3 or 4 inches apart in the drills; they must be well cultivated and kept free from weeds. Five pounds per acre will be required for large Onions; for sets, 60 lbs.

YELLOW GLOBE DANVERS. Bulbs of fine shape and good size, while the yield per acre is enormous, averaging from 600 to 800 bushels, on good soil and with good culture. Thin yellow skin and mild, fine-grained white flesh. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

MICHIGAN GLOBE DANVERS. Bulbs large and uniformly spherical, with very small necks; color rich orange-yellow; enormous yielder and good keeper. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

FLAT YELLOW DANVERS. Grows to good size, ripens early; mild in flavor and keeps well. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

YELLOW DUTCH, or STRASBURG. Bulbs flat, and attain a good size; yellow color, white flesh, mild flavor; it is one of the best keepers. Grown largely for sets. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

PRIZETAKER. Bulbs very large, round and handsome; rich yellow skin and mild, sweet, pure white flesh, quite free from stiff necks; yields enormously. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

SOUTHPORT YELLOW GLOBE. Similar to White Globe, save that it is light straw-colored. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

WHITE PORTUGAL, or SILVER SKIN. Largely grown for sets. Bulbs large, with silvery white skin and sweet, tender white flesh. Are mild-flavored, and excellent for family use and for pickling. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

SOUTHPORT WHITE GLOBE. A large, showy, globular white Onion. The bulb grows quite rapidly, and if the seed is sown early, good-sized roots suitable for using in a green state, are soon formed. They are mild-flavored and keep well. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3.25.

MAMMOTH SILVER KING. Bulbs very large, flat, thick; skin thin and silvery white; flesh sweet and tender; early and productive. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3.25.

RED WETHERSFIELD. Productive and long-keeping. Bulbs deep purplish red, flat, strong-flavored and grow to a large size. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

SOUTHPORT RED GLOBE. Large red Onion, and one of the best keepers; true globe shape. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

ONION SETS. Select Stock (Prices Variable)

WHITE. For early use. Qt. 20 cts., pk. \$1.50, bus. \$5.50.

YELLOW DANVERS. Qt. 15 cts., pk. \$1.15, bus. \$4.50.

OKRA (Safran)

The tender young pods are used for seasoning soups and stews. Sow thickly in rich soil about the middle of May, in drills 3 feet apart, and cover the seeds an inch deep. An ounce will plant 100 hills.

WHITE VELVET. Pods long, round, smooth; velvety white surface. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts.

LONG POD. Productive; pods very long and slender; deep green. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts.

PARSLEY

Much used for garnishing and flavoring soups, stews, etc. The seed is slow to germinate, and should be sown as early as possible, in drills 12 inches apart, thinning plants in rows 4 to 6 inches apart.

DWARF EXTRA CURLED. Dwarf, with finely curled leaves. Quite decorative, as well as savory. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

CHAMPION MOSS CURLED. Leaves bright green, finely cut and beautifully curled. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

PLAIN-LEAVED. Best for flavoring; very hardy. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts.

HAMBURG. A very large-rooted variety; the roots are used for flavoring soups. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

Lawn Grass Seed. If you desire a perfect lawn, use our Ever-green Lawn Seed. FOR SHADY PLACES, sow our Shady Nook Lawn Seed. Both kinds, if sown early in spring, will produce a good lawn by midsummer. See inside of back cover for same and for directions how to make a lawn.

PEAS (Erbsen)

The Pea crop of 1911 has been one of the shortest on record. Choice stock very scarce

All smooth-seeded Peas may be planted as early in the spring as the soil can be prepared for them, being very hardy. Sow for the first crop as early as practicable, and for successions at intervals of about two weeks until June. Late sowings, however, do not yield so well as early ones. Sow in drills about 2 to 3 inches deep, and from 2 to 4 feet apart, according to variety, taller sorts requiring more room than dwarf ones. Dwarf Peas require a very rich soil, while taller ones thrive best in rather thin ground. The latter are frequently sown in double rows, with the brush, or support of some kind, between them. Wrinkled Peas are not so hardy as the smooth sorts, and should not be sown quite so early, but are superior to them in quality, more delicate in flavor, and remain longer in season. One quart of seed will plant about 100 feet of drill.

For Peas to be sent by mail, add postage at the rate of 8 cts. per pint, 15 cts. per quart, to prices given. Wrinkled varieties are marked with a star.

ALASKA. 49 days; 2½ feet. Pods small, but well filled with plump, excellent dark green Peas. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.25.

SUNOL. 50 days. An improved strain of the First and Best. Pods larger; more productive and uniform in maturing. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.25.

SURPRISE. 50 days. 2½ feet. Vines thickly set with round, well-filled pods. 2½ to 3 inches long; Peas tender and sweet. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.25.

PROLIFIC MARKET. 54 days. An extra-early variety. Crop uniform and comes in in two pickings. One of the most productive of its class. Quality excellent. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. \$1.45, pk. \$2.75.

NOTT'S EXCELSIOR. 54 days; 1 foot. The finest dwarf Pea in cultivation. Pods closely packed with large Peas of fine flavor; vigorous and prolific. Pkt. 10 cts., pt. 25 cts., qt. 45 cts., ½pk. \$1.80, pk. \$3.50.

SUTTON'S EXCELSIOR. As early as Nott's Excelsior. More vigorous in vine. Pods larger and well filled with Peas of finest quality. Pkt. 10 cts., pt. 25 cts., qt. 45 cts., ½pk. \$1.80, pk. \$3.50.

PREMIUM GEM. 54 days; 15 inches. Early and superior wrinkled Peas; pods abundant; Peas tender, sweet and good. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. \$1.45, pk. \$2.75.

LITTLE MARVEL. 54 days. Vines 15 inches high, bearing in profusion well-filled pods which are 2½ inches long, containing 6 to 7 large Peas. Early as Nott's Excelsior, but a better crop. Quality fine. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., ½pk. \$2.25, pk. \$4.25.

LAXTONIAN. Pods nearly as large as Thos. Laxton, and mature about three days later than Nott's Excelsior. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. \$1.50, pk. \$2.75.

Excelsior. Vines 15 to 18 inches. A good yielder and quality first class. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., ½pk. \$2.60, pk. \$5.

EARLY PRIZE. Dwarfier than the preceding. A little earlier, more prolific and of even better quality. Said to be a heavier yielder than any other variety in cultivation. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. \$1.45, pk. \$2.75.

EXTRA-EARLY TELEPHONE. 52 days. 2½ feet. Combines earliness with the size and quality of the best of the later sorts. The pods are of the same size and quality as the Telephone, and are ready to pick one week after the earliest. Pkt. 10 cts., pt. 28 cts., qt. 55 cts., ½pk. \$2, pk. \$3.90.

THOS. LAXTON. 55 days. Pods large, long and deep green in color; seed wrinkled, sweet and of fine flavor. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., ½pk. \$2.25, pk. \$4.25.

DUKE OF YORK. 61 days. A variety intermediate between Early Telephone and Late Telephone. Pods large, well filled with Peas of very fine flavor. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. \$1.50, pk. \$2.75.

DWARF TELEPHONE (Carter's Daisy). 55 days. Pods average 5 inches containing 7 to 9 Peas. Quality fine. Pkt. 10 cts., pt. 28 cts., qt. 55 cts., ½pk. \$2, pk. \$3.90.

FILLBASKET. 60 days. Pods well filled with medium-sized Peas of good quality. Height 2½ feet. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. \$1.45, pk. \$2.75.

DUKE OF ALBANY. 70 days; 3 feet. Pods large and produced in great abundance. Resembles Telephone, but is more dwarf. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. \$1.45, pk. \$2.75.

TELEPHONE. 65 days; 3½ feet. Pods and peas very large and showy, the latter being sweet and rich; very productive. Pkt. 10 cts., pt. 20c., qt. 40c., ½pk. \$1.45, pk. \$2.25.

BOSTON UNRIVALED. 65 days. An improved strain of the Telephone. More productive and larger pods. Pods 5 inches in length, each containing 7 to 8 very large Peas. Vines grow of 4½ to 5 feet high. Pkt. 10 cts., pt. 23c., qt. 45c., ½pk. \$1.70, pk. \$3.25.

DWARF CHAMPION. 72 days. Vines 3 feet. Vigorous, hardy and very productive. Pods 4 inches long, straight deep green color, well filled and of unsurpassed quality as a main cropper. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. \$1.45, pk. \$2.75.

HORSFORD'S MARKET - GARDEN. 70 days; 2 feet. Very productive; best quality. One of the most valuable. Pkt. 10 cts., pt. 20 cts., qt. 40c., ½pk. \$1.45, pk. \$2.75.



Extra-Early Telephone Peas



Boston Unrivaled Peas

CRISP RADISHES (Mettig)

To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light, sandy soil suits them best. For the forcing crop, sow seeds in hotbeds in rows 5 or 6 inches apart, and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in midsummer. Summer varieties are best adapted for general crop. An ounce of seed will sow about 75 feet of drill.



Beckert's Chartier Radishes

fine forcerc. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

RED ROCKET, or STARTLE. Olive-shaped; deep scarlet in color; very small top; extremely early. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

WHITE-TIPPED ROCKET. An improved French Breakfast. Olive-shaped; deep rose, tipped white; very early. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

CINCINNATI MARKET. Scarlet; small top; very early and probably the best long red variety for forcing. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. \$1.

ICICLE. The finest long white variety extant; flesh semi-transparent, crisp, mild; excellent for forcing and early outdoor crop. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

EARLY, or FORCING RADISHES

ROSY GEM, or RAPID FORCING. Globe-shaped, deep scarlet, blending into pure white at the bottom. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

DEEP SCARLET, or SCARLET BUTTON. Round; dark red; early and fine forcerc. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

NON PLUS ULTRA, or FIRE BALL.

Small and globular; deep, rich red color; early and fine forcerc. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

EARLY SCARLET TURNIP FORCING.

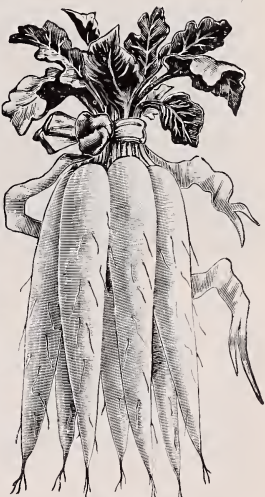
Deep scarlet; tender, mild and crisp; quick-growing; tops small. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

VICK'S EARLY SCARLET GLOBE. Beautiful scarlet; early, crisp, tender and mild; tops small. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

CRIMSON GIANT FORCING. Attains more than double the size of the other forcing Radishes without getting pithy or hollow; flesh firm, crisp and of the mildest flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

WHITE BOX. Turnip-shaped, pure white Radish; early; fine for forcing and outdoors. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30c., lb. \$1

WHITE ROCKET, or EARLIEST WHITE. Olive-shaped; earliest of its class;



Icicle Radishes

MAIN-CROP RADISHES

BECKERT'S IMPROVED CHARTIER. The finest variety in existence; early as Long Scarlet Short Top, but better in quality; will stand far longer, and is in all respects superior to any other Radish in cultivation. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

LONG WHITE VIENNA. Snow-white; flesh crisp, tender and brittle; of rapid growth. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

LONG SCARLET SHORT-TOP. Long, straight and smooth; color very attractive. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

LONG BRIGHT SCARLET. Vivid scarlet, tipped pure white; rapid grower. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

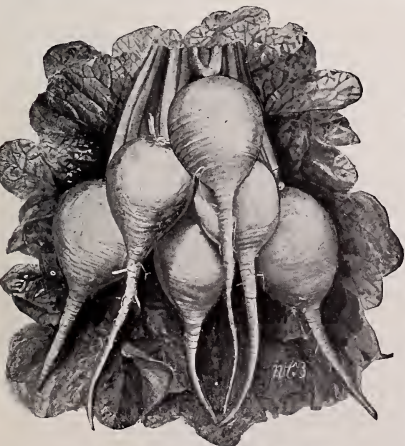
BECKERT'S CHARTIER TURNIP. Local variety of great merit. Pure white, early, remaining tender and solid for a long time. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

GIANT STUTTGART. Very large; globular in shape; pure white; stands heat well. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

GOLDEN GLOBE. Amber color; sweet and crisp; stands heat and drought. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

WHITE STRASBURG. Half-long and thick; skin and flesh pure white. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

OLIVE-SHAPED YELLOW. A second-early sort; small and remains tender for a long time. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.



Beckert's Chartier Turnip Radishes

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Seed. **FOR SHADY PLACES,** sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside of back cover for same and for directions how to make a lawn.



Yellow Dent Corn

VEGETABLE PLANTS AND ROOTS

Those desiring large quantities should write for special prices

ASPARAGUS ROOTS. Strong transplanted three-year-old plants for forcing and for outdoors, when earliest possible results are desired. These roots are so strong and vigorous that they will produce Asparagus for the table one season after planting. 50 cts. per doz., \$2 per 100, \$9 for 500, \$16 per 1,000.

SELECTED TWO-YEAR-OLD ROOTS. 20 cts. per doz., \$1.25 per 100, \$8 per 1,000.

THE FOLLOWING PLANTS, ALL IN THEIR SEASON: Eggplant, Endive, Kohlrabi, Leek, Lettuce, Pepper, Tomato. Ask for prices.

RHUBARB ROOTS. 10 cts. each, by mail 20 cts.; \$1 per doz.

HORSE-RADISH ROOTS, Maliner Kren. A new variety from Bohemia. Far superior to the old variety. Will produce roots for grating five months from planting. White as snow, free from disease and grows to enormous size when left in the ground until spring. 15c. per doz., by mail 30c.; 75c. per 100, \$7 per 1,000.

CHIVES. Per clump 10 cts., by mail 20 cts.; \$1 per doz.

Beets, Brussels Sprouts, Cabbage, Cauliflower, Celery, Celeriac,

MISCELLANEOUS SEEDS

PRICES VARIABLE. To prices of seeds quoted by the pound add 8 cents if they are to be sent by mail

FIELD CORN

Pedigree Seed Corn. Send for samples.

Reid's Yellow Dent. A standard variety. Ears 9 to 10 inches long, 16 to 20 rows. Kernels light yellow, deeply dented. Cob medium size. A heavy yielder and sure to mature. Pk. 50 cts., bus. \$1.75; 2 bus., with cotton sack, \$3.50.

Improved Learning. Long considered one of the best Yellow Dent varieties for grain and fodder. Medium early and sure to ripen anywhere south of central New York. Deep, bright yellow kernels. Cobs small, stalks grow to medium height and often produce two large ears. Pk. 50 cts., bus. \$1.75; 2 bus., with cotton sack, \$3.50.

White Cap Yellow Dent. Has never failed to ripen. Ears large with deep kernels. Yellow in color with a white tip to each kernel. Will produce good crops on poorer soil than other varieties. Pk. 50 cts., bus. \$1.75; 2 bus., with cotton sack, \$3.50.

Early Mammoth Yellow Dent. Truly an early variety for ear of its size. Matures from 100 to 115 days. Grain deep golden yellow. Ears very large. Stalk short and heavily set with broad blades. A very heavy yielder and ripened thoroughly in our section the past season. Pk. 50 cts., bus. \$1.75; 2 bus., with cotton sack, \$3.25.

Golden Surprise. This variety will mature as far north as any Dent Corn grown; ears 8 to 10 inches in length, with deep yellow grains. Pk. 50 cts., bus. \$1.75; 2 bus., with cotton sack, \$3.50.

BUCKWHEAT, Japanese. Bus. \$1.40. **Silver Hull.** Bus. \$1.40.

BEANS, Early Soja. Market price.

CORN, Red Cob Ensilage. Market price.

OATS, White Tartar King. Northern-grown seed. Straw stiff and heavy; heads compact and branching; grain white, short, thick and plump. Has yielded 40 bushels per acre. Pk. 40 cts., bus. (32 lbs.) \$1.30.

Swedish, or Washington. Northern-grown seed; medium-early. Earliest of the heavy-yielding sorts; grain white, kernel large and plump; straw stiff and strong. Pk. 40 cts., bus. \$1.25.

BARLEY, Beardless. Earlier than any other beardless Barley, and a heavier yielder. Pk. 50 cts., bus. \$1.60.

POP CORN, White, Rice, Golden Queen. Pkt. 10 cts., qt. 20 cts.; by mail, 35 cts.

FLAX SEED. Lb. 10 cts., 3 lbs. 25 cts.

MILLET, Southern German, or Golden. Market price.

Japanese. Market price.

Egyptian, or Pearl. An enormous cropper; attains a height of 8 to 10 feet. Sow five pounds per acre. Lb. 12c., 10 lbs. \$1, 100 lbs. \$8.

OSAGE ORANGE. Lb. 40 cts.

PEAS, Canada Field. Market price.

WHEAT, KLONDYKE. A very fine variety. Bus. \$2.25.

RYE. Pk. 40 cts., bus. \$1.40.

RAPE, Dwarf Essex. Lb. 10 cts., 10 lbs. 90 cts., 100 lbs. \$8.

SORGHUM, Early Amber. Lb. 10 cts., 100 lbs. \$3.

BROOM CORN, Evergreen. Lb. 15 cts., 100 lbs. \$6.

KAFFIR CORN, White. Lb. 10 cts., 100 lbs. \$3.50.

VETCHES, Sand, Winter or Hairy. Best fodder crop on poor soil. On good soil makes a growth of 4 to 5 feet. Remains green all winter. Suitable both for spring and fall sowing. Pk. \$1.50, bus. \$5.

COWPEAS, Black, Clay, Wonderful and Whippoorwill. Market price.

SPELTZ, or EMMER. A grain introduced from Russia, adapted to poor soils and dry sections. Has valuable feeding qualities. Market price.



Field of White Tartar King Oats

NORTHERN-GROWN SEED POTATOES

(Rartoffeln) Prices subject to change

Our Potatoes are all choice northern-grown stock, grown especially from seed. We send out no Potatoes in spring before danger of frost is past.

All varieties are sent free by mail at 20 cts. per pound, except where otherwise noted. Prices here quoted are based on present value, and are subject to variation without notice. Barrels contain three measured bushels



The Bovee Potatoes

The Bovee. Early as any Potato yet introduced. In competitive trials with other early sorts it has out-yielded them all. Vine dwarf and stocky; tubers grow very close together in the hills. Pk. 55 cts., bus. \$1.90, bbl. \$5.60.

Early Ohio. Leading early variety; tubers rough in the skin; nearly round, and quite distinct in appearance; cook dry and mealy. Pk. 55 cts., bus. \$1.90, bbl. \$5.60.

Early Six Weeks. Of the Ohio class; extra-early and of good quality while still young. Pk. 60 cts., bus. \$2, bbl. \$5.75.

Irish Cobbler. Good all-round extra-early variety; uniform, productive and fine quality. Pk. 55 cts., bus. \$1.90, bbl. \$5.60.

Rochester Rose. An improvement on Early Rose. Larger in size, fully as early and a heavy yielder. Pk. 53 cts., bus. \$1.90, bbl. \$5.60.

Early Russet. Very early, of rounding oval form; uniform in size and shape. Skin creamy buff, netted golden russet. Pk. 65c., bus. \$2.25.

Country Gentleman. Resembles Beauty of Hebron, but ripens later and yields better crops. Pk. 55 cts., bus. \$1.90, bbl. \$5.60.

Restaurant. A heavy yielder for the main crop; hard to surpass. If you wish to raise a heavy crop of large, handsome Potatoes, this is a good one to plant. Pk. 55 cts., bus. \$1.90, bbl. \$5.60.

Sir Walter Raleigh. New, large, smooth, oblong, white; heavy yielder for main crops. Pk. 50 cts., bus. \$1.80, bbl. \$5.25.

Carman No. 3. A very popular and reliable late variety. Large, oblong, slightly flattened. Pk. 50 cts., bus. \$1.80, bbl. \$5.25.

Early White Albino. This wonderful new early potato is a good



Early Ohio Potatoes

cropper. The skin and flesh are extremely white, of exceptionally good cooking quality and very prolific; fully as early as the old Early Rose in maturing and particularly valuable for the early market by reason of its fine shape and early maturity. The vines grow erect and it is one of the best early varieties to withstand blight and disease. Plant early in good soil and give it good cultivation and pleasing results are sure at harvest time. Pk. 90 cts., bus. \$3.

Snow (White). Sometimes called Poor Man's Friend. On account of the large yields that have been reported of this potato it is rightly entitled to be called the "Poor Man's Friend." It is of handsome shape and most desirable for the best trade. It is a vigorous grower, ripens uniformly, is a good keeper and is fast becoming one of the most popular medium-late varieties. The vines are very heavy, the seed being especially vigorous and tubers always good size where soil is well tilled. Pk. 90 cts., bus. \$3.

Green Mountain, Jr. New White Seedling. Originated by W. E. Johnson in 1905. An imbed Green Mountain; seed boll grown on Green Mountain and pollenized with Green Mountain. It is practically thorough-bred or pure-bred. It has all the parent's good qualities and in general appearance is the same, except it is a trifle whiter in color and the skin is more netted. It grows round to oblong, somewhat flattened; eyes shallow. The sprouts in spring are white and stubby and do not grow very long. Soon after the stalks appear above the surface they branch very much, the broad, dark green leaves lying close to and completely covering the ground, which will kill weeds and grass and have a tendency to hold moisture. It will make a vigorous, rapid growth, set a large number in the hill and mature to the best marketable size a few days earlier than its parent. Pk. 90 cts., bus. \$3.

Norcross. Pure White. Originated in 1895. Seed boll grown on the old Early Rose pollenized with Beauty of Hebron. Late-maturing, somewhat blocky in shape, smooth surface, very excellent table quality, cooking dry and mealy. Grows a thrifty, upright top, with large leaves, and is above the average of the white kinds to withstand blight. Pk. 90 cts., bus. \$3.

SEED POTATOES

Nansemond, or Yellow Jersey. The leading variety. Owing to their perishable nature, we cannot keep them in stock, but supply orders booked in advance. Pk. 60 cts., bus. \$1.75.



Early White Albino

Novelties of 1911 and 1912 in Flower Seeds



Clarkia elegans fl. pl., Scarlet Queen

- AGERATUM MEXICANUM, "CAPELLA."** Decidedly distinct and pretty rosy-chamois color. Habit dwarf and compact. Height 9 inches. Pkt. 20 cts., 3 pkts. 50 cts.
- AMERBERGA MURICATA ROSEA.** Extremely free-flowering hardy annual, producing numerous large centauria-like flowers about 2 inches in diameter, of a pleasing pink color. Flowers borne on long stems. 1½ feet. Pkt. 20 cts., 3 pkts. 50 cts.
- ANTIRRHINUM MAJUS NANUM, "ORCHIDÆFLORA."** The flowers form a striking combination of exquisite delicate colorings, especially light terra-cotta, salmon-rose, apricot, cham- ois, delicate rose, flesh-color, etc. Each individual flower shows a combination of several shades. Pkt. 20 cts., 3 pkts. 50 cts.
- ANTIRRHINUM MAJUS, "DEFIANCE."** A valuable addition to this class. Color vermilion- scarlet. Pkt. 15 cts., 3 pkts. 40 cts.
- ANTIRRHINUM, LARGE-FLOWERING (Hephaestos).** Flowers bright cinnabar-red, marked with small yellow blotch on the underlip. Pkt. 20 cts., 3 pkts. 50 cts.
- ASTER, MAMMOTH, "MAUVE QUEEN."** The color may be described as a rich pearl-gray, nearly approaching the color of "Countess of Radnor" Sweet Peas. The flowers are of perfect form, very large and very double, and on long stems. They are of the Comet class. Pkt. 20 cts., 3 pkts. 50 cts.
- ASTER, "UNICUMS" - Pink, Crimson and Flesh Color.** Their long, filamentous petals extend regularly to all directions and are wonderfully curled in the center. Each, Pkt. 25 cts. One pkt. each of the three colors, 65 cts.
- ARTEMISIA SACCORUM VIRIDIS (Summer Fir).** An ornamental foliage plant from China. Forms grand pyramidal bushes, 3 to 5 feet high. Desirable to grow in groups or borders. Like Kochia, the Summer Cypress. Leaves finely pinnated and rich dark green in color. Pkt. 20 cts., 3 pkts. for 50 cts.
- AUBRIETIA HYBRIDA GRANDIFLORA.** A very floriferous new variety. Easily reproduced from seed, producing large flowers of excessively variegated hues, chiefly in white, pink, lilac, blue and violet shades. Pkt. 25 cts., 3 pkts. 65 cts.
- BIDENS ATROANGUINEA HYBRIDA.** Flowers single, 1¼ to 2 inches in diameter. They vary in all shades from rosy carmine, light and dark crimson, to deep blood-red. Even striped or two-colored flowers are occasionally found. Elegant border plant. 1½ feet. Very valuable for cut-flowers. Pkt. 20 cts., 3 pkts. 50 cts.
- CALLIOPSIS COMPACTA, "TIGER STAR."** Plants compact and very free-flower- ing. Flowers rich bronze, beautifully striped and mottled yellow; extremely showy. A fine bedding plant. Pkt. 15 cts., 3 pkts. 40 cts.
- CINERARIA, "MINIATURE."** This Cineraria is very dwarf and of distinct type. Plants attain a height of 8 inches and are covered with small flowers, which are about 1¼ inches in diameter. Colors are varied and mostly with white centers. Pkt. 25 cts., 3 pkts. 65 cts.
- CELOSIA CRISTATA NANA, "DWARF STREAKED."** Remarkable for its mon- strous size, very regular combs, and the extreme oddness of its colors, which are a mixture in groups of lively tones of yellow, pink, red and violet. Pkt. 25 cts., 3 pkts. 65 cts.
- CLARKIA ELEGANS FL. PL., "SCARLET QUEEN."** The most brilliant of the tall-growing Clarkia. Flowers extremely double. When opening a glowing salmon- orange, changing to an intense salmon-orange-scarlet. Very distinct and pretty. Pkt. 25 cts., 3 pkts. 65 cts.
- CONVOLVULUS ÆTHÆOIDES FLORIBUNDUS.** A beautiful perennial, bushy trailing or climbing plant, with alternated whitish leaves, producing, the whole summer and autumn, erect, bell-shaped flowers, 1 to 1½ inch diameter, which are of a soft pink color. Pkt. 25 cts., 3 pkts. 65 cts.
- DAHLIA, GIANT HYBRIDS.** Magnificent single and semi-double-flowered hybrids with immense large flowers borne on long, strong stems. Pkt. 15 cts., 3 pkts. 40 cts.
- DAHLIA, GIANT-FLOWERED DOUBLE DECORATIVE.** Flowers of immense size. Often 7 to 8 inches in diameter. Very double and of various colors, borne on long and stiff stems, and splendid for cut-flowers. Pkt. 20 cts., 3 pkts. 50 cts.
- JAPANESE DAHLIA, "RIVOIRE."** Extremely gorgeous and varied colors, such as apricot, chamois, red and orange, which are absolutely unique. Flowers are on long and stiff stems and invaluable for cutting. Pkt. 15 cts., 4 pkts. 40 cts.
- DAISY, MAMMOTH RANUNCULUS-FLOWERED.** These giant-flowered red Daisies are most striking show flowers. In form much resemble Persian Ranunculus. A valuable acquisition. Pkt. 25 cts., 3 pkts. 65 cts.
- DIANTHUS, SILVEREDGE.** Forms dwarf, compact, bushy plants. Flowers dark blood-red with a purple hue, and have uniform white edge around the entire flower, which is slightly fringed. Pkt. 20 cts., 3 pkts. 50 cts.
- DIMORPHOTHECA AURANTIACA HYBRIDA.** They vary in color from the purest white to reddish and bluish white tints, sulphur, lemon, golden yellow, light orange, reddish yellow changing to salmon-rose, beautiful salmon shades, from tender salmon to deep salmon-orange, and some with different-colored zones are frequent. Pkt. 25 cts., 3 for 65 cts.
- ECHEVERIA SETOSA.** A rare and exceedingly pretty species. Leaves densely covered with soft white bristles. Flowers bright vermilion, tipped yellow. Pkt. 25 cts.
- FREESIA HYBRIDA RAGIONIERA.** These beautiful and sweet-scented new hybrid Freesias are tinted in shades of pink, rose, purple, blue, violet, orange, sulphur-yellow, brown and other shades, often delicately spotted and veined. Fine for cutting, as the bloom remains fresh for a long time. It sown early, will bloom by midsummer. Bulbs will be offered in our fall catalogue. Pkt. 25 cts., 3 pkts. 65c.



Aubrietia hybrida grandiflora



Giant-flowered Double Decorative Dahlia

FLOWER SEED NOVELTIES, continued

GAILLARDIA, COPPER-RED, LARGE-FLOWERED. This perennial Gaillardia is remarkable for the elegance and largeness of its blooms and for the brilliancy of its uniform coppery red color, toning down to a lighter shade near the point of the petals. Pkt. 20 cts., 3 pkts. 50 cts.

GAILLARDIA LORENZIANA, "THE BRIDE." This new variety we now offer, "The Bride," will be a desirable acquisition. The flowers are white, very double and borne on long stems; very desirable for cutting. Pkt. 20 cts., 3 pkts. 50 cts.

GAILLARDIA, "MASTODON." Giant-flowering. The largest of the perennial Gaillardia. Flowers 3 to 3½ inches in diameter. Petals golden yellow. Pkt. 25 cts., 3 pkts. 65 cts.

GLOXINIA HYBRIDA CRASSIFOLIA CRISPA, "WATERLOO." Produces gigantic-sized flowers with a broad, open throat and seven petals. Edge slightly undulated and ruffled, which renders the flower, in spite of its enormous size, most elegant, and distinguishes it advantageously from the older varieties. Foliage very vigorous and soft green in color. Pkt. 25 cts.

GODETIA GRANDIFLORA LILACINA FL. PL. Plant of pyramidal habit, growing to a height of 2 feet. The long, slender branches are set with numerous flowers of a lilac-rose color, about 2 inches in diameter. Notable for their period of blooming in beds or border. Pkt. 15 cts., 3 pkts. 40 cts.



GODETIA GRANDIFLORA CARMINEA FL. PL. Similar to the preceding, but of a bright carmine color, broadly edged with rose. Pkt. 25 cts., 3 pkts. 65 cts.

GYPHOPHILA PANICULATA FL. PL. A new and extremely vigorous race, producing about 50 per cent of perfectly double flowers of a beautiful pure white color. Pkt. 25 cts., 3 pkts. 65 cts.



Dimorphotheca aurantiaca hybrida (See page 23)

GIANT PANSY, "FATA." New, large-flowering Pansies with undulated petals and of rarest colors. The ground colors of the single petals are generally of a peculiar glistening silver-gray. The markings are in many shades, which are, however, delicate and in harmony with the ground color. Pkt. 25 cts., 3 pkts. 65 cts.

LARGE-FLOWERING PANSY, "GLOBE." Plant dwarf, compact and globular in growth. Flowers large and vary from delicate light blue to darker blue; the petals being undulated, the flowers appear curved and double. Very floriferous and fine for pot culture or the border. Pkt. 25 cts., 3 pkts. 65c.

LINARIA MACDONICA SPECIOSA. Strikingly handsome hardy perennial plants. Very robust; 4½ feet high. Producing in abundance their tall spikes of clear citron-yellow flowers with orange-yellow spots on their lower lip. Fine for cutting. Pkt. 20 cts., 3 pkts. 50 cts.

LOTUS PELLORHYNCUS ATROCOCINEUS. Elegant training greenhouse plant. Very suitable for hanging baskets. Its beautiful, deep scarlet-black blotched Ceanothus-like flowers contrast beautifully with the fine linear glaucous foliage. Pkt. 25 cts., 3 pkts. 65 cts.

PETUNIA HYBRIDA, "EDITHA." Handsome small-flowered Petunia for open-ground culture. 1 to 1½ feet high. Flowers 1½ to 2 inches in diameter. Mostly slightly fringed, of a pleasing rose color, with dark carmine star; veined and netted brilliant carmine. Pkt. 25 cts., 3 pkts. 65 cts.

PETUNIA HYBRIDA GRANDIFLORA SUPREMISSIMA FIMBRIATA INTUS AUREA. Flowers bright crimson and purple, sometimes marked with white. The wide-open throat is marked with yellow and black. The very large flowers are 5½ inches across. Distinctly waved or frilled, while the margin is heavily fringed. Pkt. 25 cts., 3 pkts. 65 cts.

PETUNIA HYBRIDA, "NORMA." Blue, with white star. Plant of medium size and compact habit, and produces its lovely white star-blue flowers in great abundance. Pkt. 25 cts., 3 pkts. 65 cts.

SINGLE POPPY, BLACK PRINCE. Its flowers are of a brilliant blackish brown. Coloration with violet blue to which the almost white stamina and the yellowish green seed germ contrast wonderfully. Pkt. 20 cts., 3 pkts. 50 cts.

RUBBECKIA BICOLOR SOLFATARA. Sulphur-yellow florets with dark brown central disk. Borne singly on long, stiff stems, and average 3 to 3½ inches in diameter. Valuable for cut-flowers. Pkt. 20 cts., 3 pkts. 50 cts.

BLUE SALVIA PATENS COMPACTA NANA. In habit the plant is very bushy, compact and uniform. The long flower-spikes are held well above the foliage. Three to five flowers on a spike are open at one time. A wonderful ultramarine blue, rarely found in any other flower. Pkt. 25 cts., 3 pkts. 65 cts.



Godetia grandiflora carminea

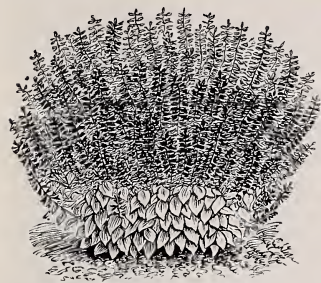


Gypsophila paniculata fl. pl.



Gaillardia, Copper-red

FLOWER SEED NOVELTIES, continued



Salvia Splendens, Perpetual



Schizanthus retusus trimaculatus albus

attractive variety of this showy annual. Flowers $1\frac{1}{2}$ to 2 inches across. Each petal bears on white ground a large pure golden yellow lighter-veined spot, edged with pure white. A fine pot-plant. Pkt. 25 cts., 3 pkts. 65 cts.

RED SUNFLOWER, "HELIANTHUS CUMCUMERIFOLIUS PURPUREA."

A real Helianthus, whose flowers show the red colors so much desired. The whole scale of colors from light pink to the deepest purple is found in these new hybrids. Petals straight and flat, varying with twisted and pointed ones, which are colored in the various shades of purple, forming oftentimes a distinct circle on yellow ground around the dark disk. Pkt. 25c., 3 pkts. 65c.

URBINA PURPUSIS. Beautiful, succulent plant. A native of Mexico. Leaves mottled and edged brownish red on silvery gray ground. Flowers brilliant carmine with yellow tips. Pkt. 25 cts.

VERBENA HYBRIDA COMPACTA, "VESTA." Remarkable showy dwarf Verbena, forming pretty round bushes of strictly upright growth. Flowers large, of brilliant carmine-scarlet, with a clear white center. Pkt. 20 cts., 3 pkts. 50 cts.

NEW GIANT-FLOWERED VERBENA. Excels all other varieties in the size and noble shape of its flower, its rich display of colors and shades. Contains a large percentage of red colors of various shades, such as Tyrian Rose, Purple-garnet, Turquoise Red, Geranium-red, bright Rosy Scarlet. The florets are very large, and have, without exception, a large brilliant white eye, which gives the flower a most effective appearance. Pkt. 25 cts., 3 pkts. 65 cts.

VIOLA CORNUTA "ROSE QUEEN." Large-flowered horned pansy in flower beds. Pkt. 20 cts., 3 pkts. 50 cts.

ZINNIA ELEGANS NANA, "FIRE KING." The plants grow 12 to 18 inches high, are very free-flowering, and the flowers, which are a very deep scarlet, measure 3 to 4 inches in diameter. Pkt. 20 cts., 3 pkts. 50 cts.

ZINNIA, "PERFECTION." A very dwarf variety with small foliage which is overspread with a profusion of small and very double flowers. Mixed colors. Pkt. 15 cts., 3 pkts. 40 cts.

ZINNIA, GIANT DOUBLE. Very double flowers of enormous size, of a diameter of 4 inches and over. White, Golden Yellow, Scarlet, Sulphur-yellow Flesh-color, Crimson, Violet and Purple. Each, pkt. 20 cts., 3 pkts. 50 cts. 1 pkt. each of 8 colors, \$1.25.

SALVIA GLOBOSA. Hardy biennial Sage, forming splendid rosettes of large and deeply cut silvery gray, woolly leaves, $1\frac{1}{2}$ to $1\frac{3}{4}$ feet in length, by 10 to 12 inches in breadth. The globe-shaped inflorescence, appearing the second year, attains a height of 3 feet, producing an innumerable number of large, white flowers. Very effective ornamental foliage plant for the lawn. Pkt. 15 cts., 3 pkts. 40 cts.

SALVIA SPLENDENS, PERPETUAL. Plants very dwarf, compact and bushy. The intensity of its red flowers, their abundance and the duration of their bloom exceeds any other variety. Highly recommended for flower-beds or clumps. Pkt. 25 cts., 3 pkts. 65 cts.

SALVIA SPLENDENS, KING VICTOR EMANUEL III. Plant attains a height of 16 to 18 inches. Rounded in form. Foliage small. When in bloom, its long, bright red, drooping spikes cover the entire plant, so that the inside stems of plants are completely hidden, which cannot be said of other Salvias. Pkt. 20 cts., 3 pkts. 50 cts.

SALVIA SPLENDENS AUREA (Canary Bird). A new variety with yellow spikes on slender stems, contrasting favorably with the dark green foliage of the plant. Pkt. 25 cts.

SALVIA SPLENDENS COMPACTA ALBA. In habit this variety is similar to Salvia Zurich, the difference existing only in color of the flowers, which are showy snow-white. A desirable acquisition. Pkt. 25 cts., 3 pkts. 65 cts.

SALPIGLOSSIS, NEW EMPEROR.—Purple, Violet with Gold. The brilliant velvety violet of this new variety is lovely veined with bright gold. Plant has the same habit as other Emperor Salpiglossis. Pkt. 20 cts., 3 pkts. 50 cts.

SENECIO ELEGANS POMPONICUS CITRINUS. Charming new variety of the Pompon Jacobaeae, with perfectly double, bright citron-yellow flowers. Height 8 to 9 inches. Fine for borders or groups. Pkt. 20 cts., 3 pkts. 50 cts.

DWARF BROMPTON STOCK "BOUQUET." Of dwarf and compact growth. More floriferous than any of the other large-flowering Early Brompton Stocks. The splendid carmine-rose-colored flowers are produced on numerous short and sturdy stalks, literally covering the foliage and forming a bouquet. Pkt. 25 cts., 3 pkts. 65 cts.

STOCKS, LARGE-FLOWERED WINTER, "WHITE LADY."

Produces strikingly large, very double flowers of a lustrous white. Plant about 20 inches high and arrayed in remarkably handsome foliage. Plants throw up a massive central spike, with smaller side spikes, giving the whole a pyramidal form. Blooms early and remains long in flower. P. 25 cts., 3 pkts. 65 cts.

SCHIZANTHUS RETUSUS TRIMACULATUS ALBUS.

A very attractive variety of this showy annual. Flowers $1\frac{1}{2}$ to 2 inches across. Each petal bears on white ground a large pure golden yellow lighter-veined spot, edged with pure white. A fine pot-plant. Pkt. 25 cts., 3 pkts. 65 cts.



Viola cornuta, Rose Queen



Stocks, White Lady

A LIST OF SELECT FLOWER SEEDS

NEWLY REVISED, WITH ADDITIONS OF THE BEST OF THE NOVELTIES OF THE PAST TWO SEASONS

In the following pages are offered a carefully chosen list of **Flower Seeds**, in which no want of the flower-garden has been neglected, the numerous varieties insuring a wide range of color, form, height, habit and season, thus permitting selection for any and every ornamental purpose.

OUR FLOWER-SEED PACKETS are large and lithographed in colors, with addition of printed directions for culture. They contain liberal portions of fresh seeds whose germinating power has been carefully tested.

IN ORDERING, PLEASE USE THE ORDER SHEET that is enclosed in catalogue; by so doing, the filling of orders is speeded, and the chance of errors lessened.

The complete index will contribute to an easy and rapid selection of seeds wanted.

HARDY ANNUALS. Of these some varieties may be sown outdoors during July and August, or in boxes and coldframes during September, either of these methods rendering possible earlier effects than from spring-sown seed. The latter may be sown outdoors in April and May, according to season and condition of soil, or may be sown in a hotbed; the combining of any two methods being advisable, thereby avoiding a possible failure of one sowing, and providing plants for succession if both sowings prosper. Ground under all conditions should be rather light, well manured and thoroughly dug up. When nicely raked and leveled, the coarser seeds sown are to be covered to once or twice their thickness, whilst very fine seeds are to be merely pressed into the soil. All sowings should be firmed with a board or the hand, as this hastens the sprouting of the seeds as well as promoting the regularity of same. With any method, careful attention is required, as soon as seeds are sprouted, that seedlings receive sufficient water, air, etc., according to conditions under which grown.

Half-hardy Annuals, Half-hardy Biennials, Half-hardy Perennials, for early results, may be sown in hotbeds or boxes in March to May, and outdoors after the middle of May, as directed for Hardy Annuals. The Biennials and Perennials must be sown early, to secure bloom the first year.

Tender Annuals can be sown in hotbeds or boxes in warm situations during March, with the desire to secure strong, sturdy plants by May 15 or when danger of frosts has passed. At this latter date they may also be sown outdoors in permanent quarters or be transplanted, as most convenient.

Hardy Biennials and Perennials, which, if sown early, bloom the first year, require the same treatment as Hardy Annuals.

PLEASE NOTE.—That following letters are generally used to designate the class to which a species or variety belongs.

A, designates the Annuals. **B,** designates the Biennials. **P,** designates the Perennials.

B^o designates the Biennials and Perennials that flower the first year if sown early.

T } prefixed to either of above indicates that the species or
H } variety is Tender, Hardy or Half-hardy.

Any species or variety to which no letter or letters are affixed is to be considered a Hardy Annual.

ABUTILON (Flowering Maple) TP^o

These are valuable house plants as well as suitable for the garden. If sown early they will bloom the first season, and plants may be lifted in fall and will flower throughout the winter.

Hybridum maximum. A new race that not only produce extremely large flowers—3 to 4 inches across—in remarkable quantity, but these flowers are upright in position, not pendent as in the old varieties. Colors range from cream to golden-yellow, white to rose, and many intermediate tints. Pkt. 25 cts.

ABRONIA (Sand Verbena). **HHA.** Very neat succulent trailing plant, suitable for rockery or for sunny, dry position. Also pretty for baskets. Mixed, pkt. 5 cts.

ACACIA (Greenhouse Shrub). Very handsome ornamental foliage and showy racemes of flowers. Mixed varieties, pkt. 10 cts.

ACANTHUS, HP. Ornamental foliage plants for the lawn or border, glossy dark green deeply lobed foliage. Succeed in any soil and situation, though largest growth is attained in partial shade. Flower spikes 3 to 5 feet. Mixed, pkt. 10 cts.

ACONITUM (Monkshood, or Wolfsbane) HP

These are hardy herbaceous perennials related to the Larkspurs. They are poisonous if eaten. If sown early, they will usually flower the first year, but flowers are at their best the second year.

Napellus. Dark blue. Pkt. 5 cts.

Pyrenaicum. Distinct pale yellow. Pkt. 10 cts.

ACHILLEA (Yarrow). HP^o. The double pure white-flowered variety, The Pearl is a beautiful hardy perennial that is easily grown from seed, and flowers the first season if sown early. In flower from spring to late autumn. Pkt. 10 cts.

ADONIS

Neat, low-growing plants of the easiest culture; fine in masses and are continuous bloomers.

Æstivalis (Pheasant's Eye). **HHA.** Bright scarlet. Pkt. 5 cts.

Vernalis (Ox-Eye). **HP.** Large yellow starry flowers. Pkt. 5 cts.

ADLUMIA Cirrhosa (Allegheny Vine, or Mountain Fringe). **HB.** A handsome rapid-growing vine with pink flowers. Pkt. 10 cts.

AGERATUM HHA

Extensively used for borders, ribbon lines, etc. Blooms the entire summer. Sow early for best results.

Blue Perfection. Dwarf, large deep blue. Pkt. 10 cts.

Little Blue Star. Very dwarf. 4 to 6 inches. Very suitable for edging. Numerous light blue flowers. Pkt. 10 cts.

Little Dorrit. Dwarf and spreading in habit. Flowers azure-blue. Pkt. 5 cts.

Princess Victoria Louise. Dwarf and compact habit; flowers blue with white center. Pkt. 10 cts.

Snowball. Dwarf and free-flowering; large clusters of pure white flowers. Pkt. 5 cts.

AGRO-STEMMA HHA

Coeli-rosa imbricata (Rose of Heaven). Very free - flowering from July to September. Nice for cutting; rose-colored. Pkt. 5 cts.

Coronaria (Rose Campion). **HP.** Glowing crimson flowers, silvery white foliage. Pkt. 5 cts.



Ageratum, Blue Perfection



Giant Antirrhinum

ANTIRRHINUM (Snapdragon) HP

These bloom the first season if sown early, and make a fine display during the entire season. About 80 per cent of the seedlings come true to color. They form showy beds, whilst the tall varieties form elegant and showy masses of color in the border. The dwarf varieties are suitable for edging and are nice as pot plants.

TALL VARIETIES. These grow to a height of 2 to 2½ ft. Each, pkt. 10 cts., ¼oz. 25 cts.

Giant Chamois-Rose.

Giant Pink. Beautiful pink.

Giant Scarlet. Very brilliant.

Giant Striped.

Giant White Victoria. Pure white.

Giant Yellow and Orange.

Large-flowering Cottage Maid. Coral-pink.

Large-flowering Fairy Queen. Orange-salmon.

Large-flowering Rose d'Or. Salmon-rose.

Large-flowering Salmon-Rose. Golden-rose.

Large-flowering and Giant. Finest Mixed.

LARGE-FLOWERING SEMI-DWARF VARIETIES. This class grows about one-half the height of the preceding. Each, pkt. 10 cts., ¼oz. 25 cts.

Black Prince. Dark crimson.

Coral-Pink. Rich coral-pink.

Golden Queen. Rich yellow.

Queen of the North. Fine white.

Finest Mixed.

ALONSOA. Elegant half-hardy annuals for beds, etc., also nice pot-plants. Mixed, pkt. 5 cts.

APELOPSIS Veitchii (Boston Ivy) HP. A very elegant hardy vine, attaching itself to stone, brick or woodwork. The beautiful foliage acquires rich autumn tints. Pkt. 5 cts., oz. 30 cts.

AQUILEGIA (Columbine) HP

Are general favorites for borders. They will also do well under the shade of trees. They are among the earliest flowering perennials and are very easily grown. Many seedlings vary from the type, but all are beautiful. We offer a very fine collection. 1½ to 2 feet is their average height.

Long-spurred Hybrids. This strain comprises many new beautiful and pleasing shades and combinations, and most effective and striking contrasts in the individual flowers, ranging through all shades of Lavender, Blue, Mauve, White, Yellow, Orange, Scarlet, and bright Rose-Pink. Plants are vigorous and stately in growth, producing abundantly large and elegantly-shaped flowers with long spurs, borne well above the pale green foliage. Pkt. 15c., ½oz. 50c.

California hybrida. Mostly with golden yellow petals. Sepals and long spurs orange-crimson. Pkt. 10 cts., ½oz. 25 cts.

Cœrulea. (Rocky Mountain Columbine.) Flowers large, petals white, sepals deep blue, spurs very long; one of the most beautiful, Pkt. 10 cts., ½oz. 40 cts.

Cœrulea hybrida. Flowers large and long-spurred, and of many beautiful colors. Pkt. 10 cts., ½oz. 40 cts.

Cœrulea hybrida, Rose Queen. Beautiful rose shades with white center. Pkt. 25 cts.

Chrysantha. Large, long-spurred golden yellow flowers. Splendid. Pkt. 5 cts., ½oz. 25 cts.

Chrysantha grandiflora alba. Very large and long pure white flowers. Pkt. 10 cts., ½oz. 30 cts.

Chrysantha fl. pl. Flowers large and double, and beautiful golden yellow in color. Pkt. 10 cts., ½oz. 25 cts.

Zeppeleni. Beautiful double white corolla, with blue calyx. Pkt. 25 cts.

Vulgaris fl. pl. Double varieties mixed. These will give an abundance of odd and very pretty flowers. Pkt. 5 cts., ¼oz. 15 cts.



Long-spurred Hybrid Aquilegia

Asters, China HHA

Asters now rival the Chrysanthemum in form and colors, and are the leading cut-flower from midsummer until the appearance of the Chrysanthemum. They delight in rich, moist soil, and for the largest and finest-colored flowers frequent rains or waterings are required. For successful flowers sow seed from March to June. We offer the best strains and varieties.

Queen of the Market. One of the most popular varieties, being extra early. Flowers of good size and substance, and borne on long stems. July. 1 ft. Each, pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts.

Crimson.	Pink White.	Salmon-Rose.
Dark Blue.	Peach Blossom.	Seal-red.
Deep Scarlet.	Pink.	Flint Mixed.
Lavender-Blue.		

Snowdrift. An early pure white variety. Flowers recurved, large and feathery, borne on long slender stems. July. 2 ft. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.

Daybreak Type. The plants of this very popular variety are strong, compact growers and very profuse bloomers. Flowers borne upright on long, stiff stems. Season August, height 18 in.

Daybreak. Beautiful shell-pink, globe-shaped and very double. Stems strong and upright. One of the best varieties both for bedding and cutting. August. $1\frac{1}{2}$ ft. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.

Purity. Very double pure white flowers; in all respects, a counterpart of Daybreak. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.

Lavender Daybreak. Habit of growth similar to Daybreak, but the flowers are larger, always full to the center, and of a most beautiful shade of lavender. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.

Salmon King Daybreak. Beautiful salmon, a novel and very pleasing shade, in other respects identical with its parent. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.

Yellow Daybreak (Lemon Drop). A decided yellow. Flowers not quite as large as its parent, but very perfect and symmetrical in form. Pkt. 10 cts., $\frac{1}{2}$ oz. 75 cts.

Invincible, or Carlson Early Branching. Possesses all the desirable qualities of the late branching Aster, but comes into bloom about ten days earlier. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts.

Crimson	Pink	Rose.
Light Blue.	Purple.	White.
Peach Blossom.	Rose-Pink.	Flint Mixed.

Sample's or American Branching. A fine late strain brought to a high standard by careful selection. Excellent cut-flower variety. 2 to $2\frac{1}{2}$ ft. September. Each, pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts.

Crimson.	Rose-pink.	Pure White.
Dark Blue.	Shell-pink.	Finest Mixed.
Lavender.	Salmon-rose (new).	

Violet King. Of the late branching type. Bloom round, full and very large, and of a soft violet shade. Stems long and stiff. August and September. 2 to $2\frac{1}{2}$ ft. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts.



Daybreak Asters

Comet Express, or Early Hohenzollern. Very early. Flowers large and double, borne on long stems, habit branching and free-flowering. Season July. Height $1\frac{1}{2}$ ft. Each, pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.

Crimson.	Mauve.	Salmon-Blush.
Dark Blue.	Rose.	White.
Light Blue.	Rosy Pink.	Flint Mixed.

Lavender Gem. Large, loose flowers of a beautiful lavender shade, deepening with age. Stems long and wiry. July. $1\frac{1}{2}$ ft. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.

White Fleece. One of the best of the large-flowering early white Asters. Plants erect and branching; flowers very large and pure white; petals long and recurved. Season July. Height $1\frac{1}{2}$ ft. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.

Giant Comet, or Ostrich Plume. Very large flowers. Petals curled and twisted, resembling a Chrysanthemum. Admirable for vases and table decoration. $1\frac{1}{2}$ to 2 ft. August. Each, pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.

Perfection. Pure white.		
Queen of Spain. Yellow, turning to flesh color.		
Salmon-Rose. Distinct color.		
Crimson.	Light Blue.	Finest Mixed.
Dark Blue.	Silver-Gray.	

Comet Goliath. Flowers very large, of various colors. The largest and finest exhibition variety in existence. Season medium. August. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.

Crego's Giant Asters. These are giant Comets of a much improved type. Flowers of the largest size with long stems. Plants very vigorous growers and very floriferous. August and September. Height, 2 to $2\frac{1}{2}$ ft. Each, pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts.

Crego's Giant Lavender. A charming color.
Crego's Giant Pink. Pure shell-pink color.
Crego's Giant Purple.
Crego's Giant Rose-pink. Flowers very large and of fine form.
Crego's Giant White. One of the late White Asters.
Crego's Giant Mixed.

Mikado Pink, or Rochester Aster. An exquisite shade of lavender pink. Petals narrow, very long and gracefully reflexed. Flowers $4\frac{1}{2}$ to 6 inches in diameter. Borne on long stems. Season medium. Height $1\frac{1}{2}$ ft. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts.

Mikado White. Flowers pure white and of immense size. Petals curled and twisted in center of flower. Season medium. Height $1\frac{1}{2}$ ft. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.

Hercules. A gigantic Aster of the Ostrich Plume type. Flowers pure white, petals long and wavy, giving it the appearance of a Chrysanthemum. Season medium late. 2 ft. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.



Aster, Sample's Shell-Pink



Victoria Asters

ASTERS, continued

Hohenzollern Giant. This is a class of giant-flowering varieties, measuring 6 to 7 inches across the flower. Petals long and wavy and of graceful form. Fine strong stems. Fine for cutting. Season medium. 2 ft. Each, pkt. 10 cts., ½oz. 40c.

Brilliant Rose. Light Blue. Peach Blossom.

Crown Prince. Brilliant Dark Blue. Finest Mixed.

carmine. Pure White.

Victoria. Large, showy flowers, perfectly double. Petals overlapping regularly, forming a very showy bloom. Habit pyramidal. Excellent for cutting. August, September. 1½ ft. Each, pkt. 10 cts., ½oz. 50 cts.

Blush Queen. Salmon-blush. Miss Roosevelt. Buff-yellow, center deeper yellow.

Salmon Queen. Delicate salmon-pink.

Azure-Blue. Dark Blue-Red.

Dark Blue. Fiery Scarlet.

Pure White. Finest Mixed.

Giant Victoria Washington, or Jubilee. A very large form of the preceding. Flowers 5 to 6 inches in diameter. 1½ to 2 ft. August, September. Finest Mixed, Pkt. 10 cts., ½oz. 50 cts.

Pony-flowered Perfection. Flowers very double, of fine globular form, and beautifully incurved. 1½ ft. August. Each, pkt. 10 cts., ½oz. 40 cts.

Amethyst. Lovely sky-blue. Surprise. Apricot, shaded flesh. Pure White.

blue. Crimson. Pink.

La Superb Rose. Fine color. Dark Blue. Finest Mixed.

Lady Roosevelt. Flowers incurved like a chrysanthemum. Of an immense size and gorgeous pink in color. Borne on long, stout stems. 40 inches in height. Pkt. 10 cts., ½oz. 50 cts.

Pink Beauty. (Sada Yako.) Flowers very large and double. Inner petals incurved. Outer reflexed. Color delicate blush-pink. Stems long, strong and erect. August and September. 2 ft. Pkt. 10 cts., ½oz. 50 cts.

Sunlight. Finely formed sulphur-yellow flowers, 3 to 4 inches in diameter, on long stems. Season medium. 1½ ft. Pkt. 10 cts., ½oz. 50 cts.

Ray. Very large flowers with slender quilled petals on long, elastic stems. Season medium. 1½ to 2 ft. Pkt. 10 cts., ½oz. 50 cts.

Aster Perennial. (Michelman Daisies.) Single-flowering, hardy, herbaceous plant. Large-flowering, mixed, pkt. 10 cts., ½oz. 50 cts.

ASPARAGUS TP

Very graceful plants extensively grown for cutting, the foliage being used in all designs, bouquets, etc.

Plumosus nanus. Beautiful fern-like sprays of foliage. Pkt. 25 cts., 100 seeds 90 cts.

Sprengeri. Makes a beautiful basket and useful for cutting sprays. Pkt. 10 cts., 100 seeds 50 cts.

ANEMONE (Windflower) HP

Lovely flowers in many shades of scarlet, blue, purple and white, flowers are 2 inches and over in diameter and durable; elegant for cutting.

Double Chrysanthemum-flowered. Beautiful flowers in fine mixture. Pkt. 10 cts.

St. Brigid. Produces double and semi-double flowers in a wonderful array of colors. Pkt. 15 cts.

ANCHUSA Italica (Dropmore Variety). HP. A great improvement on the type. Vigorous branching habit, producing large blue flowers in abundance during June and July. Pkt. 10 cts.

ARABIS alpina grandiflora superba. HP. Very free, spring-flowering plant, with verberna-like heads of snow-white flowers, 3 ft. Pkt. 25 cts.

ALYSSUM

Annuals and perennials that are favorites for cutting for bouquets as well as for edging boxes, baskets, etc.

Benthani (Sweet Alyssum). Small white, honey-scented flowers. Pkt. 5 cts., oz. 25 cts.

Benthani compactum (Little Gem). Compact, erect-flowering variety. White. 4 to 6 in. Pkt. 5 cts., oz. 30 cts.

Benthani procumbens (White Carpet, or Dwarf Bouquet). Only a few inches high. Of a spreading habit. Pkt. 10 cts., oz. 50 cts.

Saxatile citrinum. HP. Dwarf and bushy. 1 ft. Masses of pale yellow flowers in spring. Pkt. 5 cts., ¼oz. 25 cts.

AMARANTUS

Tender decorative annuals, useful for border plants, center of beds and among shrubbery. They are strong growers and should have 2 to 3 feet space per plant. Height 2 to 3 feet.

Aurea. Leaves long and arching, green and bronze at the base, coloring toward the top to rose-yellow, red and green. Pkt. 10 cts.

Brilliant. Bright red, tips of branches carmine-rose, red and yellow. Pkt. 10 cts.

Caudatus (Love-Lies-Bleeding). Blood-red. Drooping racemes. Pkt. 5 cts.

Tricolor splendens (Joseph's Coat). Foliage scarlet-yellow and green. Pkt. 5 cts.

ANGELONIA grandiflora alba. TP. A graceful greenhouse perennial that flowers the first season from seed. Numerous pure white flowers produced throughout the winter. A nice house-plant. Pkt. 25 cts.

ARCTOTIS grandis. TA. Very bushy and free-flowering. Pure white, many-petaled flowers with colored stamens forming a lavender center, surrounded by narrow zone. Under side of petals lilac. Pkt. 10 cts., ½oz. 25 cts.

BALSAM (Lady's Slipper) HHA

Give brilliant masses of beautiful flowers for little care. Plants about 2 ft. in height; transplanting dwarfs them and renders the flowers more double. Some are as double and perfect as camellias, ranging through all dark, brilliant and delicate colors.

Double White Perfection. Pure white, large and full to the center. Pkt. 10 cts.

Deñance. Camellia-flowered, very large, double and full-centered. Petals reflexed. Plant symmetrical and very floriferous. Finest mixed. Pkt. 5 cts., oz. 50 cts.

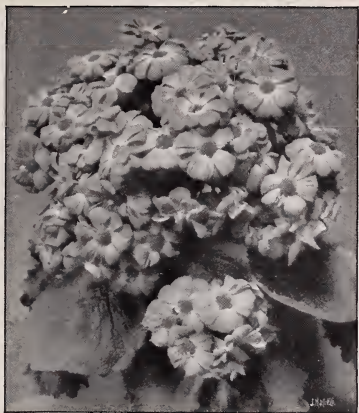
BALLOON VINE (Cardiospermum). A rapid-growing annual climber. White flowers succeeded by balloon-like seed-vessels, 10 to 15 ft. Pkt. 5 cts., oz. 25 cts.

BEGONIA HHP

The many improvements in this family now permit their use for almost any desired end. The tuberous-rooted varieties are beautiful house-plants and very useful as bedding plants. The Semperflorens varieties are excellent bedding plants, are equally valuable as pot plants for decorative purposes and afford nice sprays for cut-flowers. Some of the varieties form very charming plants for baskets, etc., whilst the Rex section and others supply elegant foliage subjects.



Balsam



Cineraria hybrida grandiflora (see page 32)

COLEUS

Hybrida. TP. Splendid foliage varieties from a superb collection. Pkt. 25 cts.

Bizarre Hybrids. Very showy with peculiar color combinations. Vivid copper-colored fiery red and pink, purple, violet-brown, etc. Good growth displays their character with fifth to sixth leaf. Pkt. 50c.

Large-leaved Dwarf. Finest Mixed. Saved from new superbly variegated sorts. Pkt. 25 cts.

CONVOLVULUS

Minor (Tricolor). Beautiful hardy annuals that delight in sun and are very showy in beds, borders and on rockwork. 1 ft. Mixed colors. Pkt. 5 cts.

Major. See *Ipomoea*.

Mauritanicus. HHP°. Violet-blue. Very neat and nice for baskets, etc. Pkt. 10 cts.

CALANDRINIA umbellata. HHA. Is a charming trailing plant with glowing crimson flowers; does best in dry soils, rockwork, old walls, etc. $\frac{1}{2}$ ft. Pkt. 5 cts.

CORDYLINÉ

(*Dracaena*) TP

Graceful foliage plants, fine subjects for vases, center of beds, etc.

Indivisa. A popular plant for vases. Pkt. 10 cts.

Indivisa Veitchi. Handsome purplish red foliage. Varies somewhat. Pkt. 15 cts.

Indivisa Parei. New. Long, broad leaves, bright green, with red midrib. Pkt. 25 cts.

COREOPSIS HP

Grandiflora. Large golden yellow flowers from summer to autumn. Valuable for cutting and a fine border variety. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Grandiflora compacta. A new compact form of the preceding variety, non-branching, each stem emerging direct from the root. Fine large yellow flowers. Pkt. 10 cts.



Coreopsis grandiflora

COSMOS HHA

Mexican plants with handsome cut foliage and graceful long-stemmed showy flowers, known as Mexican Dahlias. The Mammoth varieties should be sown early and the growth pinched when well established. This checking of the growth, as with Dahlias, induces early-flowering, thereby avoiding frosts, which otherwise may overtake them. The pinching will also render plants more sturdy and compact and provide a larger number of blooms.

Early-flowering. Strain of great beauty, flowering from July till frost. **White, Pink and Crimson.** 4 ft. Each, pkt. 10 cts., $\frac{1}{4}$ oz. 25c.

Dawn. Semi-dwarf habit. Large pure white, tinted rose; early and free-flowering. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Klondike. Flowers orange-yellow; early and continuous bloomer. Also nice as a pot-plant. 4 ft. Pkt. 10 cts.

Lady Lenox. Very large flowers 5 to 6 inches in diameter, of a beautiful shell-pink. Elegant for cutting. 6 ft. Pkt. 10 cts., $\frac{1}{4}$ oz. 25c.

Mammoth Perfection. Very fine large-flowered varieties attaining a diameter of 4 inches.

White, Pink, Red and Mixed. Each, pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

CUPHEA platycentra (Cigar Plant). TP. Black and scarlet; very free-flowering. A handsome pot-plant and nice for vases, baskets, etc. 1 ft. Pkt. 25 cts.



Cosmos, Lady Lenox

CYCLAMEN HHP°

A popular pot-plant for winter and spring-flowering; blooms are very freely produced and last a long time. Seedlings bloom in eight to ten months.

Giant-flowered (Persicum giganteum). Best strain; orchid-flowering. **Giant Deep Crimson, Giant Deep Rose, Giant Pink, Giant White, Giant White** with red eye, **Giant Mixed.** Each, pkt. 25 cts., 100 seeds \$1., 1,000 seeds \$8.

CYPERUS TP

Alternifolius. Well known as Umbrella Plant. Ornamental foliage and a fine house plant. Also suitable for aquaria, etc. Nice plants are easily grown from seed in ten to twelve weeks. 2 ft. Pkt. 10 cts.

Alternifolius nanus compactus. A dwarf bushy form of the preceding, equally valuable. Pkt. 25 cts.

DATURA Cornucopia (Thorn Apple, or Trumpet Flower). HHA. This is a very sweet-scented double form having two cones, one within the other, interior white, exterior violet-purple. $1\frac{1}{2}$ ft. Pkt. 5 cts.



Lemoine's Giant Heliotrope

PERENNIAL ORNAMENTAL GRASSES

- ANDROPOGON argenteus.** A fine border plant with silvery plumes. 5 ft. Pkt. 10 cts.
- ARUNDO Donax Var.** (The Variegated Giant Reed). Fine for groups. 12 ft. Pkt. 10 cts.
- ERIANTHUS Ravenna.** **HHP.** Fine silvery plumes. Violet shaded foliage. 9 ft. Pkt. 5 cts.
- EULALIA zebrina.** Leaves barred, yellowish white. 4 ft. Pkt. 5c.
- GYNERIUM argenteum** (Pampas Grass). Graceful for borders; beautiful silvery plumes. 8 to 10 ft. Pkt. 5 cts.
- STIPA pennata** (Feather Grass). Silvery white feathery plumes. 2 ft. Pkt. 5 cts.

GYPSOPHILA (Baby's Breath)

Annuals and perennials that will flower the first season. All have graceful panicles of small flowers that are elegant for cut-flower purposes.

Gypsophila grandiflora alba. An improved large-flowered white form. Pkt. 5 cts., oz. 30 cts.

Paniculata. **HP.** The perennial variety that is easily grown from seed, equally useful for cutting, and a fine border plant. Branches may be used for winter bouquets. 3 ft. Pkt. 5 cts., 1/4oz. 15c.

HELIANTHUS (Sunflower)

The larger forms of these are very useful for subtropical effects, whilst the dwarfier small-flowered varieties are at home in the border. The miniature varieties are very nice for cutting.

ANNUALS

Chrysanthemum-flowered. Very double golden yellow flowers, resembling Chrysanthemums. Height 7 ft. Pkt. 5 cts., oz. 40 cts.

Double Orange (*H. globosa fistulosa*). Extra-large, very double flowers. 5 ft. Pkt. 5 cts., oz. 20 cts.

Globe of Gold. Dwarf double orange flowers. 4 ft. Pkt. 5 cts., oz. 25 cts.

Multiflorus. (1,000-Flowered). Branches covered with golden yellow double flowers. 8 ft. Pkt. 5 cts., oz. 25 cts.

Cucumerifolius (Miniature). Very nice plants, bushy in habit and producing many flowers during a long period. Very nice for cutting. Long stems. 3 ft. Pkt. 5 cts., 1/4oz. 15 cts.

Cucumerifolius diadem. Sulphur-yellow, black disc. 3 ft. Pkt. 5 cts., 1/4oz. 15 cts.

Cucumerifolius Orion. Deep yellow; long, twisted petals. 4 ft. Pkt. 5 cts., 1/4oz. 15 cts.

ANNUAL HELIANTHUS, continued

Cucumerifolius, Stella. An improvement on the type. Large deep yellow flowers with a dark disc. 2 ft. Pkt. 5 cts., oz. 30 cts.

Cucumerifolius, Double. Star-shaped; twisted petals; cactus-dahlia-like. Pkt. 10 cts., 1/4oz. 25 cts.

Perennials Mixed. Many varieties. Beautiful plants for borders, etc. 3 1/2 to 6 ft. Pkt. 10 cts., 1/4oz. 50 cts.

HELIOPSIS Pitcheriana. **HP.** Deep golden yellow flowers, produced throughout the summer. 3 ft. Pkt. 10 cts., 1/4oz. 20 cts.

HELIOTROPE

Lemoine's Giant Hybrids. **TP.** Flowers vanilla-scented, very free-flowering, and colors range from white through violet and blue. 1 1/2 ft. Pkt. 10 cts.

Midnight. Very dark foliage, stems black, flowers a lovely purple, variegated with white and light purple. Pkt. 10 cts.

HIBISCUS

Africanus major (Black-eyed Susan). Cream-colored flowers, rich brown center and golden stamens. 1 1/2 ft. Pkt. 5 cts.

Crimson-eyed. **HHP.** Large pure white flowers, with a velvet-crimson center. 4 ft. Pkt. 10 cts.

Golden Bowl. **HHP.** Large cup-shaped cream-yellow flowers with a rich maroon center. An early and continuous bloomer. Pkt. 10c.

Manihot. **HHP.** Will flower the first season from early sown seed. Large soft yellow flowers, crimson-maroon eye. 4 ft. Pkt. 10c.

HOLLYHOCKS (Althaea)

These are old-time favorites, beautiful for a background, lawn groups, or for screens. Older forms will frequently flower from fall-sown seed, but require a good season to do so.

ANNUALS (*A. semperflorans*) **HP**

These as named are everblooming, lasting from June to frost. This continuous flowering is attainable only in the second season. They are really early-flowering perennials.

Double. In fine varieties. 4 to 10 ft. Pkt. 10 cts., 1/4oz. 50 cts.

PERENNIAL HOLLYHOCKS

Allegheny Mammoth Fringed. **HP.** Very large loosely formed flowers, finely fringed. Early sown seed will flower the first season. 7 ft. Pink, Shell-pink, Red, Salmon, Maroon, Mixed. Pkt. 10 cts., 1/4oz. 30 cts., oz. \$1.

Chater's Double Superb. In splendid mixture. Pkt. 10 cts., 1/4oz. 50 cts., oz. \$1.75.

Finest Double. A percentage flower the first season from previous fall-sown seed. 5 to 8 ft. **Crimson, Salmon-Rose, Maroon, Pink, Salmon, Scarlet, White, Yellow and Mixed.** Each, pkt. 10 cts., 1/4oz. 40 cts., oz. \$1.40.

Single Mixed. Pkt. 10 cts., 1/4oz. 30 cts., oz. \$1.



Sunflower (Helianthus)



Double Hollyhocks

HUMULUS HHA

All varieties are rapid-growing ornamental climbers.

Japonicus. Growing to 30 feet in a season. Pkt. 5 cts.

Japonicus variegatus. Cream-white variegation on a deep green ground. Matures in one season. Pkt. 5 cts.

HUNNEMANNIA Fumarifolia (Giant Yellow Tulip-poppo) **HA.** Produces in profusion large yellow poppy-like blossoms. In bloom from mid-summer until frost. Pkt. 10 cts. 1/2 oz. 25 cts.

IMPATIENS

Holstii, HHP². Beautiful varieties, being particularly desirable for bedding, borders or pots. They form very compact plants about 1 foot high and 1 foot in diameter, beautiful glossy green foliage and thickly dotted over with flowers, constantly in flower until frost. **Vermilion, White, Red-eyed, Rose, Carmine, Lilac, Dark Scarlet, Dark Violet** in fine mixture. Pkt. 25c.
Sultani Mixed Hybrids. Pale rose to red and violet. The last three classes may be lifted in fall and will flower nicely during the winter and spring. Pkt. 25 cts.

KUDZU VINE (Th.) Pueraria. HP. Very rapid grower, large leaves wistaria-like, fragrant flowers. Pkt. 10 cts.

LANTANA HHP²

Verbena-like clusters of flowers, some changing color as the bloom ages. They are handsome bedding plants and beautiful for pots. The habit of the new hybrids is a great improvement, these being nice dwarf and compact plants. Seed may be sown as late as March.

Hybrida Mixed. Orange and red varieties. Pkt. 10 cts.

Hybrida Pictavi Hybrids. New dwarf varieties of compact habit, and in rich variety of colors. 3/4 ft. Pkt. 15 cts.

Hybrida compacta. New dwarf varieties. Fine mixed. Pkt. 10 cts.

LARKSPUR (Delphinium) HA²

The name Larkspur is usually applied to the annual class of Delphiniums. These form very showy bedding plants that bloom freely during the summer months. Their flowers are very bright, mainly shades of blue, purple, rose, violet and white. They are durable and elegant for cutting. The seedlings should be thinned out early, to secure the fine branching habit now common to most of the strains offered.

ANNUAL DELPHINIUMS

Dwarf Double Rocket. These are among the first to flower. Very choice strain, tints of blue, lilac, violet, rose, white and mixed. Fine for bedding. 1 ft. Pkt. 5 cts., oz. 25 cts.

Tall Double Rocket. Fine mixed, many shades. 2 ft. Pkt. 5 cts., oz. 25 cts.

Giant Hyacinth-flowered. Fine mixed, about eight colors; fine double flowers. These flower shortly after the Double Rocket and Stock-flowered varieties. 2 ft. Pkt. 5 cts., oz. 25 cts.

See inside back cover about using our Evergreen Lawn Seed for a perfect lawn

IPOMOEAS

Moonflowers, Morning-Glories, Cypress Vines, etc.

Are all members of a large genus of plants mainly of climbing habit. They are of rapid growth and produce a wonderful show of foliage and flower. All easily grown from seed. The seeds of Moon Vine and Japanese Morning-Glory should be soaked in water 24 hours before sowing.

MOONFLOWER (*Ipomoea Bona-Nox*) TA

Mexicana grandiflora. Very large, pure white flowers, opening in the evening and on dark, cloudy days. Very rapid grower. Will reach out 30 to 40 feet. Soak seeds or preferably cut a notch through the hard shell; will germinate in 12 to 15 days. Pkt. 10 cts., oz. 60 cts.

Grandiflora Hesperus. A new very large-flowered white. Pkt. 10 cts.

MORNING-GLORIES (*Convolvulus major*)

The Morning-Glory is always satisfactory as a vine for almost any purpose and thriving in any soil. Mixed. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts.

Morning-Glory. In separate colors: **White, White striped Rose, Carmine, Dark Red, and Light Blue.** Each, pkt. 10 cts., oz. 25 cts.

Heavenly Blue. Large heart-shaped leaves. Flowers azure-blue, shading to white at margin. Pkt. 10 cts.

Brazilian Morning-Glory (*I. setosa*). **TP².** Of luxuriant growth, leaves often measuring 10 to 12 inches across; flower salmon-rose color. 4 to 5 inches in diameter. Ornamental seed-pods. Pkt. 10 cts.

JAPANESE MORNING-GLORY. HHA. These are wonderful in the colorings and markings of the flowers as well as for the variety of form and variegation of foliage. The colors run from white through all the shades of blue and purple, rose to dark red, etc. Flowers are also striped, marbled, blotched, margined, etc. some fringed. The foliage of many is beautifully variegated. Soak seeds before sowing. Early pot-sown seeds are recommended for best results.

Super Mixed, Single Imperial. Pkt. 5 cts., oz. 25 cts., 2 ozs. 45 cts.

KOCHIA tricophylla (Burning Brush, Summer Cypress, etc.) **HHA.** A very handsome symmetrical plant, forming beautiful globose specimens without any pruning or pinching; leaves assume crimson tint in fall. 3 ft. Pkt. 10 cts.



Imperial
Japanese
Morning-
Glories



Tall Double Stock-Flowered Larkspur

ANNUAL DELPHINIUMS, continued

Tall Double Stock-flowered. Tall, branching. These are early varieties, fine for borders or among shrubs and useful for cutting. Beautiful shades. 2½ ft. Mixed, pkt. 5 cts., oz. 30 cts.

Dark Blue. Flesh Color. Lilac. White.

Dark Rose. Light Blue. Red.
Each, pkt. 10 cts., ½ oz. 20 cts., oz. 60 cts.

LATHYRUS latifolius (Everlasting Pea). **HP.** Hardy and very showy climbing vines, suitable for screens, trellis, etc. Flower all summer. **Large-flowering White, Red and Rose Mixed.** Pkt. 10 cts., oz. 30 cts.

LEPTOSIPHON Hybrids, French. Brilliant shades from scarlet to yellow and white. Exquisite for edging, rockwork, etc. ½ ft. Pkt. 10 cts.

LINARIA

Cymbalaria maxima (Kenilworth Ivy). **HP.** Glossy ivy-like foliage. New large-flowered varieties. Color white to rose. Very neat trailing plant for boxes, baskets, etc. Pkt. 10 cts.

Maroceanna, Excelsior. **HA.** Varied and beautiful colors, ranging from white to yellow, pink and blue. Very effective. Pkt. 25 cts.

LINUM (Flax) grandiflorum rubrum and roseum. Annuals. Free-flowering and showy. The red and rose-colored form of annual Flax. Successive sowings will produce a wonderful show throughout the season. 1 ft. Pkt. 5 cts.

LOBELIA

Annuals and perennials that are extensively used for bedding, being invaluable for blue edging. Also elegant for baskets, pots, etc. Requires a good soil for best effect.

Ramosa. Tall, graceful varieties, erect in habit, and flowers much larger than most other species. Very nice pot-plants and good for borders or large beds. Sky-Blue, Rose, White, Mixed. ¾ to 1 ft. Pkt. 10 cts.

LOBELIA, continued

Speciosus, White Lady. Trailing large white flowers of elegant habit, suitable for beds, borders and vases. Pkt. 5 cts.

Gracilis. Light blue flower, bright green foliage. Trailing. Pkt. 5 cts.

Compacta, White Lady. Large-flowered, fine white. ½ ft. Pkt. 10 cts.

Compacta, Crystal Palace. Foliage dark. Flower rich, deep blue. The best bedder. Pkt. 10 cts., ½ oz. 50 cts.

Compacta, Emperor William. Deep blue, dwarf and nice. Pkt. 10 cts.

Erinus Hamburgica. An elegant new variety, especially useful for baskets, vases, etc., forming 12- to 15-inch long shoots, hanging gracefully over the sides. Pkt. 25 cts.

Cardinalis robusta grandiflora. **HP.** Thick, large spikes of handsome brilliant scarlet flowers. 1½ ft. Pkt. 25 cts.

LOPHOSPERMUM scandens. **HP.** Neat climbing plants with gloriole-like, rosy purple flowers for verandas, etc., also useful for boxes, vases, etc. 10 ft. Pkt. 10 cts.

LOTUS peltorhynchus. **HHP.** A trailing species with silvery foliage and bright coral-red flowers, for baskets, pillars, trellis, etc. Pkt. 25 cts.

LUNARIA biennis (Honesty; Moonwort). **HB.** Very nice spring-blooming plants, do best in shady, moist situations. The seed-pods are prized for their beautiful silvery appearance for winter decoration. Lilac-purple flowers. 2 ft. Pkt. 5 cts.

LUPINUS (Lupines; Sun-Dial)

Old-fashioned favorites that thrive in almost any soil or situation. Some species are extensively used for forage and improvement of poor soils. The taller varieties are useful for the border and dwarfier sorts for bedding.

Hartwegii. **HA.** This class is a great improvement on the old form. Very showy and nice for cutting. **Blue, Rose, White and Red Mixed.** 2 ft. Pkt. 5 cts., oz. 25 cts.

Hybridus atrocoecineus. **HA.** Lovely crimson with rose and white. 2¼ ft. Pkt. 5 cts., oz. 15 cts.

New Hybrids. **HA.** All beautiful. 5 ft. Pkt. 10 cts.

Arboreus (Tree Lupine). **HP.** These are strong, bushy varieties that will supply cut-flowers for a long time. Pkt. 10 cts.

Polyphyllum roseum. **HP.** Flowers in showy rose-colored spikes. Pkt. 10 cts.

LYCHNIS, Haageana Hybrids. **HP.** Beautiful shades in mixture. Flowers are in form like a Maltese cross. They are suitable for borders and rockwork. 1 ft. Pkt. 10 cts.



Marigold, Eldorado



Nemesia strumosa grandiflora

NEMESIA

These are delightful little plants for edging, free-flowering and blooming for a long time. Should have good, rich soil. Seed sown outdoors in May germinates readily and can be thinned to 6 or 8 inches. Indoor sowings germinate slowly. The combinations of color in the flowers are very attractive and quite distinct in tone.

Strumosa nana compacta grandiflora. This is a large-flowered dwarf bushy strain in charming mixture. Very nice for edging. Free. ½ ft. Pkt. 25 cts.

NIGELLA

Elegant flowers partially enclosed in fine-leaved bracts. Seed-pods of some are curiously horned, the black seeds are aromatic and culinary.

Damascea fl. pl., Miss Jekyll. Neat fennel-like foliage; beautiful sky-blue flowers that are produced on every growth. Fine for cutting, or as pot-plants. 1½ ft. Pkt. 10 cts.

Hispanica, Love-in-a-Mist. Very nice old-fashioned annual. Pale blue flowers, curious seed-pods. Foliage nicely cut. Pkt. 5 cts.

Mixed Sorts. Pkt. 5 cts., oz. 25 cts.



Nicotiana glauca Hybrids

NICOTIANA (Tobacco) HHA

The following varieties are beautiful flowering plants and handsome for borders.

Afinis. A lovely white flower that opens mornings and evenings and during cloudy weather. If placed near the dwelling its delightful perfume may be fully enjoyed. 2½ to 3 ft. Pkt. 5 cts., ¼oz. 15 cts.

Afinis Hybrids. Various pretty colors, white to rose, lilac, red, etc. This, like the type, may have six to twelve flower-stalks at a time, with three to five flowers to each spike, forming a beautiful show and perfuming the surrounding air. Pkt. 5 cts., ¼oz. 20 cts.

Sanderæ. Very free-flowering variety, up-throwing numerous flower-stalks, producing hundreds of beautiful, long, tubular flowers; deep carmine-red, although the shade varies slightly. A grand flowering plant from summer to fall, flowers remaining open during the day. Pkt. 10 cts., ¼oz. 25 cts.

Sanderæ Hybrids. The result of much patience in crossing and selection. Flowers are large as the type and colors are all fine. White, crimson, flesh, purple, rose-violet, blood-red, forming a beautiful mixture. Pkt. 10 cts., ¼oz. 25 cts.

Sylvestris. A large pyramidal plant with handsome glaucous leaves. The long tubulous white flowers droop in racemes over the foliage, are very sweet and do not close during the day. 5 to 6 ft. Pkt. 10 cts.

Colossea. A very rapid-growing variety, attaining 5 to 6 feet in height. Leaves at times 2 feet long and 1 foot wide, the young foliage is tinted red. A fine sub-tropical plant, rose-colored flowers. Pkt. 10 cts.

GNOTHERA (Evening Primrose) HA. Low-growing free-flowering plants of easiest culture. Their showy flowers in yellow, white, rose, etc., open on approach of twilight. Pkt. 5 cts.

OXALIS (Wood Sorrel)

Very neat free-flowering plants, nice for pots or baskets, etc.

Rosea, HHA. Pretty salmon-rose. Pkt. 10 cts.

Tropaeoloides, HP. Brownish foliage, small yellow flowers. Fine for its foliage effect in bedding, etc. 1 to 3 ft. Pkt. 10 cts.

PHACELIA campanulata. A beautiful California plant. Lovely deep blue with white anthers. Blooms quickly from seed and is beautiful for pots as well as borders. ¾ ft. Pkt. 10 cts.

PLATYCODON grandiflora (Chinese Bellflower), HP. Large, broad, bell-shaped flowers. Fine for the border. Deep blue and white mixed. 1¾ ft. Pkt. 5 cts., ¼oz. 25 cts.

See inside back cover about using our Evergreen Lawn Seed for a perfect lawn

PENTSTEMON

Many of these plants are hardy on dry soil. They are herbaceous; are fine plants for the border, clumps of them producing a splendid show.

Sensation, HP². A giant Gloxinia-flowered variety. Plants attain a height of 2 feet, every branch being a spike of large flowers, 2 inches across. The colors and markings range from pink to scarlet and maroon, veined and blotched with other colors. Bloom from midsummer until frost. Pkt. 10 cts.

Mixture of Many Varieties. Pkt. 10 cts.

PERILLA Nankinensis, HHA. Miniature-leaved foliage-plant; very distinct, for bedding. Pkt. 10 cts.



Platycodon grandiflora



Large-flowering Fringed Petunia

vases, baskets, window-boxes, etc., and the dwarf varieties are leaders for bedding. For the latter purpose February and March sowings will be timely. We offer the best strains.

DOUBLE-FLOWERED PETUNIAS

Large-flowering Double Fringed Mixed. A superb mixture of finely fringed varieties in many colors. Pkt. 50 cts.

SINGLE-FLOWERED PETUNIAS

Large-flowering Fringed. An unsurpassed mixture from carefully fertilized show flowers. Pkt. 25 cts.

Giants of California. Large fluffy blossoms, handsomely fringed and ruffled, white, rose, crimson, black, etc. Mixed. Pkt. 25 cts.

Ruffled Giant. A very distinct class with very large flowers, which are deeply ruffled and fluted; elegant. Pkt. 25 cts.

Ruffled and Fringed Giants. Exquisitely fringed and ruffled on the edges, and of immense size in endless varieties of colors, markings, veinings, blotches and stripings, with deep throats of maroon, yellow, white, black or green. Pkt. 25 cts.

Quadricolor Superba. Flowers mostly with five spatulate yellow markings; superb varieties. Pkt. 25 cts.

BEDDING SORTS

These, while mainly of the dwarf bushy habit, desirable for beds, etc., are also useful for pots and boxes.

Howard's Star. Very free-flowering. A blush-pink star on maroon ground. Pkt. 10 cts.

Dwarf Inimitable. A dwarf form of preceding, plants only ½ foot high and completely covered with flowers. Fine for edging. Pkt. 10 cts. ½oz. 50 cts.

Rosy Morn (Erfordia). A lovely rose shade with yellowish throat, bushy and very free. ½ ft. Pkt. 10 cts., ½oz. 50 cts.

Snowball. Another beautiful dwarf pure white variety; sweet-scented. ½ ft. Pkt. 10 cts.

Fine Mixed. Pkt. 5 cts., ½oz. 25 cts., oz. 75 cts.

Poppies (Papaver)

Annuals and hardy perennials. Poppies are unsurpassed for brilliancy of color, and, from the charming little Shirley to the gorgeous peony-flowered, are subjects of lavish admiration. As they do not transplant satisfactorily, it is advisable to sow where they are to remain. Many of them are elegant for cutting, particularly the Shirleys; these, if picked early in the morning with buds just showing color, will be found durable for two days or more.

Single-flowered Annual. In very fine mixture. Pkt. 5 cts., oz. 20 cts.

Admiral. A peony-flowered white, with a broad band of brilliant scarlet around the top. Showy. Pkt. 5 cts., oz. 50 cts.

Scarlet Umbrosom. Single scarlet of intense shade with glittering black spot at the base of each petal. 1 ft. Pkt. 5 cts., oz. 20 cts.

POPPIES, continued

Shirley Improved. This is a charming class of Poppies, all white centered, and running through many beautiful shades of rose, salmon, apricot, pink, etc., to glowing crimson. May be sown in autumn or spring. Elegant for cutting. 2 ft. Pkt. 5 cts., oz. 25 cts.

The Bride. Elegantly fringed, single pure white. 2½ ft. Pkt. 5 cts., oz. 25 cts.

Tulip (Glaucum). Dazzling scarlet cup-and-saucer form. Pkt. 5 cts., oz. 50 cts.

Double-flowered Annual Mixed. Choice mixture of many varieties. Pkt. 5 cts., oz. 25 cts.

Cardinal. Large fringed scarlet. Very effective. Pkt. 5 cts., oz. 25 cts.

Carnation-flowered. A splendid border variety, large, very double fringed flowers in brilliant colors. 2½ ft. Pkt. 5 cts., oz. 25 cts.

Chamois-Rose. Brilliant double flowers of novel shade. 1½ ft. Pkt. 5 cts., oz. 25 cts.

Irresistible. Double flowers 5 inches across, brilliant rose and blush-rose to salmon-rose. All white-centered and handsomely fringed. 2½ ft. Pkt. 5 cts., oz. 25 cts.

Mikado. Each blossom is a large fluffy ball, pure white at base with crimson tips. 2½ ft. Pkt. 5 cts., oz. 25 cts.

White Swan. (Snowdrift). Very large double white, beautifully fringed. 2 ft. Pkt. 5 cts., oz. 25 cts.



Shirley Poppies

PERENNIAL POPPIES

These varieties may be sown from July to September to flower the following season, though Alpine and Iceland will flower the first season from early sown seed in February.

Alpine, Fringed. These are charming little flowers with single fringed or fringed petals. Colors are white, salmon, rose, orange in mixture. 60 per cent true. ¾ ft. Pkt. 10 cts.

Braetatum. Immense blood-red flowers with black blotches at base of each petal. Very fine variety. 4 ft. Pkt. 10 cts., ½oz. 20 cts.

Braetatum, Livermore Variety. Enormous crimson flowers 12 inches and over in diameter with black center. 4 ft. Pkt. 10 cts.



Large-flowering Sweet Peas

SWEET PEAS

Improved varieties are coming thick and fast, and many old favorites must of necessity be dropped from the list. Many of the Spencers are very grand Peas, but not fully fixed in character and not so productive as the older varieties. Their size and form, however, render them very attractive and effective. Our stock is grown for us under most favorable conditions, and will be found true to name and of excellent quality. The seeds should be sown early in spring; or, when the ground is not readily prepared in spring, fall sowing may be made, excepting the white-seeded varieties, which should not be sown until soil becomes quite warm and dry; or they may be started early in pots in greenhouse or frame and planted out as early as the weather permits.

Spencer, or Orchid-flowered

These are beautiful, large, wavy-petaled varieties, three to four flowers to a stem. As they are shy seeders, the price will be proportionately high.

Aurora Spencer. Enormous flowers, ground color cream-white, flaked and mottled with rich orange-salmon. Pkt. 10 cts., oz. 15 cts., 4 oz. 50 cts.

Apple-blossom Spencer. Most beautiful rosy pink flowers. Petals very much waved and crinkled. Distinct serrations on edge of standards. Pkt. 10 cts., oz. 20 cts., 4 oz. 75 cts.

Asta Ohn Spencer. The best lavender. Four blossoms to a stem. Pkt. 10 cts., oz. 25 cts., 4 oz. 90 cts.

America Spencer. Ivory-white, striped with brilliant crimson-red. Pkt. 10 cts., oz. 30 cts.

Beatrice Spencer. White ground, tinted soft pink, and buff on standard. Pkt. 10 cts., oz. 15 cts., 4 oz. 50 cts.

Captain of the Blues Spencer. Ever larger than Countess Spencer. Standard purple, blue wings. Pkt. 10 cts., oz. 15 cts., 4 oz. 50 cts.

Countess Spencer. Lovely clear pink, darker toward margin; very large flowers. Pkt. 10 cts., oz. 15 cts., 4 oz. 50 cts.

Dainty Spencer. White, with pink edge, usually four flowers to a stem. Pkt. 10 cts., oz. 30 cts.

Flora Norton Spencer. A bright blue with a tint of purple. A heavy, bold standard and large flowers. Pkt. 10 cts., oz. 30 cts.

Florence Morse Spencer. A light pink-edged Countess Spencer. Four florets to a stem. Pkt. 10 cts., oz. 30 cts.

George Herbert. A beautiful rosy carmine; very fine. Pkt. 10 cts., oz. 15 cts., 4 oz. 50 cts.

Helen Lewis. Orange-rose wings, which roll and fold. Standard crimson-orange. Two inches across and fluted. Pkt. 10 cts., oz. 15 cts., 4 oz. 50 cts.

John Ingham. A rich carmine-rose with veins of a deeper shade. Flowers very large. Pkt. 10 cts., oz. 15 cts., 4 oz. 50 cts.

King Edward Spencer. Bright crimson-scarlet, very large size. Large wavy standard and large drooping wings. Pkt. 10 cts., oz. 20 cts., 4 oz. 60 cts.

Lovely Spencer. Bright pink at base of standard and wings, shading to soft blush, almost white at edges. Large and wavy. Pkt. 10 cts., oz. 30 cts.

Marie Corelli Spencer. Wings rich crimson, standards cherry-red. Pkt. 10 cts., oz. 30 cts.

Mrs. Routzahn Spencer. Soft rose and buff with primrose, distinctly edged rose. Pkt. 10 cts., oz. 15 cts., 4 oz. 50 cts.

Othello Spencer. Very deep pure maroon of the largest Spencer type. Large, wavy and drooping wings. Pkt. 10 cts., oz. 30 cts.

Paradise. Light pink shades. Pkt. 10 cts., oz. 30 cts.

Primrose Spencer. Three to four flowers on a stem, of a pronounced primrose-yellow. Large and fine. Pkt. 10 cts., oz. 15 cts., 4 oz. 50 cts.

Queen Victoria Spencer. Black-seeded primrose, of finest and largest Spencer form. Pkt. 10 cts., oz. 30 cts.

Ramona Spencer. Usually four florets to a stem, clear white, lined and flaked blush-pink. Pkt. 10 cts., oz. 20 cts., 4 oz. 60 cts.

Senator Spencer. Chocolate, purple and white striped. Pkt. 10 cts., oz. 30 cts.

Sankey Spencer. A black-seeded white variety, with flowers fully as large as White Spencer. Pkt. 10 cts., oz. 30 cts.

Tennant Spencer. Rosy purple. Self-colored. Shows a tendency toward magenta. Pkt. 10 cts., oz. 30 cts.

White Spencer. Enormous flowers in great quantities. Three and four blossoms to a long and strong stem. Pkt. 10 cts., oz. 15 cts., 4 oz. 50 cts.

W. L. Hutchins Spencer. Primrose and buff shaded blush-pink. Pkt. 10 cts., oz. 30 cts.

Superb Mixed Spencer. A splendid and well-blended mixture of all true Spencer types only. Pkt. 5 cts., oz. 10 cts., 4 oz. 40 cts., lb. \$1.35.

Unwin Type

This class is similar to the famous Spencers, but the blossoms are smaller and frequently of rather heavier texture. They exist in many colors, but only a few are popular. Both standards and wings are wavy and nicely formed.

E. J. Castle. Rich carmine-rose with salmon shading. Pkt. 5 cts., oz. 10 cts., 4 oz. 30 cts.

Frank Dolby. Lovely light lavender, medium large size. Pkt. 5 cts., oz. 10 cts., 4 oz. 30 cts.

Glady's Unwin. Clear bright pink, a little deeper at edges. Pkt. 5 cts., oz. 10 cts., 4 oz. 30 cts.

Mrs. Alfred Watkins. Clear pink, deeper and heavier at the outer edges. Pkt. 5 cts., oz. 10 cts., 4 oz. 30 cts.

Nora Unwin. White, large sized and generally three flowers come on a stem. Pkt. 5 cts., oz. 10 cts., 4 oz. 30 cts.

Phyllis Unwin. Beautiful rose, three to four flowers on a stem. Pkt. 5 cts., oz. 10 cts., 4 oz. 30 cts.



Stocks, Dwarf Bouquet

SMILAX Mrysiophyllum. TP. This popular decorative vine of the florists is readily grown from seed, and will attain a height of 6 to 12 feet. Should have a rich soil. Most suitable for conservatory. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts.

STEPHANOPHYSUM longifolium. HHP². Bright scarlet flowers, long and free-flowering; fine. $1\frac{1}{2}$ ft. Pkt. 10 cts.

STEVIA serrata. HHA. Large heads of small cream-white, sweet-scented flowers. Very useful for cutting. $1\frac{1}{2}$ ft. Pkt. 10 cts.

STOKESIA cyanea (Cornflower Aster). **HP.** Lavender-blue scabiosa-like flower, 4 to 5 inches in diameter. Flowers freely from midsummer to frost. $1\frac{1}{2}$ ft. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts.

Stocks

(*Matthiola*; Gilliflower) **HHA**

General favorite for bedding, others excellent for pot-plants or cutting. August-sown seed will produce fine plants for spring pot sale or cutting. Seed sown under glass in March will supply nice bedding plants in light soils and may be sown outside in April and May and will afford bloom from summer till frost. All delightfully fragrant.

Cut-and-Come-Again Varieties (Ten-Weeks Stock). A large-flowering class of pyramidal habit and very free-flowering. Large flower-spikes and excellent for cutting. 90 per cent double flowers. Very fine for outdoor planting. **Brilliant Rose, Dark Blue, Lilac, Crimson, Princess Alice** (pure white), **Yellow, Carmine and Mixed.** Each, pkt. 10 cts., $\frac{1}{2}$ oz. 75 cts.

Large-flowering Dwarf Bouquet (Ten-Weeks Stock). This is a class particularly suited for pot-culture, beds or edging. Habit is dwarf and bushy. Height about 8 inches. 90 per cent double flowers. **Brilliant Rose, Dark Blue, Canary-Yellow, Crimson, Light Blue, White and Mixed.** Each, pkt. 10 cts., $\frac{1}{2}$ oz. 75 cts.

LARGE-FLOWERING DWARF PYRAMIDAL (Ten-Weeks Stock)

A dwarf-growing, very early-flowering class. Excellent for forcing. Fine long spikes of flowers. Fine colors and very fragrant. About three to four weeks earlier than the "Nice" Stocks. 90 per cent double flowers.

Sapphire. New deep sapphire-blue. A splendid Stock of delightful color and early-flowering. Pkt. 25 cts.

Snowflake. Early large snowy white, the earliest of the white Stocks. Splendid for cutting or for planting outdoors. Pkt. 25 cts.

EARLY BROMPTON, or "NICE" STOCKS **HB**

These are fine large and early-flowering varieties, serviceable for winter or summer bloom. They are of rapid growth, great durability and very fragrant. Summer-sown seed will bloom in eight to ten weeks. Spring-sown in about four months. 60 to 75 per cent double-flowered.

Almond Blossom. Tender carmine. Very pleasing. Pkt. 15 cts. **Beauty of Nice.** Strong spikes with large blooms of flesh-pink. Pkt. 15 cts.

Monte Carlo. A beautiful canary-yellow. Pkt. 15 cts.

Queen Alexandra. A clear rosy lilac, strong spikes, large florets. Pkt. 15 cts.

Vesuvius. Very large and double blood-red flowers. Pkt. 15 cts.

Mont Blanc. Snow-white. A great improvement on former whites of this class. Excellent for cutting. Pkt. 25 cts.

Souvenir de Monaco. Bright carmine. Pkt. 15 cts.

STREPTOCARPUS hybrida (Cape Primrose). **TP².** Dwarf and of neat habit and of easy culture. January-sown seeds produce June-flowering plants. A fine pot-plant that may be had in bloom nearly the entire season. Superb mixture, rich colors. $\frac{3}{4}$ ft. Pkt. 25 cts.

SWEET ROCKET, Hesperis. HP. An old-fashioned flower, sweet-scented and nice for cutting. White, purple and lilac mixed. 2 to 3 ft. Pkt. 5 cts.

SWEET WILLIAM (*Dianthus barbatus*) **HB**

Producing splendid effects in beds and borders. Widely grown for the handsome showy heads of brilliant flowers.

Holborn Glory. Large handsome single flowers, brilliant in color, with white eye and white edge. $1\frac{1}{2}$ ft. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts. **Pink Beauty.** Single, fine deep pink flowers. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.

Single White and Crimson. Each, pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts.

Single Varieties. Finest mixture. Pkt. 5 cts., oz. 30 cts.

Double Varieties. Finest mixture. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts.

Annus (Annual Flowering Sweet William). A new strain that flowers in the first season. Sow early. Finest mixture. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts.

Everblooming Sweet William. HP. (*Latifolius atrooccineus fl. pl.*) A very rich crimson flower, double and blooming freely and continually. Pkt. 10 cts.

THUNBERGIA (Black-eyed Susan) **HHA.** Very attractive slender climbing or trailing plants, neat for baskets, porch-boxes, etc. **Pure White, White, black-eyed; Pure Sulphur-Yellow; Sulphur, black-eyed; Orange, black-eyed; Sulphur, white-eyed; Orange, and white-eyed; Mixed.** Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts.



Sweet Williams

TORENIA HHA

Very handsome pot-plants and suitable for beds or edging in sheltered situations. $\frac{3}{4}$ ft.

Fournieri grandiflora. Large flower, an inch and over in diameter; sky-blue, blotched purple, yellow-throated. Pkt. 10 cts.

Baillonii. Golden yellow with rich red-brown throat. Pkt. 25 cts.

VALERIAN. HP. Showy border plants with large heads of sweet-scented flowers. Nice for cutting. **White, Red, Mixed.** Pkt. 5c.

VISCARIA (Rock Lychnis). Very profuse-blooming annuals allied to the Dianthus; hardy and easily grown anywhere, but prefer hot, sunny situations. For beds, lines, etc. Mixed. Pkt. 5 cts.

VERBENA

A very popular bedding plant. The seeds come true to color, and plants are of surprising vigor compared with plants grown from cuttings. They should be planted at least 15 inches apart in good soil. Seed should be soaked in warm water for an hour or two before sowing. Cover about one-fourth inch deep and firm the soil. Water very carefully, seeds may germinate during a period of four weeks or more. Where plants have been bought and proved unsatisfactory we would urge a trial of seedlings, their wonderful growth and freedom of bloom will repay any extra care required. The plants are useful for bedding, vases, boxes, borders, etc.

Citriodora (Lemon Verbena). Pkt. 10 cts.

Erinoides (Moss Verbena). These have a low-spreading habit, producing in profusion from June to frost their neat, small flowers. 1 ft. Pkt. 10 cts.

Venosum. Fine for edging or beds. Violet and purple. $1\frac{1}{2}$ ft. Pkt. 10 cts.

Hybrida compacta. These are elegant dwarf bushy varieties that are splendid for beds, edging or as pot-plants; well suited to use with dwarf Lobelias, etc. 2 to 3 ft. Pkt. 10 cts. $\frac{1}{2}$ oz. 75 cts.

Mammoth-flowered Varieties having clearly defined margins and large white centers, florets average an inch in diameter. **Blue** with white eye; **Pink, Purple, Scarlet, Striped, Blue, White,** and **Auricula-flowered.** Each, pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. \$1.50. **Choice Mixed.** Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 90 cts.

VINCA (Periwinkle). TP^s. Very handsome plants about 1 foot high, dark glossy foliage and in flower constantly from June to frost. If sprays be cut and placed in water, all the buds will be developed making them effective for a week. 1 to $1\frac{1}{2}$ ft. **White, Rose, White, rose-eyed; Mixed.** Each, pkt. 10 cts.

VIOLA odorata. HP. (Sweet-scented Violet.) Fragrant early spring-blooming plants. Blue and white mixture. Seed germinates very slowly. Pkt. 10 cts.

WILD CUCUMBER (Echinocystis). A very rapid-growing annual vine. Pkt. 5 cts., oz. 30 cts.



Mammoth Verbena



Zinnias

WALLFLOWER

Cheiranthus Kewensis. HP^s. New so-called annual varieties. These bloom four to five months after sowing, and by making successional sowings flowers may be had almost the year round. They are delightfully fragrant, of a sulphur-yellow shade passing gradually to orange-yellow and violet. Pkt. 25 cts.

Dwarf German Wallflower (C. Cheiri). HP. Fine large spikes of large sweet-scented flowers. Very nice for borders or pot-plants. Splendid mixture of all sorts. Pkt. 25 cts.

ZINNIA

Half-hardy annuals that have been wonderfully improved. The double-flowered varieties have attained elegance of form and the colors are glorious. Many are beautiful for cut-flower decorations. The pure white, salmon and rich shades of yellow, with crimson and scarlets are all highly effective and very durable. These may be sown in latter part of March in boxes or outdoors in May. If transplanted, it should occur at an early stage.

Crested Double. Very bright handsome flowers with crested and curled petals. Very fine varieties. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

Giant Double. Mammoth flowers, broad-petaled, rich and brilliantly colored. Mixed, pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

Elegans hybrida. Single-flowered varieties. $1\frac{1}{2}$ ft. Pkt. 10 cts.

Haageana hybrida. A new class of single- and double-flowered varieties in manifold colors passing through yellow and orange to violet; fine for bedding. 1 ft. Pkt. 10 cts.

Double Lollipop. Elegant small pompon flowers; very nice for beds, etc. 1 ft. **Crimson, Lilac, Gold, Orange, Scarlet and White Mixed.** Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

Double Miniature, or Tom Thumb. A very charming bushy variety that come true from seed 6 to 75 per cent. They vary somewhat in height, covered with small brilliant flowers in variety. 6 to 8 in. Mixed, pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

Double Gracillima. Beautiful little round plant covered with fiery red, small flowers. Excellent for beds or edgings. Pkt. 10 cts.

Large-flowering Tall. Very fine strain. Splendid for beds or cutting. **Carmine, Rose, Pink, Crimson, Scarlet, Striped, Golden Yellow, White, Lilac and Mixed.** Each, pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

Double Semi-dwarf Large-flowered. Elegant for beds as well as for cutting. Very rich colors. **Salmon, Flesh, Violet, Purple, Carmine, Crimson, Scarlet, White, Orange and Golden Yellow** in finest mixtures. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

Red Riding Hood. Dwarf and compact. Flowers small and intense scarlet. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts.

SHERWIN-WILLIAMS INSECTICIDES

The Sherwin-Williams line of spraying compounds cover practically every requirement of the farm, orchard and garden. Each product has its specific purpose, and it is made so that it will best accomplish that purpose at a minimum cost. Sherwin-Williams Insecticides and Fungicides are guaranteed under the Government Insecticide Act of 1910, Serial No. 57. Use S-W brand for safe, sure and economical results.

S-W New Process Arsenate of Lead



Lead

THIS material is a very effective arsenical poison used for combating the codling moth and all other leaf-eating insects. It is particularly effective because it contains the maximum amount of arsenic possible to get in a thorough combination with lead. Great care is exercised in precipitation so that its particles will be very finely divided

and will settle on every part of the leaf when sprayed on the foliage. Being carefully precipitated and thoroughly combined, S-W Arsenate of Lead eliminates all possibility of foliage burning, and possesses added adhesive qualities. S-W Arsenate of Lead kills the bugs, protects the crops, improves the quality and quantity of fruit and vegetables, and is very economical to use. 4 to 6 lbs. should be used to 100 gals. of water. Put up in sealed packages. Price, lb. 25 cts., 2 lbs. 45 cts., 5 lbs. \$1, 25 lbs. \$4.

S-W Lime-Sulfur Solution



THIS product can be used as an insecticide or a fungicide. For the former, dilute one part solution to nine parts water and use as a spray for San José and all other scale insects. To use as a fungicide, dilute one part Lime-Sulfur to thirty-five to one hundred parts water, depending on the hardness of the plant or tree. S-W Lime-Sulfur Solution is a clear, cherry-colored combination

of lime and sulfur in liquid form. It is as strong a solution as can be made and tests 33 degrees Baumé. This material is practically free from sediment and contains no hard, granular particles to clog the spray nozzle. When used against scale, spray when the tree is dormant in the early spring or late fall. Put up in tin packages and oak barrels. Price, gal. 75 cts., 5 gal. \$2.25, 25 gal. \$6.50, 50 gal. \$11.

BORDEAUX DRY. 1 lb. to 5 gals. of liquid. Lb. 25 cts., 5 lbs. \$1, 10 lbs. \$1.90.

S-W Bordeaux Mixture, Paste



A COMBINATION of lime and blue vitriol (copper sulphate) made for use as a fungicide. Many growers prepare their own, but it is inconvenient and impractical and usually costs more in the end than a commercial preparation. The ingredients used in S-W Bordeaux Mixture are absolutely pure, insuring the best possible results. It is ready for use at any time by simply adding water at a dilution of six to eight pounds to fifty gallons of water. Put up in sealed crocks. Price, lb. 25 cts. 5 lbs. 85c., 25 lbs. \$3, qt. can 40c., gal. \$1.

S-W Paris Green



SHERWIN-WILLIAMS Paris Green is the most effective, safe and economical Paris Green on the market. It contains practically no free or uncombined arsenic, so it does not burn or blight the foliage. At the same time it has an adequate amount of combined arsenic to kill any leaf-eating insect. It is particularly effective in eradicating the potato bug. Put up in air-tight cartons. Price, lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.60.

S-W Carbolinol



THIS preparation is particularly adaptable for use on the farm in that it is a bug exterminator, fly-repellant and wood-preservative. Sprayed on chicken-houses, or poultry, it will entirely eradicate lice and other vermin. Diluted with kerosene and sprayed on cattle and horses it will successfully repel flies. Used as it comes from the can, Carbolinol acts as a wood-preservative and is especially adapted

for use on silos, fence-posts, and all woodwork placed on or underground. Every farmer should keep on hand a supply of Carbolinol. Full directions on the can. Put up in tin packages. Price, qt. 35 cts., gal. \$1.25.

HILL AND DRILL SEEDERS

IRON AGE DOUBLE AND SINGLE WHEEL HOES



No. 6

No. 6 Combined Double- or Single-Wheel Hoe, Hill and Drill Seeder

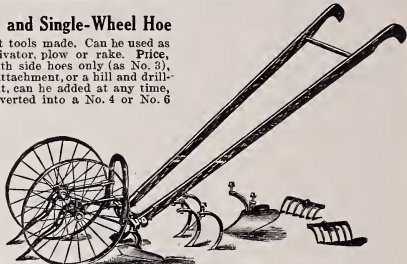
Ease of adjustment and operation, lightness with strength and accuracy in hilling or drilling the seed are valuable features of this combination tool. Ten tools in one, and each one as satisfactory as a tool made for the special purpose. Places the seed in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart. Price, complete, as in cut, \$12. The double-wheel hoe form of this tool is shown in our No. 1.

No. 4 Combined Double-Wheel Hoe and Drill Seeder

What is said of No. 6 is largely applicable to this tool, except that it does not sow in hills. As a double- or single-wheel hoe, plow, cultivator or rake, it is identical. Price, complete, \$11. As a drill seeder only (No. 5), \$8.

No. 1 Double- and Single-Wheel Hoe

One of the best tools made. Can be used as single-wheel cultivator, plow or rake. Price, complete, \$7. With side hoes only (as No. 3), \$4.25. A seeder attachment, or a hill and drill-seeder attachment, can be added at any time, and the tool converted into a No. 4 or No. 6 combined seeder.



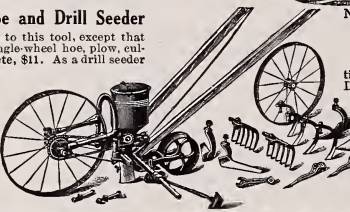
No. 1 Double- and Single-Wheel Hoe

No. 18 Drill Seeder

This tool possesses all the qualities of a plain, continuous row seeder, and is the lowest-priced Iron Age Drill made. Price, \$7.50.



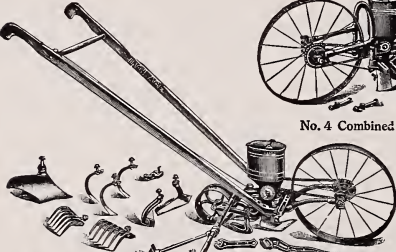
No. 18



No. 4 Combined Double-Wheel Hoe and Drill Seeder

No. 15 Combined Single-Wheel Hoe, Hill and Drill Seeder

Very similar to our No. 6, as above, except it is used only as a single-wheel. Price, complete, \$11. The No. 17 Iron Age (similar to this, but sows only in continuous rows), \$10. No. 16 Iron Age Hill and Drill Seeder (as a seeder only), \$8.50.



No. 15 Combined Single-Wheel Hoe, Hill and Drill Seeder

No. 20 Single-Wheel Hoe

A most complete single-wheel tool. One pair side shoes, three cultivator teeth, one pair of rakes and a plow are furnished. Price, complete, \$6. With plain hoes only (as No. 21), \$4. Can be used as a seed drill at any time by adding the seeder attachment.



No. 20



"New Model" Seed Drill

has been in use for many years, and is well-known to be truly a model for satisfactory work. The wheel is large and broad; index plain and reliable, and all is first-class. Price, \$8.

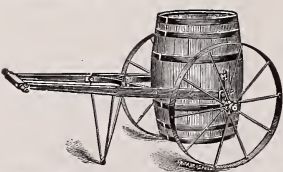
The New Model Seed Drill

The Gem Single-Wheel Hoe

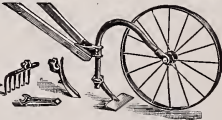
Can be used also as plow or cultivator; has had continued demand for years. Price, complete, \$5; with 5 teeth only, \$3.75. Gem Double-Wheel Hoe, complete, \$6.

Iron Age Combined Barrel Truck, Hand Cart and Leaf Rack

Barrel can be easily detached from truck. Truck and trunnions, with 1½-inch wheel, \$7; 2½-inch wheel, \$7.75; 3½-inch wheel, \$8.50; Extra for harrel, \$3; hox to fit on truck, \$3.25; leaf rack to fit on truck, \$3.50; sprinkler attachment, \$3.50.



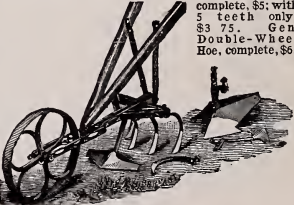
Iron Age Barrel Truck, Hand Cart and Leaf Rack



No. 12

No. 12 Wheel Plow and Cultivator

Remarkable for its exceeding lightness, great strength and variety of work it will accomplish. A fine tool for the poultry-yard. Price, complete, \$3.50. With landside plow only (as No. 11), \$2.50.



Gem Single-Wheel Hoe

Ask for Set of 1912 Iron Age Special Booklets, Showing the best and most complete line of farm and garden implements manufactured

IRON AGE ' BUCKET AND BARREL SPRAYERS

Bucket Sprayer, No. 192

For spraying home trees, bushes, etc., and for whitewashing, washing windows and wagons and other odd jobs where a small hand-pump can be used economically, with good results. Is worth far more than you pay for it. 100 pounds pressure easily maintained. Can be used in any kind of solution, and whether hot or cold. Candle-wick packing. Not necessary to remove plunger for repacking. Bronze ball valves, easily got at.



No. 192 Bucket Sprayer
Price, \$6

\$5.40; Extension pipes, 2-ft. lengths, brass, 45 cts.; steel, 35 cts.

Horizontal Barrel Sprayer No. 190

Just what the man with a small orchard or garden has been looking for. A hand sprayer that is easy to operate, convenient to get at in all of its parts, is stable on its foundation, is so mounted that it can be placed on any conveyance and moved at will, has a fine outside pump with high pressure. Sold plain as in cut, or with one or two leads of hose. Steel pipe rod for orchard spraying and bucket strainer furnished when ordered.



Vertical Barrel Pump, No. 191

Can be attached to any barrel with or without head. The strain in operating comes on the staves and not on the head. Is mounted outside the barrel. Any kind of solutions—hot or cold—no leather packing—easy to repack—brass ball valves, easily got at. May be ordered with same equipment as the horizontal barrel sprayer.

Four Row Wagon Attachments

Will be furnished for either horizontal or vertical barrel outfits, at reasonable prices. They are easily attached to any wagon and save buying traction sprayer for a few acres.

No. 191
Vertical
Barrel
P u m p.

Price, \$15,
without barrel.—Fur-
nished with barrel if necessary.



Daisy Force Pump

Cheap and effective. Will throw a steady stream 40 to 50 feet. Each \$1.

The Auto Sprayer

Eight to ten strokes of plunger in air-chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the sprayer can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a quarter-acre of potatoes. The sprayer is light and, being carried by a shoulder strap, a boy can carry it with ease and can cover ten times more area in a day than can be covered with the old-style sprayers. Made of brass, with stop-cock, \$6.75, with Auto Pop, \$7.65; of galvanized steel, with stop-cock \$4.50, with Auto Pop \$5.40; Extension pipes, 2-ft. lengths, brass, 45 cts.; steel, 35 cts.

Self-
Contained

The Kinney

For applying liquid manure; it will apply from 5 to 15 gallons per minute. Screw the pump on to the faucet, put the end of the suction pipe into your barrel or tank of liquid manure, attach the discharge hose and open up your faucet. The pump is also used for spraying and for tempering water. Made out of brass and will last for years. \$1.50, by mail \$1.65.



The Kinney Sprayer

The Paragon Sprayer

For whitewashing, water-painting, disinfecting, spraying trees, vines, and many other purposes. No. 3 Sprayer holds 12 gallons, \$15. No. 5 Sprayer holds 30 gallons, mainly for trees, \$25.

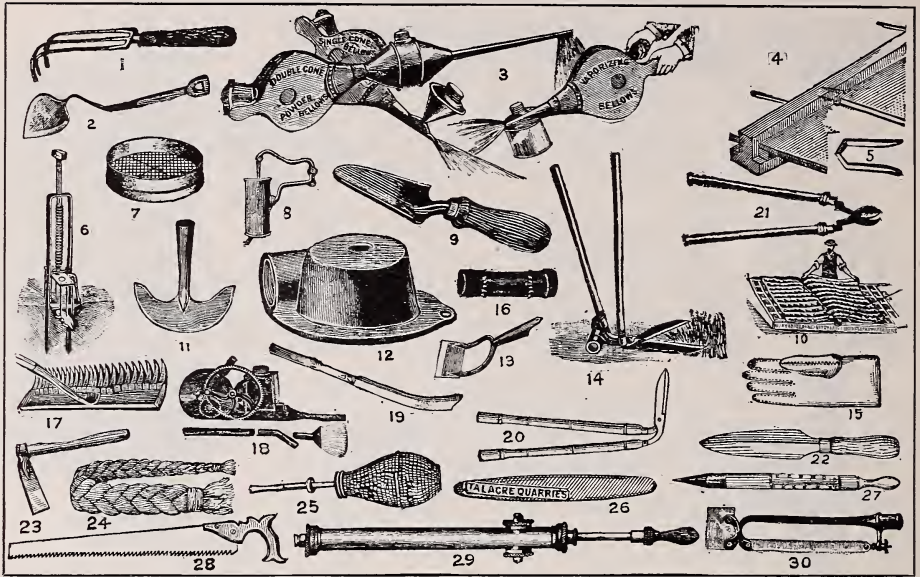
Perfect Barrel Spray. An excellent and effective spray pump. \$11.50.

Little Giant Spray. The pumping is all done on the down stroke. \$3.75.



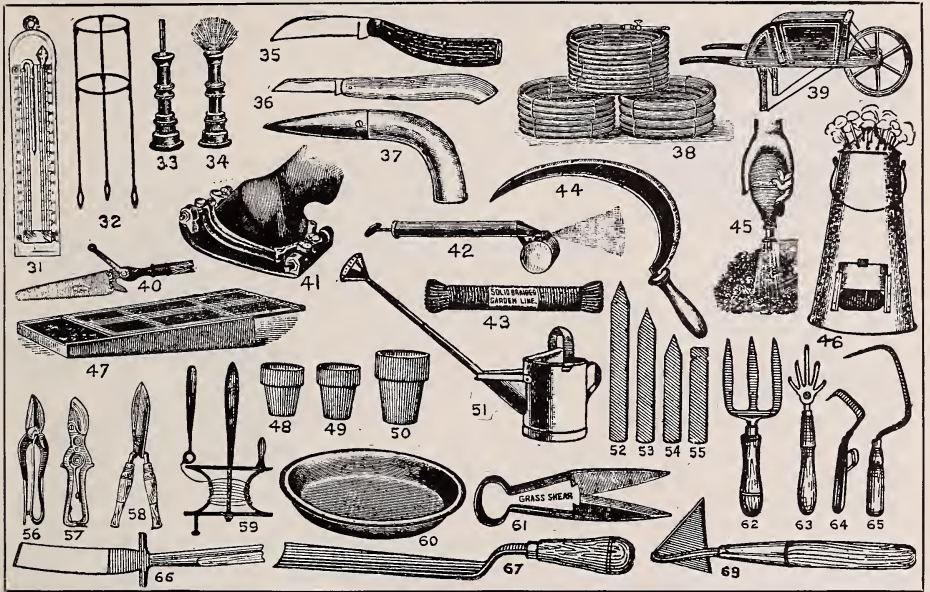
No. 190, Horizontal Barrel Sprayer
\$15 without Barrel, \$18 with Barrel

Complete description of each will be sent on application.



Miscellaneous Supplies

Aprons, Gardeners', Rubber.....	Each	\$2 00	Glazing Points, Siebert's. $\frac{5}{8}$ and $\frac{3}{4}$ in. Lb. 50c., by mail, 65c.	Each
Oil.....	1 15		Point Pincers. To apply above.....	45 cts., by mail, \$0 60
Asparagus Knives, Curved Edge (67).....	40		Gloves, Goatskin. For handling thorny plants.....	1 25
Straight Blade.....	35		Grafting Wax. $\frac{1}{4}$ lb. 10 cts., $\frac{1}{2}$ lb. 15 cts., lb. 25 cts.....	75
Asparagus Buncher, Acme No. 1, for 3- to 3 $\frac{1}{2}$ -inch bunches.....	2 00		Grass Edging Knives, Saynor's. 8-in. \$1.25, 9-in.....	1 40
No. 2, for 4- to 5-inch bunches.....	2 00		American. 9-in.....	75
Bellows, Woodason's—Double Cone Powder.....	3 00		Grass Hooks, or Sickles. English. Riveted back.....	30
Single Cone Powder, large.....	2 00		German.....	30
Smaller size.....	1 15		Handles. Of tough, clean, second-growth ash. 8-ft. 40 cts.,	
Liquid Spraying, large.....	2 00		10 ft. 50 cts., 12 ft.....	65
Smaller size.....	1 50		Hanging Baskets. Galvanized wire, 10-in. 20 cts., \$2 per doz.;	
Sulphur Bellows.....	1 00		12-in. 25 cts., \$2.50 per doz.; 14-in. 35 cts., each, \$3.50 per doz.;	
Bill Hooks, English.....	1 25		10-in. 45 cts., each, \$4.50 per doz.; 18-in. 55 cts., each, \$5.70	
Carnation Supports.....			per doz.; 18-in., extra heavy, 75 cts. each, \$8.40 per doz.	
2 and 3 rings, doz. 45c. and 55c.; per 100, \$3.15 and \$3.50.	45		Hoes, Grubbing or Sprouting. 4-in. blade, 4-ft. handle.....	65
Corn Knives. For cutting down corn stalks.....	45		Grubbing or Sprouting. 4 $\frac{1}{2}$ -in. blade, 4-ft. handle.....	70
Cut-Flower Boxes, 21 x 8 x 4 in., 80c. per doz., per 100, \$45.50.	1 00		Bateman. 5 $\frac{1}{2}$ -in. and 6 $\frac{1}{2}$ -in. blade.....	50 cts. and
24 x 8 x 5 inches, doz. 90 cts., per 100, \$5.25.			Thinning. Triangular 4 $\frac{1}{2}$ -in. blade, 4 $\frac{1}{2}$ -ft. handle.....	45
30 x 12 x 6 inches, doz. \$1.65, per 100 \$11.50.....			Weeding. 2-prong, 4 $\frac{1}{2}$ -ft. handle.....	30
Dandelion and Plantain Puller, Bateman.....	35		Warren. 7-in. blade, 4 $\frac{1}{2}$ -ft. handle.....	55
Dibble, Wooden Handle. Steel points. 2 sizes, 30 cts. and.....	35		Draw, Field or Garden. 7-in. blade, 50 cts.; 8-in. blade.....	75
All Iron.....	40		Triangular. 3-in. blade, 4-ft. handle.....	65
Dock and Thistle Cutter. With foot-rest, 2 styles, 75c. and.....	1 00		Hilton Scuffie. 6-in. blade 50 cts., 8-in. blade.....	75
Without foot-rest.....	65		Dig Easy Mattock. 1 $\frac{3}{8}$ - and 3-in. blade, 5-ft. handle.....	60
Duster for Slug-Shot.....	2 qts. 25 cts., 4 qts.....	35	Tomato Transplanting (23). Short handle.....	60
Forks, Weeding, Saynor's Long Handle.....	75		Dutch Scuffie, Saynor's. 4-, 6-, and 8-in. blades, 50c., 60c.	70
Short Handle.....	25		Hooks, Potato. 4 broad, oval tines, bent head, 4 $\frac{1}{2}$ -ft. handle.....	65
Fumigators. For fumigating greenhouses.....			Nurserymen. Two 9-in. steel prongs, 4 $\frac{1}{2}$ -ft. handle.....	1 15
Nos. 1, 2, 3 and 4, holding $\frac{1}{2}$, 1, 2, 3 and 4 pkts., \$1.25,	3 25		Grape. Two prongs, 4-ft. handle.....	80
\$1.75, \$2.25 and \$2.75.....			Hose, Rubber. (including couplings.)	
Garden Line, Italian Hemp. Extra quality.....			Rever. $\frac{1}{2}$ -in., in 50-ft. lengths \$8.50; 25-ft. lengths, \$4.50;	
Per 50 ft. 35 cts., 100 ft. 65 cts., 200 ft. \$1.10, 300 ft. \$1.60.			Electric. $\frac{3}{8}$ -in., in 50-ft. lengths, \$10.50; 25-ft. lengths.....	5 50
Garden Line. White glazed. Per 50 ft. 30 cts., 100 ft. 55 cts.,			Hose Coupling. $\frac{3}{4}$ -in., pair 15 cts., doz. \$1.60.....	
200 ft. \$1.300 ft. \$1.45.....			Menders, Brass. $\frac{1}{2}$ -in., $\frac{3}{4}$ -in., 1-in., doz. \$1, by mail \$1.10.	
Garden Line Reels, with stake.....	8-in. \$1, 10-in.....	1 50	Mending Outfit. 6 menders, 18 bands, 1 pair plyers.....	60
Glass Clamps. For supporting broken glass. Per doz. 60 cts.,			Nozzle, Pet. Spray or solid stream, 50 cts.; Straight stream.....	35
per 100 \$1.25, per 25 35c.....			Nozzle, Boss.....	40
Glazing Points, Peerless. Nos. 2 and 2 $\frac{1}{2}$			Fasteners.....	50
Per 1,000 60 cts., by mail 75 cts.....				



MISCELLANEOUS SUPPLIES, continued

Hotbed Sash. Shipped direct to purchaser from factory, purchaser paying freight charges. Sash 3 ft. wide by 6 ft. long, of cypress. Painted, glazed and puttied. doz. \$42. \$3 60	Each
Unglazed, painted one coat. doz. \$18.00. 1 65	
Double glazed with 3/8-in. air space, painted and glazed. 4 50	
Mats, Burlap. 40 x 76. doz. \$10. 1 00	
Burlap. 76 x 76. doz. \$15.50. 1 40	
Waterproof. With waterproof duck on one side. 40 x 76 doz. \$14. 1 25	
76 x 76. doz. \$20. 1 75	
Hyaline Glasses. doz. \$1.60. 15	
Immortelles. Red, Pink, Blue, White, Yellow and Purple. Bunches 50 cts., doz. \$5.50. 40	
Knives, Budding, Saynor's. 1 blade straight or curved. 1 50	
Our Special. 1 straight, 1 curved blade. 1 00	
German. 1 straight blade. 75	
Small. 2 blades. 50	
Pruning, Saynor's. doz. \$1.15 and. 1 50	
Other English Make doz. 90	
Labels, Pot. Painted wooden— 100 1.000	
4-inch. \$0 12 \$0 90	
4½-inch. 15 1 00	
5-inch. 20 1 25	
6-inch. 25 1 50	
8-inch. 40 3 50	
Labels, Garden. 8-inch; 1½ inch wide. 50	
10-inch; 1½ in. wide. 65	
12-inch; 1½ inch wide. 80	
14-inch; 1½ in. wide. 1 75	
16-inch; 1½ inch wide. 2 00	
Horticultural. Iron. 20 cts. each, \$2 per doz. 15 00	
Tree. Painted; copper-wired; 3½-inch. 25 1 50	
Zinc. For pots; 6-in. doz. 15c. 1 00	
For trees and shrubs, wired. doz. 7 cts. 50 Each	
Lawn Sprinklers, The New Comet. doz. 7 cts. \$3 50	
Pluvius. 1 25	
Brass Ring. 60	
C. B. G. "Cheap But Good" 35	
The California. 1 50	
Masticia. An improved putty. Gal. \$1.40, 5 gal. \$6.75. 1 30	
Masticia Machine. For applying. 1 30	

Mole Trap, Out-of-Sight. Each \$c 75	
Reddick. 1 00	
English. For hotbeds. 40	
Moss, Green Log. Sq. yd., 40 cts.; crate, \$3. 40	
Sphagnum, Dried. Per bale of 10 bbl. \$5.50, bbl. \$1.50. 40	
Paper Tissue. 40 x 76. Ream, \$1. 40	
Waxed. Reams, \$2. 40	
Pencils, Indelible, Wolf's. For writing on labels. 10	
Plant Protecting Cloth. Medium grade; yd. 9c., bolt of 60 yds. \$5. 10	
Plant Tubs, Union. With galvanized, electric-welded wire hoops; are neat, compact and substantial. A, B, C, and D tubs are furnished without handles.	
Red Cedar— diameter Outside top Diameter bottom Depth	
A. 8 in. 7½ in. 6 in. 40	
B. 8 in. 8½ in. 8½ in. 60	
C. 10½ in. 9½ in. 9 in. 75	
D. 11 in. 9 in. 11½ in. 90	
Cypress—	
No. 1. 13½ in. 11½ in. 12 in. 1 00	
No. 2. 14½ in. 12 in. 14 in. 1 25	
No. 3. 16 in. 13½ in. 16 in. 1 50	
No. 4. 19 in. 16½ in. 18 in. 2 25	
No. 5. 21 in. 19 in. 20 in. 2 80	
No. 6. 25 in. 23 in. 22 in. 3 50	
No. 7. 25½ in. 24 in. 24 in. 4 50	
White Cedar. Painted green, hoops, handles and leg cast in painted black; the best tub made—	
No. 8. 12 in. diam., 10 in. high. 1 75	
No. 7. 13 in. diam., 11 in. high. 2 00	
No. 6. 14 in. diam., 12 in. high. 2 25	
No. 5. 16 in. diam., 14 in. high. 2 75	
No. 4. 18 in. diam., 16 in. high. 3 00	
No. 3. 21 in. diam., 18 in. high. 4 00	
No. 2. 23 in. diam., 20 in. high. 4 50	
No. 1. 25 in. diam., 22 in. high. 5 00	
No. 0. 27 in. diam., 24 in. high. 5 50	
Pot Hangers. No. 1. For 3- to 5-in. pots, 4 cts. each, 40 cts. per doz.; No. 2. for 5- to 8-in. pots, 5 cts. each, 50 cts. per doz.; No. 3. for 8- to 12-in. pots, 6 cts. each, 60 cts. per doz. By mail 10 cts. extra per doz.	

W. C. BECKERT,

SEEDSMAN

101-103 FEDERAL ST. N. S., PITTSBURG, PA.

Write your address plainly. State how seeds are to be sent by Mail, Express or Freight. Remit by Post Office Money Order. If not obtainable at your Post Office then send by Registered Letter, Express Money Order or New York Draft.

Seeds sent postpaid in pkts. and up to 4 oz. For larger quantities if to be sent by mail, add for postage at rate of 8 cts. per pound and 15 cts. per qt. for Peas and Beans and 10 cts. per qt. for Sugar Corn.

Send by
STATE HERE IF TO BE SENT BY FREIGHT, EXPRESS OR MAIL

To (Your Name)

Your Address, P. O.

Station State

Amount of Remittance

Date of receipt

How Shipped

Filled by

Packed by

Packages

We use all possible care and precaution to have our seeds pure and reliable; but do not in any sense warrant or guarantee them. If the purchaser does not accept them on these conditions, they must be returned at once. W. C. B.

QUANTITY	ARTICLES	PRICE
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W. C. BECKERT,

Seedsman,

103 Federal Street,

North Side, Pittsburg, Pa.



For a Fine Lawn Use Our Evergreen Lawn Seed

GOOD soil and proper drainage are absolutely necessary to produce a good lawn. There should be no less than one foot of good surface soil, heavy loam where possible. In light or sandy soil the grass has a tendency to burn out in hot, dry weather. Where it is necessary to grade the surface the subsoil should be removed and replaced with good earth.

Unless the soil is sufficiently rich apply a liberal quantity of well-rotted manure; dig or plow this in and incorporate with the soil. Rake or harrow the surface even, and after sowing the seed rake again lightly and firm the soil with a lawn-roller. Never attempt to dig, rake or roll a lawn when the ground is wet.

The best time to make a lawn is early in spring as soon as the ground is in good tillable condition, although very satisfactory results are obtained from lawns made during the summer and autumn.

When the young grass is from 3 to 4 inches high it should be mown, but not too short, as close cropping is injurious to a new lawn. Repeat the mowing at intervals of about ten days. After the lawn is once well established frequent rollings are beneficial, especially early in spring, after the soil and with it the roots of the grass have been drawn up by the winter's frost.

On banks and terraces, where the seed is liable to be washed off by rains before it has sprouted, a quick catch can be secured by mixing the seed with moist earth about one week before sowing; at the expiration of that time much of the seed is ready to sprout.

BECKERT'S EVERGREEN LAWN

Good seed is as necessary to make a lawn as the proper preparation of the ground. We have made many experiments to determine the grasses best adapted for lawn purposes, and the above mixture is composed of a combination in proper proportions, of the best natural lawn grasses, so as to produce a continuous good lawn from early spring throughout the summer until late in fall.

The ingredients of this mixture are the highest grade of reclaimed seeds only. The value of lawn grass seed can be best determined by its weight per measured bushel, the heavier the quality the heavier the weight. This Lawn Seed is sold by the standard bushel of 32 quarts (dry measure) and weighs 24 pounds per bushel.

Lawn Seeds are generally sold on a basis of 14 pounds to the bushel, which will invariably fall one-third or more short of actual measure if composed of choice clean seeds, and where a bushel of 14 pounds holds out in measure, it must of necessity be largely composed of light, chaffy matter of no value.

Use 1 qt. to 300 sq. ft., 4 to 5 bus. per acre. Qt. 20 cts., by mail 30 cts., 2 qts. 35 cts., 3 qts. 50 cts., 4 qts. 60 cts., pk. \$1.15, ½ bus., \$2.25, per measured bushel of 24 pounds, \$4.50.

PUTTING GREEN MIXTURE

The very finest hardy low-growing grasses are contained in this mixture, producing a close and lasting green turf. Qt. 30 cts., pk. \$1.75, ½ bus. \$3, bus. of 24 lbs. \$6.

GOLF LINKS MIXTURE

Composed of such grasses as will produce a turf suitable for golf links, cricket-tables or polo grounds. Qt. 20 cts., pk. 90 cts., bus. of 20 lbs. \$3.50.

SHADY NOOK LAWN MIXTURE

A mixture of grasses best adapted for sowing in shady places where other grasses will not thrive. In nearly all lawns where there are trees, there will be found bare, unsightly spots which can be made green and bright by using this mixture. Per measured bush. of 20 lbs., \$6, ½ bus. \$3, pk. \$1.75, qt. 25 cts., by mail, 35 cts.

LAWN FERTILIZERS

Stable manure should never be used as a top-dressing on a lawn, as it always contains large quantities of noxious weed seeds, and is objectionable on account of unsightliness and disagreeable odor.

BECKERT'S ODORLESS LAWN AND GARDEN FERTILIZER. A clean high-grade fertilizer, free from disagreeable odor, especially prepared for us. When applied to the lawn, it produces a rapid and rich growth of grass and can be applied in the fall or spring. When used in the garden, it can be applied before or after planting, and during the growing season several additional applications at intervals will intensify its beneficial action. Apply about 10 lbs. to 300 square feet, or 1,500 lbs. per acre, more or less according to the conditions of the soil. 10 lbs. 45c., 25 lbs. 90c., 50 lbs. \$1.50, 100 lbs. \$2.50, 200 lbs. \$4.50, 500 lbs. \$11.75, 1,000 lbs. \$22.50, 1,500 lbs. \$33, ton \$43.

CANADIAN UNLEACHED HARDWOOD ASHES. Unequaled as a fertilizer for lawns. Not alone acting as a stimulant, but supplies natural plant-food, permanently enriching the soil. Cheap, clean from weed seeds, and no offensive odor. Apply in the fall or early in spring, so that the rain may leach the ashes and carry the elements down to the roots of the grasses, producing a rapid and rich green growth. Apply 1,500 to 2,000 lbs. per acre. Per sack of 10 lbs. \$1.50, per 400 lbs. \$4.75, per 1,000 lbs. \$11, per ton \$20; no smaller parcels than sack lots.

PURE RAW BONE MEAL. Contains nothing but pure raw animal bone. Vastly superior to steamed bone. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.30, 100 lbs. \$2.10, 200 lbs. \$3.90, 500 lbs. \$9.25, 1,000 lbs. \$17.50, per ton \$33.



**BECKERT'S
EVERGREEN LAWN SEED**

PRODUCES A FINE LAWN BY JUNE

WEIGHS 24 POUNDS PER BUSHEL

**BUSHEL, \$4.50; PECK, \$1.15; ONE-HALF PECK, 60 Cts.
3 QUARTS, 50 Cts.; 2 QUARTS, 35 Cts.
1 QUART, 20 Cts.—BY MAIL, 30 Cts.**

W.C. BECKERT
103 FEDERAL STREET
PITTSBURG, PA., NORTH SIDE