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Spring 1918-1919 GARDEN GUIDE

ARTHUR T. BODDINGTON CO. INCORPORATED

128 Chambers St.
NEW YORK CITY

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U.S. DEPT. OF AGRICULTURE

MASTERPIECE BEAN

BIG BOSTON
LETTUCE

GOLDEN
BANTAM
CORN

BODDINGTON'S
EXHIBITION PARSLEY

BODDINGTON'S
EARLY MODEL
RED GLOBE BEET

CRIMSON
GIANT RADISH

"COVER COLLECTION"

The six best Vegetables,
as illustrated, for 50 cts.

- 1 pkt. Bush Bean, Masterpiece
- 1 pkt. Sweet Corn, Golden Bantam
- 1 pkt. Beet, Early Model Red Globe
- 1 pkt. Lettuce, Big Boston
- 1 pkt. Parsley, Boddington's Exhibition
- 1 pkt. Radish, Crimson Giant

Postage paid east of the Mississippi
River; if west, add 10 cents

Calendar of Operations for Growing Vegetables for Home Use or Exhibition

By EDWIN JENKINS, Supt. Bellefontaine Gardens, Lenox, Mass.

[For the purpose of reckoning dates, New York is taken as a standard. Allow six days' difference for every hundred miles of latitude]

JANUARY AND FEBRUARY. Plan out your garden for the coming season, and order your seeds without delay, so that you will have everything at hand when the rush of spring work begins. Our staff has time to give early orders minute attention, which is not always possible in the hurry of March and April.

If you have a greenhouse, sow your exhibition onions and leeks, and for general use globe artichokes, celery, eggplant, peppers, cauliflower and early cabbage; use a rather rich soil.

MARCH. Those who are without greenhouse facilities should make up hotbeds as early as possible this month and sow the beforementioned seeds; with care they will not be far behind when planting-out time arrives. Sow now, Brussels sprouts, lettuce, parsley, and the main crop of tomatoes. By the middle of this month the onions, leeks and artichokes should be nice thrifty plants in 4-inch pots, and should be kept in a night temperature of 55°; syringe regularly to keep down red spider, but be careful not to break the leaves. Eggplants, peppers, cauliflower and cabbage should be potted or pricked out in flats, giving liberal room for growth; all these are subject to attacks of green fly and the best way to deal with this pest is to dip all the plants in a one-to-forty mixture of X-L-All Insecticide. Another sowing of all the kinds sown in February should be made now and as soon as the heat has partially subsided in the hotbeds, sow forcing carrots, beets, early Barletta onion, radish and spinach. For those who can afford the room it is a good plan to start some peas in boxes with removable bottoms, and when outside weather conditions permit, plant them out; they will be ready generally a week or more in advance of those sown outside. As soon as the frost is out and the ground has dried enough to walk on without sticking, sow carrots, beets, spinach, parsley and several rows of different varieties of peas.

APRIL. Dress the asparagus bed with nitrate of soda at the rate of five hundred pounds to the acre. If the strawberries have lifted with the frost roll with a heavy iron roller and give them a sprinkling between the rows with some complete fertilizer. All the various herbs should be sown now, as well as more peas, beets, carrots, etc. Sow some rhubarb and asparagus, so as to have good young plants coming along to take the place of those dug up for forcing, chicory, witloof and sea kale are valuable additions to the winter vegetables, which may be had if sown now. Toward the end of this month the cauliflower, cabbage and celery sown in the greenhouse may be planted outside, and another sowing should be made. April is a month of treacherous weather, and great care should be taken with the ventilating of frames, not to check any of the plants with cold draughts and still admit all the air possible; cover the frames and hotbeds every night with litter or mats. Remember the old adage "safe bind, safe find." Those who have the room should start one planting of sweet corn in pots; with reasonable care it will be a week or more in advance of the crop sown outside. (For preparation of ground for the exhibition roots, etc., see October notes.)

MAY. Sow main crop of onions as early as local weather conditions will permit; sow all the tender vegetables, as lima and string beans, corn, squash, melon, cucumbers, okra, etc. While there is always a chance of losing a sowing of these, yet it is worth while running the risk for the chance of getting a week to ten days longer season. The artichokes, onions and leeks should be planted out during the first or second week and great care should be taken to prevent wilting from hot, drying winds; an occasional spraying on hot days will be found very beneficial. On ground specially prepared, and during the first week in the month, sow the roots for exhibition (carrots, parsnips, long beets and salsify); when large enough to handle thin them to about 10 or 12 inches apart. Sow succession crops of beets, carrots, peas, lettuce, radish, spinach, cauliflower and cabbage; the winter crop of celery should be sown now.

JUNE. The main planting season is now over, but do not forget to keep up the succession sowings of lettuce, beans, peas, beets, radish, cauliflower, etc.; it should be the gardener's pride to keep up a steady supply of fresh young vegetables of all kinds. Give the onions, leeks, carrots, etc., growing for exhibition, an occasional light dressing with bone meal, guano, soot, lime, or any good complete fertilizer. Dust the melons, squash and pumpkins with slug-shot to keep down the squash bug. Spray the potatoes with bordeaux mixture and arsenate of lead.

JULY. Make another sowing of corn and spray the potato at least twice this month with the same mixture as above. Plant out winter celery on well-enriched land, either in trench or on the level. There is usually some difficulty in getting head lettuce from the middle of this month until the first of August. Our experience has been that with good irrigation in open frames, and with water at hand, there is no difficulty. We have found the variety Big Boston the most satisfactory. Several doses of liquid manure will be of great assistance to all the exhibition stock. Plant out liberal quantities of cauliflower now for fall use. Sow tomatoes and cucumbers for winter use in the greenhouse.

AUGUST. Run the cultivator between all crops where it is possible, as this will conserve moisture and keep the weeds down. Sow in frames dwarf peas, beans, radish, spinach, and lettuce. Make and spawn mushroom beds. If you have no regular mushroom house, under the greenhouse bench or a shed or barn cellar will do. The exhibition onions will have finished growing by the end of this month and should be carefully lifted and put on excelsior to dry in a sunny, airy place. Handle with care as they are easily bruised.

SEPTEMBER. In many parts of the country frost may be expected this month and tender things should be protected with mats, boxes, pine branches, or anything that is handy; usually, if we can get through the early fall frost without injury, there is a few weeks of good weather afterward.

OCTOBER. This is a month of strenuous work for the man who wishes to have good exhibition vegetables next year, and right now the ground should be selected for growing peas, lima beans, artichokes, onions, leeks, Brussels sprouts, parsnips, carrots and other root-crops. First try to select a place where water is near-by; next where the soil is naturally deepest, then, after determining how much space the several kinds will take, proceed to open trenches at least 3 feet deep and from 4 to 6 feet apart (the reason for making the trenches so far apart is to use the top soil from between for filling, disposing of the bottom 2 feet from the trench in this space). This may seem rather a wasteful method, and of course can hardly be practiced where land is very scarce; still with a liberal amount of manure in this sub-soil lots of crops may be grown in it. Do not mix anything but well-rotted manure and about a pailful of bone meal to each 20 feet of trench, unless it is a sprinkling of lime. If the land is level a good plan is to leave the trenches open all the winter so as to let the frost exert its pulverizing influence on the soil, but if the ground slopes much it is better to refill at once to avoid washing in the spring thaws. Land prepared this way is better for all crops and will not suffer when the dry, scorching summer weather wilts and shrivels crops on shallow soils. Forcing asparagus and chicory may be commenced this month and these will be much appreciated as other fresh vegetables become scarce. Tie up endive and cover with straw to blanch.

NOVEMBER. The work of the foregoing month should be continued as long as the weather will permit. Dig up roots of rhubarb and asparagus for winter forcing. Store winter celery and all root crops not already in.

DECEMBER. Profit by the past season's experience with the several varieties of all the different crops and make up your seed order with the idea of getting the best.



No Advance in Our Seed Prices for 1919

IN accordance with our pledge to the WAR INDUSTRIES BOARD to effect every possible economy in printing and paper, we are not publishing a new catalogue this year.

Prices listed in this catalogue are subject to change without notice after present stocks are exhausted.

ARTHUR T. BODDINGTON CO. Inc.

Jan. 1, 1919

128 Chambers Street, New York City

"THE HOE BEHIND THE FLAG"—PLANT A GARDEN

"Everyone who creates or cultivates a garden," says President Wilson, "helps, and helps greatly, to solve the problem of the feeding of the nations . . . with whom we now have made common cause."

DELIVERY TERMS—PLEASE READ CAREFULLY

WE PAY TRANSPORTATION by parcel post, express, or freight, at our option, on all flower and vegetable seeds, except Peas, Beans, and Corn, to any point in the United States, if cash accompanies the order. If prepayment of postage on Peas, Beans, and Corn is desired, add to your remittance as indicated on pages in the catalogue where these items are listed.

WE DELIVER BULBS FREE of transportation charges in the states east of the Mississippi River if your order amounts to \$1 or more and is accompanied by cash. If prepayment to points west of the Mississippi River is desired, 15 per cent of the value of the order must be added to your remittance to cover transportation.

WE DO NOT PAY TRANSPORTATION CHARGES on Miscellaneous Garden Supplies, Implements, Fertilizers, Insecticides, Potatoes, Grain and Grass Seeds (other than Lawn Grass Mixtures), Peas, Beans, Corn, Plants and Clumps.

The foregoing conditions apply to goods ordered from this catalogue at prices quoted therein.

TO FOREIGN AND COLONIAL CUSTOMERS

We do not prepay transportation charges to foreign countries, or to the colonial possessions of the United States. It is, however, our practice to add extra articles, wherever practicable, to offset the costs of transportation.

Remittances should be made by Draft on Bank, Post-Office Order, Registered Letter or Express Money Order. When Personal Checks are sent, please add 10 cents for exchange. Small sums may be sent in loose postage stamps of small denominations. *Particular care is essential in having name, post office, county and state distinctly written.* We receive many orders deficient in these important particulars, often causing a delay of weeks in executing them, to the great inconvenience of both parties. *Charge accounts are readily opened to all persons of approved credit.*

Non-Warranty.—Arthur T. Boddington Company, Inc., give no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any Seeds, Bulbs, or Plants they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. **All claims must be made within 5 days after receipt of goods.**

Recent Novelties in Vegetable Seeds

The following are careful selections of the best novelties and represent the cream of the latest productions of American and European plant-breeders. All have been selected for their advancement on existing types, and should be grown in every up-to-date kitchen-garden and for exhibition purposes. Apart from these offerings, we specially desire to call the attention of customers and prospective buyers to the general list of vegetables following. If in doubt, go by the rule—that is, the heavy line under the name; these are well-tried varieties, and by adhering to the rule you will automatically select the kinds most suitable for general cultivation.

PLEASE ORDER BY NUMBER

Cauliflower, Supreme 561

This new variety possesses the habit and characteristics that distinguish our Snowball, but it is considerably larger and finer. For purity of color and fineness it excels all other varieties. It is a mid-early variety, and can be treated either as a summer or an autumn sort. Pkt. 30 cts., 4 pkts. \$1.

Onion, Cranston's Excelsior 988

THE WORLD'S CHAMPION EXHIBITION ONION

An extremely large Onion, the most popular exhibition variety in the British Isles. It is globe-shaped and in color a pale yellow; the flavor is very mild. An extra-long keeper, it remains sound after many other varieties have decayed. It is not uncommon to grow bulbs of this variety exceeding $3\frac{1}{2}$ pounds in weight and 21 inches in circumference. Our stock is the raiser's own selected seed. Pkt. 35 cts., 3 pkts. \$1.



Dwarf String Bean, Plentiful

BEANS

Perfection. 348. Stringless. Pods almost round, extremely fleshy, succulent, and remain in excellent condition for cooking long after ordinary Dwarf Beans have become tough. The plant has a branching habit, which prolongs the time of bearing, and the fine handsome pods are freely produced. $\frac{1}{2}$ pt. 50 cts., pt. \$1, qt. \$2.

Masterpiece. 343. Has proved to be a distinct advance on varieties previously grown. Comparative trials leave no room for doubt as to its superiority. The plant is robust in constitution, unusually prolific, and the long pods are straight, handsome, and tender. As a very quick grower, Masterpiece will be a valuable addition to the varieties adapted for forcing. Pt. \$1, qt. \$2, $\frac{1}{2}$ pk. \$7, pk. \$13.

Plentiful. 344. Stringless. A perfectly distinct Dwarf Bean, bearing an abundant crop of long, broad pods which have the advantage of being practically stringless. One of the earliest varieties; we confidently recommend it. Pt. \$1, qt. \$2, $\frac{1}{2}$ pk. \$7, pk. \$13.

Corn, Platt's Evergreen

A greatly improved strain of the well-known Stowell's Evergreen, bearing longer, narrower kernels and larger ears, 18 to 20 rows to the ear. The field from which our stock seed was selected yielded 175 bushels per acre, every stalk having two ears. Pkt. 20 cts., $\frac{1}{2}$ pt. 30 cts., pt. 55 cts., qt. \$1.

Lettuce (Cabbage)

Market Favorite 867

We expect that this variety will very soon be the leading Cabbage Lettuce grown for market. In habit, size, and growth it is very similar to Trocadero, but is a good medium green without any tinge of red. This makes it more attractive in appearance. The leaves are tender, but firm in texture, and it packs perfectly. It is suitable for summer or winter growing; it does not run to seed quickly, and at the same time is quite hardy. Pkt. 20 cts., 6 pkts. \$1.

Melon, Barr's Golden Beauty 924

An English melon suitable only for cultivation under glass. Award of Merit, Royal Horticultural Society. A free setter of robust constitution, bearing handsome, golden, netted, oval fruits weighing about 6 pounds. Flesh very deep, of a rich salmon color, deliciously flavored. Pkt. 75 cts.

Boddington's Vegetable Seeds



Colossal Asparagus

ALKEKENGI (*Physalis edulis*) 201

This is the well-known Cape Gooseberry. It is excellent for preserving, and, in fact, is a real Wonder Berry. Pkt. 10 cts., oz. \$1.

ARTICHOKE One ounce will produce 500 plants

Artischoke ARTICHAUT Alcachofa

French Globe. 211. The standard sort. Pkt. 10 cts., oz. \$1.

Large Globe, or Paris. 212. The finest of all Globe Artichokes. Pkt. 25 cts., oz. \$1.25.

Jerusalem (*Helianthus tuberosus*). Distinct from the Globe, and propagated by and for its tubers. Largely used for pickling and boiling, and for feeding stock. Bears a handsome, decorative flower—in fact, it is a sunflower. Price of tubers: Qt. 30 cts., pk. \$1.75.

ASPARAGUS One ounce will plant about 50 feet of drill

Spargel ASPERGE Esparrago

Colossal. 221. The standard sort. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. \$1.25.

Early Giant Argenteuil. 222. Earlier, more regular and better yielder than Conover's Colossal. Pkt. 5 cts., oz. 10 cts., lb. \$1.25.

Palmetto. 223. Of southern origin. Bright green; very desirable. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. \$1.

ASPARAGUS ROOTS. See page 29.

BEANS

Große Bohnen FÈRE DE MARÁIS Haba

Shortage of Beans. We regret to have to report again short crops of Dwarf Beans, due to unsuitable weather conditions, and there being practically no Beans carried over, the supply is smaller than that of last spring.

Beans by Parcel Post. The prices given in this catalogue for Beans of all kinds are for the same to be sent by express or freight, at purchaser's expense. If pints or quarts are wanted sent by Parcel Post, remit extra as follows: To points east of the Mississippi River, add 8 cts. per pt., 12 cts. per qt.; to points west of the Mississippi River, add 15 cts. per pt., 25 cts. per qt.

ENGLISH or BROAD BEANS

Sow in drills 2 feet apart, as early in the spring as the ground can be worked (these are as hardy as peas). In order to get them into pod before the heat of summer when in pod, break off the top of the plant to check the growth. Plant and hoe the same as for Dwarf Beans. A strong soil suits them best.

Johnson's Wonderful. 251. Long pod; very early, hardy and bears freely. Pt. 40 cts., qt. 75 cts., pk. \$5.25.

Green Windsor. 252. The best variety for the latitude of New York; not so subject to black fly; very tender and delicious. Pt. 40 cts., qt. 75 cts., pk. \$5.25.

BUSH LIMA BEANS

One quart will plant 200 feet of drill

Plant about May 20, in light, rich soil, in drills 2 feet apart, dropping the seeds about 1 foot apart in the row, and cover 2 inches.

New Improved Bush Lima. 263. Similar to Burpee's Bush Lima except that pods are larger in size and are well filled with larger and thicker Beans. A far greater producer, growth more vigorous, the blossom-bearing stalks are thrown well out of the foliage, and are ready for picking a full week earlier. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

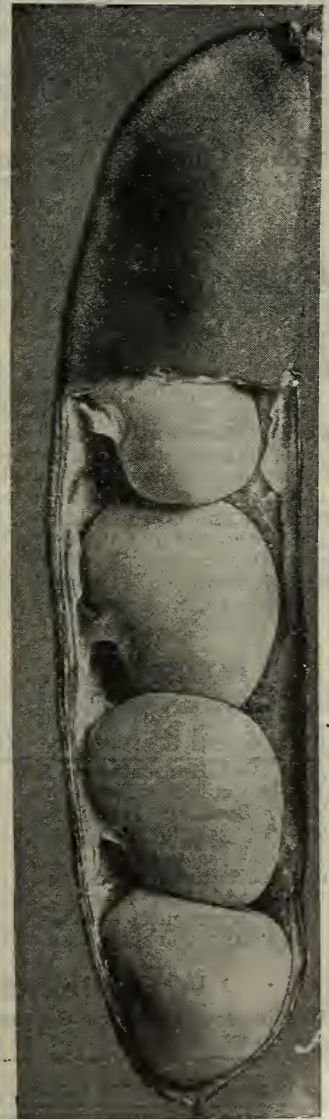
Burpee's Bush Lima. 264. A bush form of the large Pole Lima, the Beans being large and flat like those of that variety. Productive and good. Pt. 45 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.75.

Dreer's Bush Lima. 265. The bush form of Dreer's Improved Lima, the Beans growing close together in the pods. Pt. 45 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.75.

Dreer's Wonder Bush Lima. 266. An improvement on Burpee's Bush Lima, being earlier. The plants are upright and compact in growth, and are completely covered with large pods, many of which contain four Beans, which are large and flat. Pt. 45 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.75.

Fordhook. 267. A more erect form of the Popular Challenger or Potato Lima, and ten days earlier. Both pods and Beans are almost twice the size of the Kumerle or Dreer's Bush Lima. Pods measure 4 to 5 inches, frequently containing four fine Beans of the finest flavor. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

Henderson's Bush Lima. 268. Early and very productive. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.



Fordhook Bush Lima Beans

Pole or Running Beans

Stangenbohnen

HARICOT A RAMES

Judia

Lima or Shell Beans are not to be planted too early or they will rot; May 20 to June 1 in the latitude of New York is about right. Put five or six seeds in hills, 3 to 4 feet apart each way, placing them edge-wise with the eye downward, and covering 2 inches deep. They require a pole 7 feet high, and a nice, warm loam. Pinch back when the vine reaches the top of the pole, and the yield will be increased. They may be started early under glass in small boxes, and transplanted about the time the seeds are usually planted. Limas are the most popular table Bean; surplus stock may be ripened and dried for winter use.

One quart will plant 100 hills

POLE LIMA BEANS

Burpee's Giant-podded.

279. This is the largest-podded and heaviest cropper of all Limas. The pods are truly gigantic in size, frequently measuring from 7 to 8½ inches in length, and 1½ to nearly 2 inches in width. The Beans are extra large, and thicker than any other Pole Lima, excepting only those of the Potato-Lima type; they are invariably of superb flavor. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

Carpintera. 280. The vine is very strong, of vigorous growth; is a broad-seeded Bean and much thicker than the ordinary Pole Lima. Pt. 45 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.75.

Dreer's Improved Pole Lima. 281. A great improvement upon the Large Lima, being more productive and better. Pt. 40 cts., qt. 75 cts., ½pk. \$3, pk. \$6.

Early Leviathan. 282. The pods are long and straight, and contain four and five Beans. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

Extra-Early Jersey Lima. 283. Fine flavor, early and productive. Pt. 40c., qt. 75c., ½pk. \$3, pk. \$6.

Ford's Mammoth. 284. One of the largest, the pods containing from five to eight Beans. Pt. 40 cts., qt. 75 cts., ½pk. \$3, pk. \$6.

King of the Garden Lima. 285. Large in pod and Bean. Pt. 40c., qt. 75 cts., ½pk. \$3, pk. \$6.

Small Sieva, or Carolina. 287. Early and productive. Pt. 40 cts., qt. 75 cts., ½pk. \$3, pk. \$6.

POLE BEANS GREEN-PODDED

Improved Kentucky Wonder

der (Old Homestead). 298. An improved variety of this well-known Bean. Pods long, green and flat. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

Scarlet Runner. (Boddington's Selected.) 309. A great favorite, both ornamental and useful. Bright scarlet flowers. Used both as a string and shell Bean. Pt. 40 cts., qt. 75 cts., ½pk. \$3, pk. \$6.

POLE BEANS, WAX-PODDED

Horticultural Golden Carmine Wax-podded. 320. Handsome, large, stringless pods. Pt. 50 cts., qt. \$1., ½pk. \$3.75, pk. \$7.

Dwarf or Bush Beans

Buschbohnen

HARICOTS NAIN

Frijolis enano

The varieties of this class are tender, and will not bear much cold. Plant about the middle of April, if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows 2 feet apart, with the Beans 2 inches apart and 2 inches deep in the rows. Keep well hoed, and draw the earth up to the stem, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop.

One quart will plant 100 feet of drill

Boddington's Bountiful.

(Selected.) **331.** Remarkably early. Exceedingly prolific. Long, green pods; always solid, tender and of delicious flavor. The pods are fit to pick **four days in advance of any other variety** of approximate size and merit. This variety is also excellent for forcing or early work in frames. Pt. 40 cts., qt. 75 cts., ½pk. \$3, pk. \$6.

Burpee's Stringless Green-Pod. 332. This variety is earlier than Long Yellow Six Weeks. Pt. 40 cts., qt. 75 cts., ½pk. \$3, pk. \$6.

Canadian Wonder. 333. More vigorous than most other dwarf Beans; large pods; a favorite for table and exhibition; very prolific. Do not sow too thickly. Pt. 40 cts., qt. 75 cts., ½pk. \$3, pk. \$6.

Dwarf Horticultural. 334. Late and very productive. Stringless and of excellent flavor. Pt. 55 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

Early Mohawk. 335. Long, flat pods; early, hardy, productive. Pt. 40 cts., qt. 75 cts., ½pk. \$3, pk. \$6.

Earliest Red Valentine. 336. Usually ready to pick in thirty-five days from time of planting. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

Extra-Early Refugee. 338. Large, productive; tender, fleshy pods. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

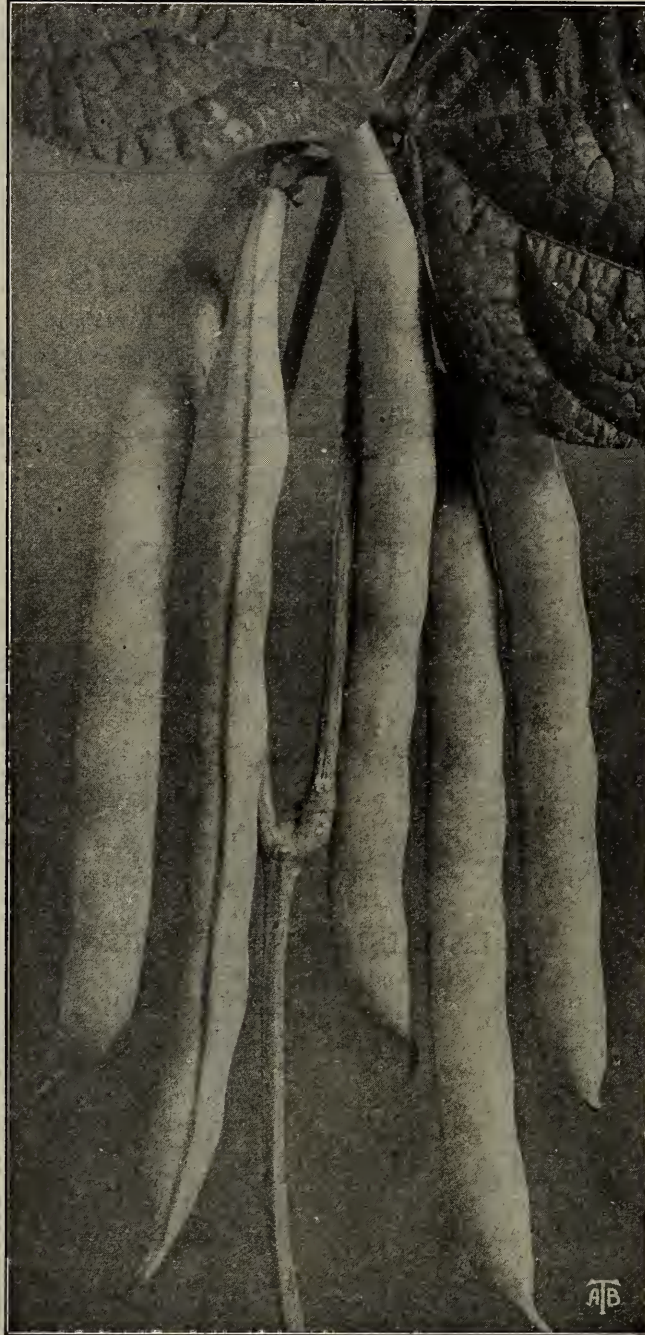
Longfellow. 339. Extra early, very prolific and long-bearing; flat, green pods, tender and stringless. Pt. 40 cts., qt. 75 cts., ½pk. \$3, pk. \$6.

Long Yellow Six Weeks. 340. Very early and productive; full and flat pods. Pt. 40 cts., qt. 75 cts., ½pk. \$3, pk. \$6.

Mammoth Stringless Green-Pod. 341. One of the earliest green-podded sorts, produces large handsome pods some of which measure fully 6 inches in length. Pt. 40 cts., qt. 75 cts., ½pk. \$3, pk. \$6.

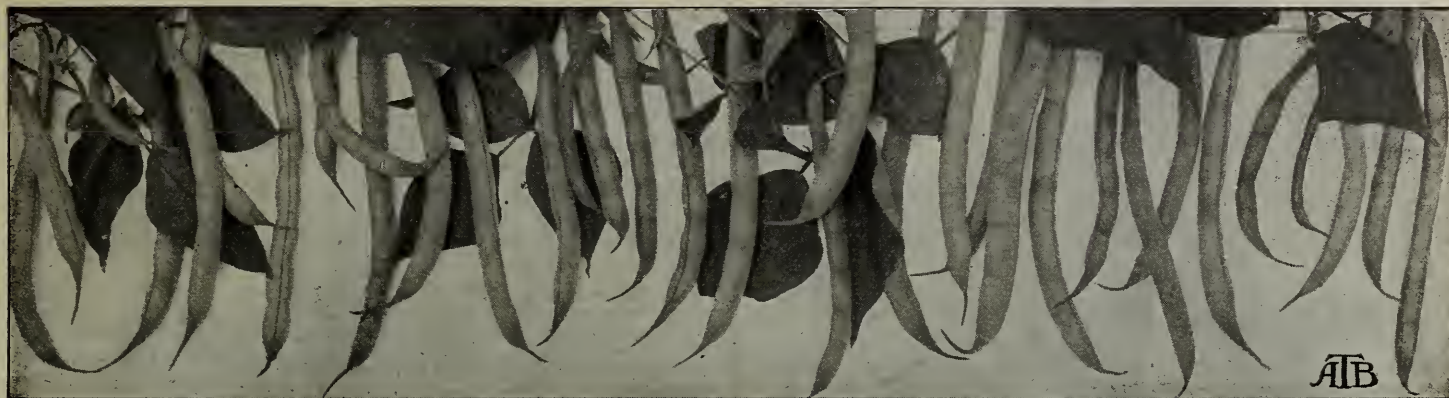
Ne Plus Ultra. 342. An extra-early sort. Green, full, flat pods; exceedingly productive; one of the best for forcing under glass. Pt. 80 cts., qt. \$1.50.

The crop of Dwarf Green- and Wax-podded Beans is unusually short this season, due to early frosts, rain and snow last autumn, and the exhaustion of last year's stock.



Bountiful Beans

Beans by Parcel Post. The prices given in this catalogue for Beans of all kinds are for the same to be sent by express or freight at purchaser's expense. If pints or quarts are wanted sent by parcel post, remit extra as follows: To points east of the Mississippi River, 8 cts. per pt., 12 cts. per qt.; to points west of the Mississippi River, 15 cts. per qt., 25 cts. per qt. **Packets of all varieties of Beans, 10 cts. each, postpaid.**



Boddington's Beans

**DWARF or BUSH BEANS
GREEN-PODDED**

Refugee, or Thousand-to-One.
346. Pt. 35 cts., qt. 65 cts., ½pk.
\$2.50, pk. \$5.

Sutton's Masterpiece.

343. Introduced by Sutton & Sons in 1910, and has proved to be a distinct advance on varieties previously grown. The comparative trials in their experimental grounds leave no room for doubt as to its superiority. The plant is robust in constitution, unusually prolific, and the long pods are straight, handsome and tender. As a very quick grower, Sutton's Masterpiece will be a valuable addition to the varieties adapted to pot culture. Pt. \$1, qt. \$2, ½pk. \$7, pk. \$13.

Sutton's Plentiful. 344.

Stringless. A perfectly distinct Dwarf Bean, bearing an abundant crop of long, broad pods which have the advantage of being practically stringless. One of the earliest varieties and we confidently recommend it. Pt. \$1, qt. \$2, ½pk. \$7, pk. \$13.

Triumph of the Frames.

345. A good variety for forcing or early outdoor work. Produces a mass of pale green pods; is very dwarf, prolific, and of rich, tender quality. Pt. 80 cts., qt. \$1.50.

Valentine, Black. 347. Pt. 40c., qt. 75 cts., ½pk. \$3, pk. \$6.

DWARF SHELL BEANS

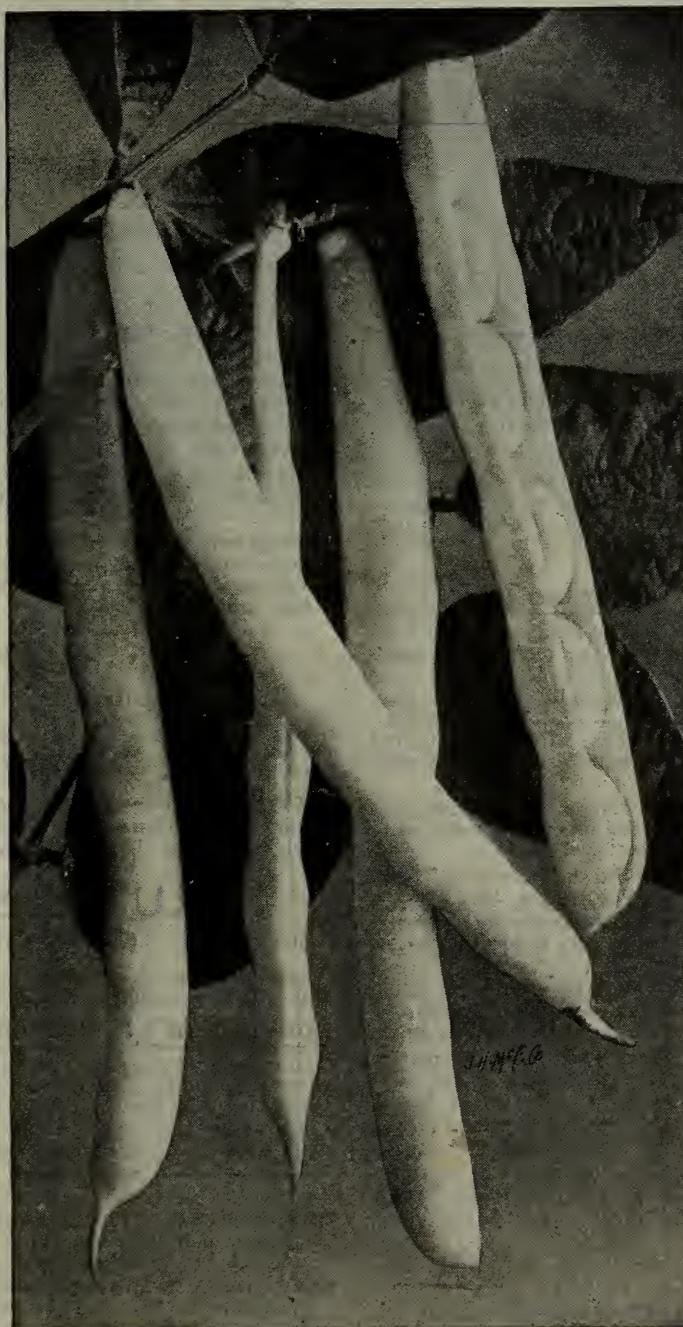
Beans of this type are wholly unsuited for use as snap and green shell Beans and are grown only for their dry seeds, being the varieties chiefly used as baked beans. They are disease-proof.

White Marrowfat. 350. Extensively grown for sale as a dry Bean for winter use. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

White Kidney, or Royal Dwarf. 351. A superior kind for baking. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

Boston Pea Bean (Navy). 352. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

Red Kidney. 353. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.



Beans, Hodson Kidney Wax

**DWARF or BUSH BEANS
WAX-PODDED**

Black Wax, Improved. 358. Perfectly round pods; long, very tender and brittle. It is a good mid-season variety; very productive. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

Currie's Rust-proof Black Wax. 360. Pods long, flat and straight, of beautiful golden color. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

Davis Wax. 361. A rustless, productive Wax-podded Bean. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

Flageolet Wax. 362. Scarlet; unsurpassed in flavor. Pt. 45 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.75.

Golden Wax, Improved. 363. Free from rust; larger in pod and more prolific than the old variety. It is also handsome and robust. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

Golden-eyed Wax. 364. Early and free from rust; pods flat and larger than the Golden Wax. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

Hodson Kidney Wax.

365. The pods are late in maturing and are unusually free from blight or rust. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

Keeney's Rustless Wax.

366. The pods are thick and meaty, entirely stringless, tender and of fine quality. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

Refugee Wax. 368. Suitable for early and late sowing. Long, round, yellow wax pods. Pt. 45 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.75.

Round-Pod Kidney Wax (Brittle Wax). 369. Same as Wardwell's Kidney, but with round pods. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.

Wardwell's Dwarf Kidney Wax. 371. A perfect kidney shape. It produces a heavy crop of wax pods which are long, flat, showy and not liable to rust. A very desirable sort. Pt. 50 cts., qt. \$1, ½pk. \$3.75, pk. \$7.



Boddington's Early Model Red Globe Beets

BEETS

One ounce will sow 50 feet of drill;
5 to 6 pounds for an acre

Salatrübe BETTERAVE *Remolacha*

The soil best suited for Beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin out to stand 6 inches apart in rows. Continue for a succession as late as the middle of July.

Boddington's Early Model Red Globe. 383. This Beet is perfect in shape, has a very small tap-root, very little foliage; is very early and of a deep, rich color, and should take the place of all globe or flat, round Beets. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1., lb. \$3.

Boddington's Exhibition Long Purple. 384. Unequaled for form, smoothness, color and quality of the root. It was certificated at the Vegetable Conference as the best type of dark Beet. Always cuts well. Pkt. 25 cts., 5 pkts. \$1.

Bastian's Early Blood Turnip. 385. Larger than Dark Red Egyptian; tender and sweet; retains its blood-red color after cooking. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Columbia Blood Turnip. 386. Smooth skin, deep blood-red flesh; rich and tender. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Crimson Globe. 387. One of the finest Globe Beets; fine, globular shape; flesh rich, deep crimson; fine quality, very tender and sweet. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1., lb. \$3.

Crosby's Egyptian. 388. A selection from Early Egyptian, which retains the earliness of the parent stock; rapid grower and can be sown outside as late as July. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Detroit Dark Red Turnip. 389. A grand Beet; roots are perfect turnip shape; one of the deepest red Beets. Quality of the best; sweet and tender. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Dewing's Improved Blood Turnip. 390. Of fine form and flavor; deep blood-red. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Early Blood Turnip. 391. Dark red; well flavored; a favorite for summer and winter use. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Early Flat Bassano. 392. Early; light color. A standard variety. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Eclipse. 393. Early; flesh deep blood-red, firm and sweet. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Edmand's Early Blood Turnip. 394. Deep blood-red; sweet and tender in quality; good marketable size; highly recommended as second-early. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

BEETS, continued

Egyptian. 395. Flat-shaped, extra early, deep-red, tender and sweet. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50

Electric. 396. Extra-early; nearly round; bright red. Fine table quality. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Half-Long Blood. 397. A half-long Beet, of the finest quality; sweet, crisp and tender. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Lentz Extra-Early. 398. Round; dark red; early; small top and fine keeper. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Long Smooth Blood-Red. 399. Large; late; deep blood-red; best for winter. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Non-Bleeding. 400. This variety of Long Beet has the unique quality of not bleeding when cut. Ordinary Red Beets require most careful handling; their color is ruined if the tap-root is broken in digging or the skin is abraded. This new Beet retains its deep color, even if cut into pieces before cooking. An excellent exhibition variety and unsurpassed for the table. Pkt. 25 cts. 5 pkts. \$1.

SWISS CHARD, or SPINACH BEET

Used for "greens;" the leaf-stalks are cooked like asparagus.

Giant Lucullus. 410. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1., lb. \$3.

Green Lyon. 411. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Silver Lyon. 412. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

BORECOLE, or KALE

Krausfohl CHOU VERT *Breton*

Sow about the middle of April, in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating cabbage.

Dwarf Brown. 423. A beautifully curled variety, with spreading foliage; hardy and of fine flavor. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Dwarf Green Curled Scotch. 424. Very hardy, and improved by moderate frost. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

Tall Green Curled Scotch. 425. The best for winter; very hardy. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

Siberian, or Sprouts. 426. Sown in September and treated like spinach, it is fit to cut early in spring. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Variegated, or Garnishing. 427. Extra-choice, selected stock, embracing all the most beautiful and distinct shades of color, varying from white and green to pink and rich crimson. Pkt. 25 cts., 5 pkts. \$1.

BROCCOLI

Spargelfohl BROCCOLI *Broccoli*

Sow the first week in May, in drills 3 to 4 inches apart, covering the seeds lightly. When the leaves are about 3 inches broad, transplant to prepared beds, 2 feet apart each way.

Early Purple Cape. 438. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.

Early White Cape. 439. A hardy and vigorous variety; heads large and firm. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.

BRUSSELS SPROUTS

Rosentfohl CHOU DE BRUXELLES *Berza de Brussels*

Sow in hotbeds, in March or April, and in the open ground in May. Cultivate same as broccoli and cabbage.

Boddington's Exhibition. 450. This strain has been carefully grown and selected for us for a number of years, and we have had the most encouraging reports about it from the largest market-gardeners and others. As a hardy, productive and finely flavored Sprout it cannot be excelled. Pkt. 25 cts., 5 pkts. \$1.

Dwarf Gem. 451. The dwarfest and earliest of all the varieties. Sprouts very solid, and excellent in flavor. Pkt. 30 cts., 4 pkts. \$1.

Improved Dwarf. 452. A dwarf variety; early; produces numerous heads, which are very tender and of fine flavor. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Long Island Improved. 453. Produces handsome, solid, round Sprouts of the best quality. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1., lb. \$3.

Wroxton. 454. Specially selected English variety; fine for exhibition purposes. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.



Boddington's Early of Earlies Cabbage, showing conical heart

CABBAGE

Rohe CHOU One ounce will produce
Berza 3,000 to 4,000 plants

For very early use sow in January or February, in hotbeds; prick out when plants are strong enough into other hotbeds; or sow in coldframes in March, transplant to the open ground when danger from killing frosts is past, in rows 2 feet apart and 18 inches in row. For succession sow in open ground the last of March or early in April. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart, transplant early in July, in rows 2½ feet apart and 2 feet in the row. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed. The late plants are subject to attacks of the cabbage fly, which destroys them as fast as they appear above ground. To preserve the plants, sprinkle them with wood-ashes, air-slaked lime, plaster, slug-shot or tobacco dust early in the morning while the plants are wet with dew.

Boddington's Early of Earlies. 465. The earliest Cabbage of all. Tender and as sweet as asparagus in flavor; attractive. Leaves are pale green, close and compact, and the heads are very conical in shape. Pkt. 10 cts., ½oz. \$1.25., oz. \$2. See illustration above.

Allhead Early. 466. A good keeper and shipper, of fine quality and certain to head, even in the most unfavorable seasons. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1.25.

All-the-Year-Round. 467. It is of medium size, deep green and compact habit, somewhat conical in shape with few outside leaves, very rapid in growth, therefore tender and crisp; flavor delicious. Pkt. 35 cts., 3 pkts. \$1.

All-Seasons. 468. Very popular as a second-early. The heads are large, solid and keep well in winter. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1.25.

Charleston Wakefield. 469. Of the same type as the Jersey Wakefield. It grows about 50 per cent larger, and is ready to cut five days later. Pkt 10 cts., oz. 45 cts., ¼lb. \$1.75.

Christmas Drumhead. 470. An excellent winter variety. Good, solid heads and an excellent keeper. Pkt. 10c., oz. 45c., ¼lb. \$1.75.

Copenhagen Market. 471. It is undoubtedly without a rival as the finest, large, round-headed early Cabbage in cultivation. The heads average about ten pounds each in weight, are very solid, with small core and of fine quality. The plant is short-stemmed, the heads being produced almost on the ground. The leaves are light green, rather small, saucer-shaped, and always tightly folded. Pkt. 10 cts., oz. 60 cts., ¼lb. \$2.

Danish Ballhead Winter. 472. Round, solid, winter sort, largely grown in Denmark for the London market. A fine shipper. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.75.

Danish Roundhead. 473. A late variety, which matures earlier than the Danish Ballhead. The heads are round and have a short stalk, and for solidity this variety is ahead of all others. The interior leaves are pure white and of sweet flavor. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.75.

Early Spring. 474. Extra early; a round, flat head. Pkt 10 cts., oz. 50 cts., ¼lb. \$1.75.

Enkhuizen Glory. 475. Large, early, white and very solid. A fine market sort. One of the best. Pkt. 10 cts., oz. 60 cts., ¼lb. \$2.

Express. 476. Very early; small, solid heads. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1.25.

Filderkraut, or Pomeranian. 477. Highly esteemed for making kraut. Good either for first or second crop. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1.25.

Fottler's Improved Brunswick. 478. An early Drumhead variety, producing solid heads. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1.25.

Improved Extra-Early Jersey Wakefield. 479. Standard early variety; conical in shape; medium-sized heads; very solid; few outside leaves. Pkt. 5 cts., oz. 45 cts., ¼lb. \$1.75.



Carrots, Boddington's Long Red Surrey

CABBAGE, continued

- Improved Early Summer. 480.** Best second-early. Pkt. 5 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.75.
- Large Early York. 481.** Solid and of good size. It endures the heat well; seldom fails to head. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25.
- Large Late American Drumhead. 482.** One of the largest, most solid and best-keeping late varieties; good quality. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25.
- Newark Early Flat Dutch. 483.** Large, solid heads; very popular among Long Island farmers. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50.
- Pearl. 484.** A quite distinct variety, producing round heads of exceeding solidity. It is extremely dwarf. Adapted for use in private gardens. Pkt. 35 cts., 3 pkts. \$1.
- Premium Flat Dutch. 485.** A popular late variety; its keeping qualities are unsurpassed. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50.
- Succession. (Improved.) 486.** One week later than Early Summer, but is double the size, handsome, large and a sure header. Pkt. 5 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.75.
- Surehead. 487.** This is a good strain of Late Flat Dutch, having great reliability for heading. The heads grow large, and are of good texture. It is also a good-keeping variety. Pkt. 5 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.75.
- Summer Ballhead. 488.** Danish Summer Ballhead is equally as hard as the original type, Danish Roundhead, and its keeping qualities are not surpassed by any warm-weather Cabbage. It is to be regarded as a second-early sort, coming to maturity long in advance of the parent type. Its earliness will make it available for all summer. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.
- Winnigstadt. 489.** Large and solid; one of the best for general use. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25.

RED CABBAGE

- Earliest Dwarf Blood-Red. 500.** Quite a distinct, dwarf, compact, pickling Cabbage of tender quality, deep blood-red in color. When sown in the spring, it comes in with the early autumn Cabbages. Differs entirely from the ordinary Blood-Red. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.
- Mammoth Rock Red. 501.** Very large; one of the best heading Red Cabbages for pickling. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25.
- Othello. 502.** The largest, most productive and best-keeping dark red variety. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25.

SAVOY CABBAGE

- American Drumhead Savoy. 513.** Unsurpassed for winter use; heads large, solid, tender. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50.
- Early Dwarf Ulm Savoy. 514.** Superior dwarf variety of fine quality. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50.
- Perfection Drumhead Savoy. 515.** Largely grown on Long Island for the New York market. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

CARROT

Mohre CAROTTE Zonahoria

Carrots, to grow to perfection, require a rich, deep, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 4 inches in the row; sow for main crop in June and July.

One ounce will sow 100 feet of drill; 3 to 4 pounds for one acre

Boddington's Harbinger. 526. (An extra-early variety.) Flesh beautiful, transparent red, sweet and delicate, and entirely free from core. Eminently suited for cultivation under glass, it is quite as early as the Parisian Forcing Carrot and much more productive. It may also be grown in the open. Pkt 10 cts., oz. 50 cts.

Boddington's Long Red Surrey. 527. One of the finest for exhibition purposes. Our stock has been selected with the greatest possible care. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Carentan. 528. Extra early, half-long; coreless; red flesh. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Chantenay Half-Long Scarlet. 529. Stump-rooted variety; broad-shouldered. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Danvers Half-Long. 530. The most popular sort, both for market and family use. A handsome, cylindrical-shaped Carrot of good size and stump-rooted. It is of a rich, dark orange color, grows to large size, is smooth, and has little core. It is a first-class Carrot for all soils, yields a greater weight to the acre than any other variety, and is more easily harvested than the old long varieties. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Extra-Early Parisian Forcing. 531. Extra early, suitable for forcing or open ground. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25.

Early French Forcing. 532. The earliest small Carrot, and exceedingly mild flavored. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25.

Early Scarlet Horn. 533. Medium size; agreeably flavored. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Guerande, or Oxheart. 534. An immense cropper. Pkt 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Half-Long Nantes. 535. Intermediate size. Pkt 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Half-Long Stump-rooted. 536. Main crop; early and productive. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Long Orange, Improved. 537. For field crops and stock-feeding this is the best variety. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

New Intermediate, or St. Valery. (Improved.) 538. Very productive. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50

Sutton's Early Gem. 539. The roots generally attain from 4 to 5 inches in length, and about 3 inches in diameter. Pkt. 10 cts., oz. 35 cts.

White Belgian. 540. Grown for feeding horses and cattle. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



Cauliflower, Boddington's Extra-Early Snowball

CAULIFLOWER

Blumenkohl CHOU FLEUR Coliflor

A good rich soil is essential for the successful cultivation of this delicious vegetable; our most experienced cultivators, however, acknowledge the advantage of a cool, moist season. Pursue the same general directions as recommended for growing cabbage, watering liberally during dry weather. An occasional application of liquid manure is beneficial. When heads are formed and are hard, they should be blanching by drawing the leaves together and tying with raffia or strips of soft cloth.

One ounce will produce 3,000 plants

Boddington's Extra-Early Snowball. 551. The finest and earliest Cauliflower in cultivation. Excellent for exhibition and table purposes. Pure white; finest texture; cannot be too highly recommended. Pkt. 25 cts., ¼oz. \$1, oz. \$3.75.

Conqueror. 552. Almost as early as the best Erfurt, while the head it produces is considerably larger, nearly double in size and weight. The grain is remarkably close and fine and pure white in color. Pkt. 25 cts., oz. \$2.50.

Dry Weather. 553. This grand variety of Cauliflower is especially adapted for sections subject to long, dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. Pkt. 25 cts., ¼oz. \$1, oz. \$3.75.

Improved Erfurt, Earliest Dwarf. 556. One of the earliest and most desirable varieties. Pkt. 25 cts., ¼oz. \$1, oz. \$3.50.

Lily-White. 558. It is undoubtedly the finest Cauliflower for all early work; its close, white heads, well protected by the foliage, always command the highest attention. The quality is excellent and lacks the coarseness of the sorts which have their heads exposed to the weather. Considerable attention and care have been given its selection for several years past, only carefully chosen heads being kept for seed, and we can confidently recommend it. Pkt. 25 cts., ¼oz. 50 cts.

CAULIFLOWER, continued

Large Algiers. 557. A late market variety, producing immense heads of excellent quality. Pkt. 10 cts., oz. \$1.25, ¼lb. \$4.

Sutton's Autumn Mammoth. 559. An excellent succession to Sutton's Early Giant. Heads large and of fine texture. The best results are obtained from spring sowing. Pkt. 25 cts., ¼oz. \$1, oz. \$3.50.

Veitch's Autumn Giant. 560. Vigorous in growth, very large; late. Pkt. 10 cts., oz. \$1, ¼lb. \$3.25.

CELERY

Sellerie CELERI Apios

One ounce will produce 5,000 plants

For early Celery sow seed of White Plume and Golden Self-blanching in flats under glass during February and transplant as necessary. For late Celery sow in the open border as soon in April as the ground can be worked. Transplant 4 inches apart, into temporary beds of soft, rich soil, where they will soon acquire sufficient strength for planting out in beds. Plant in rows 3 feet apart, and set 6 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening those which are wanted for early use.

Boddington's Improved White Plume. 571. A valuable early variety; requires very little labor in blanching; one of the best for early use. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50, lb. \$5.

Boston Market. 572. Of dwarf branching habit, solid, crisp and fine flavor. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.

Crawford's Improved Half-Dwarf, or Gold Heart. 573. White variety; intermediate size; delicious nutty flavor. One of the best. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

Fin de Siecle. 574. This is the largest, hardiest, solidest, crispest, best-keeping winter Celery. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

Gansevoort Market Red. 575. Very select stock. Large and very solid. An excellent table variety. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.75.

CELERY, continued

Giant Pascal. 576. Fine-keeping late sort. The stalks are thick, solid and crisp; golden yellow heart. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1. lb. \$3.50.

Golden Self-blanching. 577.

Requires earthing up more than the White Plume. Rich golden yellow; crisp, tender and of fine flavor; keeps well throughout the season; French-grown. Pkt. 15 cts., oz. \$1.25, $\frac{1}{4}$ lb. \$4.25.

New Rose. 578. Fine flavor; very handsome. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Perfection Heartwell. 579. Medium height, stalks long and thick; crisp, delicious flavor. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Pink Plume. 580. Stems very solid and crisp; extra early and a long keeper. It requires but a slight earthing up. Pkt. 10 cts., oz. 50 cts.

Sandringham Dwarf White. 581. The dwarfest white variety; solid and crisp. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Schumacher. 582. Large, solid and crisp; a fine keeper. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts.

Winter Queen. 583. Very large, solid, green, winter sort; blanches well. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Celery Seed. 584. For flavoring soups. Oz. 10 cts., lb. 75 cts.

CELERIAC, or TURNIP-ROOTED CELERY

A variety of Celery, with turnip-shaped roots, which are white-fleshed, tender and possess the flavor of celery-stalks. Sow the seed in the open ground in April, and treat the young plants the same way as celery.

Apple. 595. Has small foliage and small, smooth roots; for soups. Celeriac may be stored like beets and will keep all winter. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

Large Erfurt. 596. A standard variety, producing turnip-shaped roots. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$3.

Large Smooth Prague. 597. The finest variety yet introduced. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$3.

CHERVIL

Benzenlauch CERFEUIL *Perifollo*

One ounce will sow 150 feet of drill

The curled Chervil is cultivated like parsley and used for garnishing and flavoring soups and salads.

Curled. 608. The young leaves are used for flavoring. Pkt. 10 cts.

Tuberous-rooted. 609. Prepared for the table like carrots. Pkt. 10 cts.

CHICORY

Brussels, Witloof, or French Endive 623

Sichorientwurzel CHICOREE *Achicoria*

The seed should be sown in the open ground not later than June, in drills 12 to 18 inches apart, thinning out the plants so that they will not stand closer than 3 inches. The plant forms long, parsnip-shaped roots, which should be lifted in the fall, cutting off the leaves about 1 $\frac{1}{2}$ inches from the neck and shortening the roots by cutting off the bottoms to within 8 inches of the neck. The roots should then be planted in a trench 16 to 18 inches deep, in a dark, warm cellar or under a greenhouse bench, and placed upright about 1 $\frac{1}{2}$ to 2 inches apart, which will allow the neck of the root to come within 9 inches of the level of the trench. The trench should be filled with a light soil, and, if a quicker growth is desired, this can be accom-



Celery, Golden Self-blanching

cts. oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.,

CHICORY, continued

plished by a mulch of fresh manure about 2 feet deep. It requires about one month to force the roots, and the heads are cut off with a small portion of the neck of the root attached. Pkt. 10 cts., oz. 50 cts.,

Common, or Wild (Barbe de Capucin). 620. This is the variety from which is obtained the French salad, *Barbe de Capucin*. The roots should be transplanted into sand in a warm cellar. Pkt. 5 cts., oz. 25 cts.,

Large-rooted Magdeburg. 621. Cultivated for the roots. Pkt. 5 cts., oz. 25 cts.

Venetian Striped (Orchid Salad). 622. The leaves when blanched are striped-red, rose and yellow, making an attractive novelty in salads. Pkt. 10 cts., oz. 50 cts.

For French Chicory, or Endive, see page 13.

COLLARDS, or COLEWORT

Blatterkohl CHOU COBA *Cabu*

One ounce will produce 3,000 plants

Sow seed as for cabbage, in June, July and August for succession. Transplant when a month old in rows a foot apart each way and hoe often.

Creole, or Southern. 633. Cabbage greens, used as a substitute for cabbage in the South. Pkt. 5 cts., oz. 20 cts.

True Georgia. 634. Pkt. 5 cts., oz. 20 cts.

CORN SALAD, or FETTICUS

Stechsalat MACHE *Macha o Valerianilla*

One ounce will sow 150 feet of drill

Sow during August or early in September, in drills $\frac{1}{4}$ inch deep and 6 inches apart. If the weather is dry when the seed is sown, tread it lightly to insure germination. Just before the winter, cover thinly with straw or leaves.

Large-seeded. 645. The most popular variety grown. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

CRESS (Pepper Grass)

Kresse CRESSON *Berro o Mastuerzo*

One ounce will sow 150 feet of drill

Sow thickly in shallow drills, early in the spring and at intervals throughout the season for a succession, as it soon runs to seed.

Extra Triple Curled. 656. The best variety; leaves beautifully cut and curled; highly prized for garnishing. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Upland, or American. 657. Crisp, tender, perfectly hardy; easily raised in any garden, and has the peculiar spicy flavor of water cress. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.,

WATER CRESS

This wholesome salad may be grown in any moist situation, but more successfully by the edge of a running brook. Sow in May, on the ground where it is intended to be grown and the thinnings transplanted.

True Sweet Water Cress. (Erfurt.) 658. The best sort. Pkt. 10 cts., oz. 50 cts.

The cultivation of a vegetable-garden is the patriotic, pleasant and profitable duty of every American citizen with the facilities at hand.

CORN, SWEET or SUGAR

Zuckermais MAIS
Maiz

One quart will plant 200 hills;
8 to 10 quarts to an acre, in hills

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill. The extra-early varieties can be planted 18 inches in the row and 2 1/2 feet between the rows. In elevated and mountainous districts we would recommend the Early and Second Early sorts only, and plantings to be made not later than June 20 to July 1.

Sweet Corn by Parcel Post. The prices given in this Catalogue for Sweet Corn of all kinds are for the same to be sent by express or freight, at purchaser's expense. If pints or quarts are wanted sent by Parcel Post, remit extra as follows: To points east of the Mississippi River, 6 cts. per pt., 8 cts. per qt.; to points west of the Mississippi River, 10 cts. per pt., 18 cts., per qt.

Black Mexican. 669. Very sweet and of superior flavor; grains black. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Country Gentleman. 670. Very sweet Corn; large ears; one of the best for main crop. Pt. 45 cts., qt. 75 cts., 1/2pk. \$3, pk. \$6.

Crosby. 671. Matures after Minnesota; fair-sized ears of good quality. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Dreer's Aristocrat. 672. A very delicious Sweet Corn; extra early; ears very large. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Early Champion. 674. Very large ears, considering its earliness. Pt. 35 cts., qt. 60 cts., 1/2pk. \$2.25, pk. \$4.25.

Early Cory. 675. A very early variety, with good-sized ears. Pt. 35 cts., qt. 60 cts., 1/2pk. \$2.25, pk. \$4.25.

Early Evergreen. 676. Two weeks earlier than Stowell's Evergreen. Pt. 35 cts., qt. 60 cts., 1/2pk. \$2.25, pk. \$4.25.

First of All. 677. It matures from 3 days to a week earlier than the Cory. The plant is so dwarf that we recommend sowing seed thinly in drills. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Golden Bantam. 678. Is a rapid grower, and produces ears measuring about 5 inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. Pt. 45 cts., qt. 75 cts., 1/2pk. \$3, pk. \$6.

Hickox Improved. 679. Handsome ears, very white and of rich flavor. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Holmes' Delicious Sweet. 680. Distinct variety, ready for gathering five to six weeks from date of planting. It is an extra-early variety and is highly recommended. Pt. 45 cts., qt. 75 cts., 4 qts. \$3, pk. \$6.

Howling Mob. 681. Is ready for use only three to five days later than the extra-early Cory when both are planted at the same time, but the ears are much larger in size, while the grains are much whiter and sweeter. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Kendel's Early Giant. 682. Ears average 7 inches in length; thick through; grains of rich, sugary flavor. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Late Mammoth. 683. Rank in growth; large ears, rich and sweet. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.25, pk. \$4.25.

Livingston's Early Sugar. 684. On hills with three or more plants, we counted from five to seven ears of faultless shape, well-filled to tip. Ears are set well up the stalk, from 20 to 30 inches above the base of plant. Pt. 45 cts., qt. 75 cts., 1/2pk. \$3, pk. \$6.

Metropolitan. 686. Large, handsome ears of fine quality; very early. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Malakoff. 685. Planted May 22, ears are ready by July 4. The kernels vary from white to pale amber. The stalks grow 3 feet high and usually bear two or more small ears; very sweet. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Minnesota. 687. Nearly as early as Early Cory; white cob. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.25, pk. \$4.25.

Morse's Golden Cream. 688. A very early yellow Country Gentleman Sweet Corn. The kernels are long and pointed, the cob is very slender, and the whole ear about as long as Golden Bantam. It is among our earliest varieties, and the color at eating stage is a rich cream, cooking to a light golden yellow. Pt. 45 cts., qt. 75 cts.

Peep-o'-Day. 689. The stalks grow about 3 1/2 feet high, are unusually prolific, producing from two to five ears each. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Potter's Excelsior, or Squantum. 691. A second-early variety; ears large and sweet. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Seymour's Sweet Orange. 692. A most desirable second-early or midseason variety, growing vigorously from 6 to 7 feet in height, and producing an average of two good ears to a stalk. It is fully equal in surpassingly delicious flavor to our famous Golden Bantam. Pt. 45 cts., qt. 75 cts., 1/2pk. \$3, pk. \$6.

Stowell's Evergreen. 693. (Selected stock.) One of the most popular varieties. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

White Cory. 694. Resembles the ordinary Cory, but with white cob. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

White Evergreen. 695. Two, and even three, fine ears are frequently produced on each stalk.

Zig-Zag Evergreen. 696. About 10 days earlier than Stowell's Evergreen. Color pure white; very sweet. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

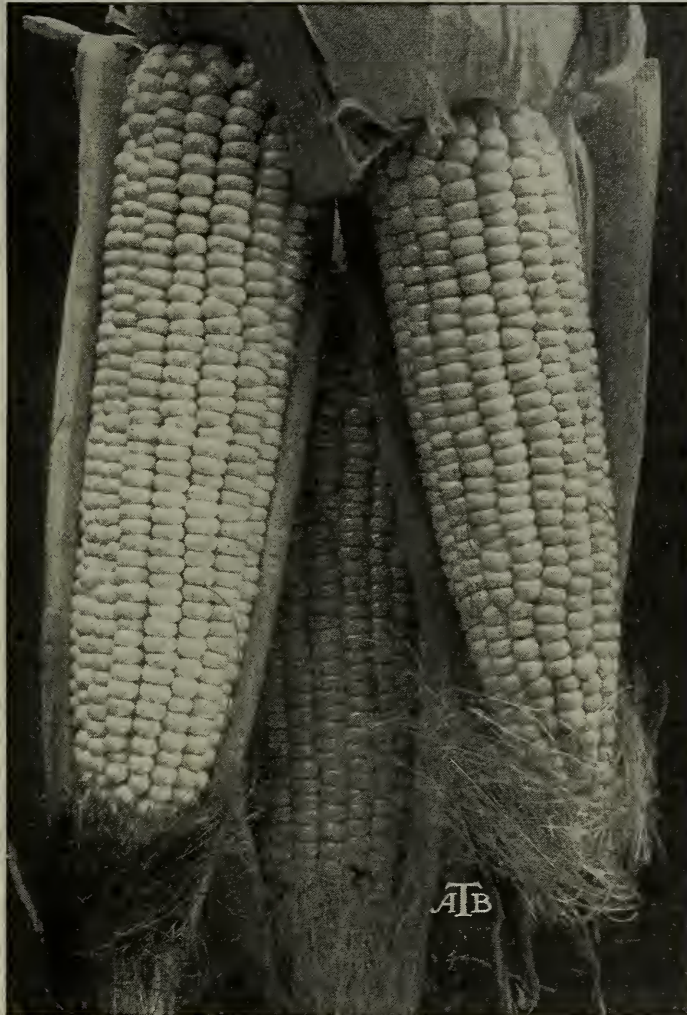
Sweet Fodder Corn. 697. For soiling and green fodder. Price on application.

POP CORN

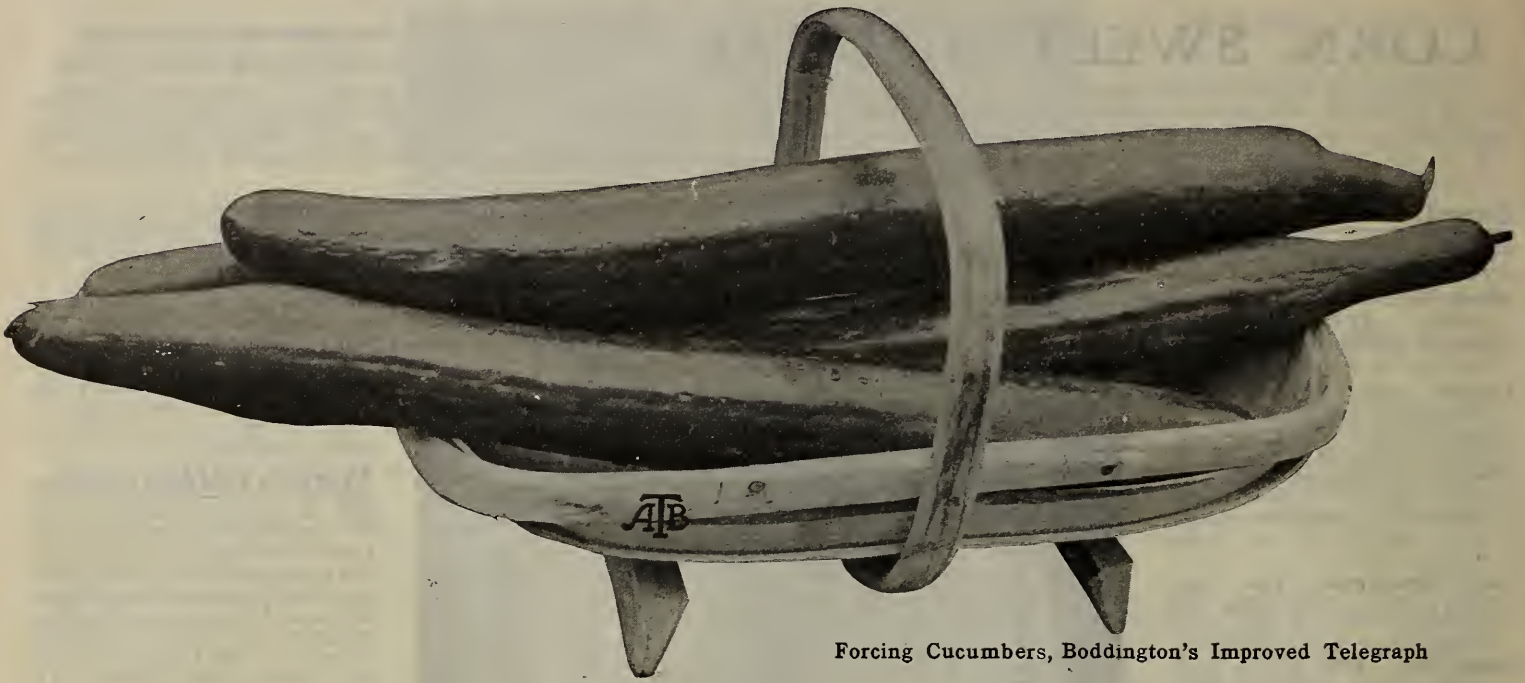
Queen's Golden. 707. Lb. 30 cts., 10 lbs. \$2.50.
White Pearl. 708. Lb. 30 cts., 10 lbs. \$2.50.
White Rice. 709. Lb. 30 cts., 10 lbs. \$2.50.

FIELD CORN

For the leading and best varieties, see page 27.



Golden Bantam Corn



Forcing Cucumbers, Boddington's Improved Telegraph

CUCUMBER

Gurten CONCOMBRE Pepino

One ounce will plant 50 hills; 2 pounds will plant an acre

Sow in the open ground as soon as the weather is settled and warm, and again every two weeks for a succession. For pickles, sow from the middle of June to the first week in July. Sod land, turned over in the fall, is the best for them. Plant in hills 4 feet apart, putting a shovelful of well-rotted manure in each hill.

AMERICAN or OUTDOOR VARIETIES

Boddington's Selected White Spine Improved.

720. A very handsome and uniform early variety. It is very productive, crisp and of fine flavor. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Cool and Crisp. 721. Extra early and very prolific; long, straight, slender and very dark green; good either for pickling or slicing. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Cumberland. 722. The best pickling sort yet introduced; very handsome and productive; flesh firm but crisp and tender. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Davis Perfect. 723. The color, shape and flavor equally recommend it, and as a Cucumber for outside growing it is one of the most prolific. The fruit is straight and free from "bulge" and often measures 12 inches. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Early Green Cluster. 724. Fruit small and in clusters; very prolific. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Everbearing. 725. Small-sized; very early and enormously productive and valuable pickler. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Farquhar's Perfection Forcing. 726. Robust and quick in growth; smooth, uniform and extra long. Pkt. 15 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1, $\frac{1}{4}$ lb. \$3.

Fordhook Famous. 727. Smooth and very dark green; the handsome fruits measure 12 to 18 inches long. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Green Prolific Pickling. 728. One of the best for pickling; dark green. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Improved Long Green. 729. Long and crisp; popular for pickles. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Japan Climbing. 730. Good for frames or open ground. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$3.

Livingston's Evergreen. 731. Very early and prolific; deep green color. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Nichols' Medium Green. 732. Most symmetrical, and a very fine table sort. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Rawson's White Spine. 733. Fruit very even in size and regular in form; color dark green, with white or light spines running from blossom end. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Tailby Hybrid. 734. Very long, and superior for table use. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

West India Gherkin. 735. Used for pickling only. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

White Spine, Extra-Long. 737. A beautiful, large and well-shaped Cucumber. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

ENGLISH CUCUMBERS

For Frames or Forcing Under Glass

Boddington's Improved Telegraph. 748. Rich, dark green. The finest type of Telegraph Cucumber in cultivation, quick in growth, handsome, with very small neck; unusually prolific. Has taken numerous first prizes at leading exhibitions. Pkts. 25 cts., and 50 cts.

Duke of Edinburgh. 749. Very large and long; dull green; quite smooth. Pkt. 25 cts.

Lockie's Perfection. 750. Fine color. Pkt. 25 cts.

Sutton's Delicacy. 752. Fruit dark green, slightly ribbed, with an almost invisible white spine; handle unusually small. The usual length is about 18 inches. Constitution robust; habit extremely prolific. Pkt. \$1.

Sutton's Every Day. 753. The plant sets freely at all seasons of the year, hence the name. Fruit of good length, deep green in color, almost smooth, and of first-rate flavor. Pkt. 75 cts.

Sutton's King George. 754. This new variety is the result of a highly successful cross between Matchless and Telegraph, combining the fine quality of the former with the prolific habit of the latter. We have every confidence that this variety will become an immediate favorite with our customers. Pkt. 75 cts.

Sutton's Matchless. 755. One of the most prolific varieties. Fruit smooth, dark in color, excellent in form, of the highest quality, and has proved a success on the exhibition stage. Pkt. \$1.

Tender and True. 756. Fine form; good color. Pkt. 25 cts.

DANDELION

Barbeblum PISSENLIT *Amargon*

Blanched leaves of this plant make a most delicately flavored and wholesome salad. The quality is improved very much by blanching, which can be easily done by covering over the plants with boards.

One ounce will sow 100 feet of drill

French (Common). 767. Pkt. 5 cts., oz. 50 cts.

Improved Large Thick-leaved. 768. A thick-leaved variety of great productiveness and fine flavor. Pkt. 10 cts., oz. 75 cts.

EGGPLANT

Gierpflanze AUBERGINE *Berengena*

Sow in hotbeds the first week in April; protect the young plants from cold at night. Plant out June 1, 2 ½ feet apart. If no hotbed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in flower-pots or boxes in the house.

One ounce will produce 1,000 plants

Black Pekin. 779. Jet-black fruit of superior quality. Pkt 10 cts., oz. 75 cts., ¼lb. \$2.25.

Early Black Beauty. 780. This beautiful Eggplant is a great improvement over the well-known and largely grown New York Improved Large Purple. The plants are remarkably healthy in their growth, and produce an abundance of large fruits fully ten days earlier than the New York Improved. Pkt. 10 cts., oz. 75 cts., ¼lb. \$2.25.

Early Long Purple. 781. Early, hardy and productive. Pkt. 10 cts., oz. 75 cts., ¼lb. \$2.25.

New York Spineless. 782. A vastly superior type; the plants are of low, stocky, branching habit and absolutely free from spines. It is a very early and continuous producer of handsome purple fruits of the largest size and finest quality; the plants usually bear eight to ten immense fruits before being killed by frost. Such fruits as are large enough may be picked and stored in a warm, dry place at the approach of frosty nights, and they will keep in good condition for some time. Pkt. 10 cts., oz. 75 cts., ¼lb. \$2.25.

New York Improved Purple. 783. Large size; very prolific. Pkt. 10 cts., oz. 75 cts., ¼lb. \$2.25.

ENDIVE, or CHICORY

Endivie CHICOREE *Endivia o Escarola*

One ounce will sow 200 feet of drill

Broad-leaved Batavian Escarolle. 794. This variety is chiefly used in soups and stews; requires to be tied up for blanching. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

Green Curled. 795. The hardiest variety grown; beautifully curled, tender and crisp. Pkt. 5c., oz. 20c., ¼lb. 60c., lb. \$2.

Moss-Curled. 797. More finely curled, heavier and more dense plant than Green Curled. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. \$2.

White Curled. 799. Very tender when cut young; blanches readily. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. \$2.

KALE

See Borecole, page 6.

KOHLRABI

Kohlrabi CHOU-RAVE *Colinabo*

Combines the virtues of the turnip and cabbage, but excels both in nutritive, hardy and productive qualities. The seed may be sown in June, in rows 18 inches apart, and the plants thinned out to 8 or 10 inches.

One ounce will sow 200 feet of drill

Early Short-leaved Purple Vienna. 810. Suitable either for forcing or sowing outdoors. Flesh white, skin bluish purple. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$3.

Early Short-leaved White Vienna. 811. The earliest and best table variety. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$3.

Early White Delicious. 812. The finest variety for frames and early work—does not get tough and woody. Highly recommended for all purposes. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$3.



Kohlrabi
Early
White
Delicious

LEEK

Lauch POTREAU *Puerro*

Sow early in April, in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September; plants transplanted in the spring.

One ounce will sow 100 feet of drill

Boddington's Prizetaker Leek. 823. The long, thick, pure white stems have a most attractive appearance, and to the merit of immense size may be added the advantage of a mild, agreeable flavor. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.75.

Giant Carentan.

824. Produces a large, thick stem and of mild flavor. Pkt. 5 cts., oz. 30 cts., ¼lb. \$1.

Large American Flag. 825. The most desirable for mar-

ket or family use. Pkt. 5 cts., oz. 30 cts., ¼lb. \$1.
Musselburgh. 826. A very large variety of superior quality. Pkt. 10 cts., oz. 35 cts., ¼lb. \$1.

Leek, Boddington's Prizetaker

For FRENCH CHICORY, as served in restaurants, see Witloof Chicory, page 10. A good book on gardening will prevent many mistakes involving loss of time and disappointment. For books on practical gardening, see inside back cover.



May King Cabbage Lettuce (see page 15)

LETTUCE

Lattich, oder Garten Salat

LAI TUE

Lechuga

Sow the seed in hotbeds in February or March, and transplant into a sheltering border with a southern exposure. For successive crops, sowings may be made in the open ground as early as the spring opens, and continuing until July. Always thin out well, or the plants will not be strong. When wanted as cut salad, sow the seed thickly in rows or broadcast.

One ounce will produce about 3,000 plants

CABBAGE LETTUCE

Boddington's Early Coldframe. 837. This is a quick-forming Lettuce. It is a palish green and makes a nice compact heart, with very soft delicate silky leaves. It should be cut as soon as the heart has formed, and it will be found that the outer leaves are as tender and soft as the inner ones, and thus there is no waste. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50.

All Seasons. 838. Seed planted in the open ground in April makes fine heads by July. The closely folded, large, solid heads measure 8 inches across. The outer leaves are a bright soft green; the finely blanched inner leaves are a rich golden yellow, tender and mild in flavor. The heads are broad and nearly flat at the top; they continue to increase in size for about two weeks after they are ready for use. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.75.

All-the-Year-Round. 839. Hardy, compact variety, white, solid and crisp; for summer and forcing this variety is unsurpassed. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Big Boston. 840. Same in color, shape and general appearance as the Boston Market, but double the size. One week later in maturing. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Boston Market. 841. Solid, crisp and compact; one of the best for forcing. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Burpee's Earliest Wayahead. 842. Not only earlier than May King, Nansen and other choice extra-early varieties, but the heads are also larger in size and more tightly folded. Earliest Wayahead stands a long time before running to seed. Pkt 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

California Cream Butter. 843. A splendid variety for summer. It produces a very large and white head. It will stand extreme heat and is slow to go to seed. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.75.

Continuity. 844. The longest standing of all; fine heading sort. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.75.

Denver Market. 845. Large, solid, light green, beautifully curled like a Savoy cabbage; very crisp and tender. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.75.

Early Butter Salad. (Black-seeded.) 846. Tender and crisp; of delicate flavor. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.75.

Early Curled Simpson. 847. One of the earliest and best for market. An excellent variety for forcing. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Giant Crystal Head. 848. A splendid new cabbage Lettuce, very large, solid; outside leaves bright green, inside crystal-white with yellow heart; fine flavor; crisp and tender. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.75.

LETTUCE, continued

Golden Queen. 850. A small early variety, golden yellow color; crisp, tender and juicy. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

Grand Rapids Forcing. 851. Regarded in the West as the best forcing and shipping variety.

Large size, crisp and tender, and will keep from wilting, after cutting, longer than any other sort. Pkt 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.25.

Hanson Improved. 852. Large; hearts quickly and stands the summer well; quality excellent. Pkt 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

Hartford Bronze-Head. 853. Forms large, compact heads of a beautiful, dark bronze-red color, shading to a dark green toward the root. Cut in halves, the heart is a rich cream-yellow. Its tenderness and delicacy of texture make it unfit for market purposes, as it will not bear much handling, but its mild, sweet flavor and icy crispness make it a favorite with all lovers of good Lettuce. Pkt 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

Hittinger's Belmont. 854. A superior forcing variety of white-seeded Lettuce. Large heads and fine quality. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.

Iceberg. 855. Large, solid heads; very handsome, tender and crisp. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. \$2.25.

Immensity. 856. A very large, general-crop variety; good, solid heart; crisp and tender. This variety is rapidly coming to the front. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

Mammoth Black-seeded Butter. 857. A large head Lettuce of splendid quality; lighter in color than the Big Boston. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. \$2.

May King. 858. This grand Lettuce is of great value, owing to its rapid development, fine, tender quality and size, growing on an average about three-fourths of a pound. The color is a light green with yellow heart. Suitable either for growing under glass or in the open ground. Quite hardy; a splendid early variety. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

Mignonette. 859. Heads small, compact; leaves slightly curled; edges tinted brown; splendid quality. Pkt. 10c., oz. 25c., lb. \$2.25.

New York Giant. 860. Bleaches naturally; crisp, tender; always free from bitterness. Pkt. 5 cts. oz. 20 cts., ¼lb. 60 cts., lb. \$2.

Salamander. 861. Excellent summer variety; large heads that stand the drought and heat without injury. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

Silver Ball. 862. Very firm, solid, compact heads of a beautiful silvery white color. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

Simpson. (Black-seeded.) 863. Nearly double the size of the ordinary Curled Simpson; stands the summer well. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

Tennisball, Black-seeded. 864. Forms close, hard heads. Excellent for forcing. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

Tennisball White-seeded. 865. Forms compact head, few outer leaves. Fine for forcing. Pkt. 5 cts., oz. 20c., ¼lb. 50c., lb. \$1.75.

White Summer Cabbage, or Deacon. 866. Summer variety; heads of good size; close and well formed. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

ROMAINE, or COS LETTUCE

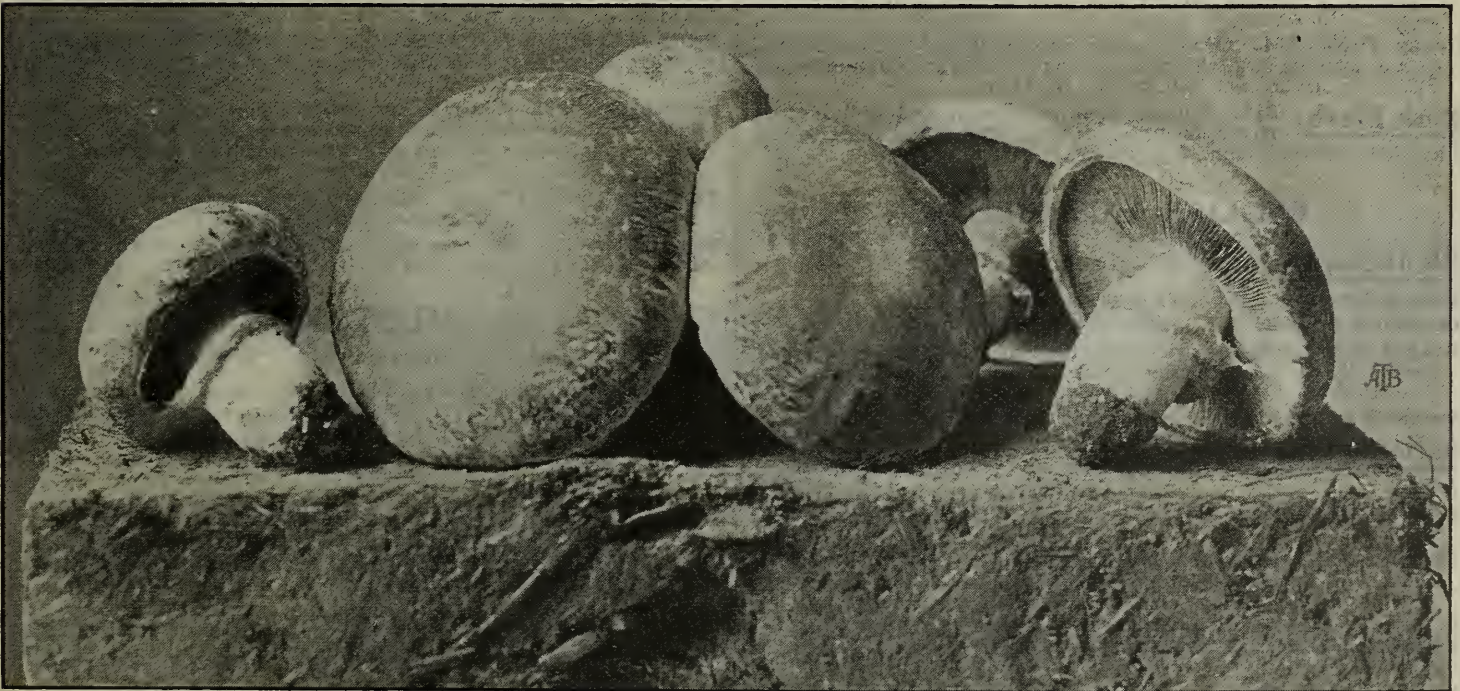
Boddington's Self-folding Cos. 877. The largest Cos Lettuce, self-folding and stands hot weather; heart beautiful clear white. A grand exhibition variety. Pkt. 10 cts., oz. 30 cts., ¼lb. \$1.

Eclipse Cos. 878. The earliest and dwarfest Cos Lettuce. A perfectly distinct variety. It is the dwarfest Cos Lettuce, and produces a firm, crisp heart quicker than other sorts. Moreover, it is the most self-folding variety. In color it resembles the Paris White, but is somewhat greener. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

Express Cos. 879. Dwarf, compact sort, requiring no tying up. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

Paris White Cos. 880. One of the finest varieties for summer use. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. \$2.

Trianon Cos. 881. Long, narrow leaves, which form solid heads. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.



Boddington's Quality Pure-Culture Mushrooms

891 **Boddington's Quality Pure-Culture Mushroom Spawn**

Champignonbrut BLANC DE CHAMPIGNON Seta

PRODUCES MUSHROOMS IN FOUR WEEKS SUPERIOR AS TO QUALITY AND SIZE, AND MORE SURELY THAN ANY OTHER SPAWN

Price of Boddington's Pure-Culture Mushroom Spawn. Brick 30 cts., 1 doz. bricks \$3.40, 100 bricks \$25

CULTURAL DIRECTIONS FREE—IF REQUIRED

892 **ENGLISH MILLTRACK MUSHROOM SPAWN**

Fresh from the most celebrated maker in England. Made in bricks. 10 lbs. will spawn 10 ft. square. Brick 25c., 1 doz. bricks \$2.75., 100 bricks \$22.

The best book on this subject. "How to Grow Mushrooms" (Falconer), \$1 postpaid

MELON, MUSK

Zuftermelone MELON MUSQUE Melon

Cultivate in hills, which should be 5 to 6 feet apart each way, and composed of light, moderately rich soil. Plant in May, ten seeds to the hill, and when the plants are well up, thin out to three. Pinch the ends of the growing shoots to induce early fruiting.

One ounce will sow 50 hills

Boddington's Selected Emerald Gem. 903. Medium size; skin smooth, deep emerald-green; flesh salmon color, delicious flavor. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Burrell's Gem. 904. Color of flesh, beautiful dark salmon or orange. Skin is rather dark green, and rind thin, leaving a thick lining of flesh which is of most delicious, juicy flavor. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Fordhook. 906. The flesh is thick, color deep salmon, and surpassingly luscious in flavor. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Hackensack. 907. Is of superior quality. Early. Flesh light green and of delicious flavor. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

Jenny Lind. 909. A popular sort; fruit small, medium early. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Long Island Beauty. 910. The flesh is green, finest quality; skin is densely netted. The earliest of all the standard varieties. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Miller's Cream. 911. Flesh rich salmon color, very thick, sweet; rind thin and finely netted. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

Montreal Nutmeg. 912. True Montreal type. The largest Muskmelon in cultivation; a great favorite; flesh green. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50.

Paul Rose. 913. Salmon-fleshed; color a beautiful netted gray; delicious; a splendid shipper and good keeper. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Rocky Ford. 914. Oval, slightly ribbed, densely covered with coarse netting; flesh thick, green, very sweet and high-flavored. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Pink Flesh. 915. Outside shell pale green and well netted; flavor unsurpassed; flesh scarlet and juicy to the outer shell, which is thin. Pkt. 25 cts., 5 pkts. \$1.

ENGLISH MUSKMELONS

Blenheim Orange. 925. Scarlet flesh. Pkt. 50 cts.

Hero of Lockinge. 926. White flesh. Pkt. 50 cts.

Invincible Scarlet. 927. Scarlet flesh. Pkt. 50 cts.

King George. 928. A scarlet-fleshed melon. The skin is green and beautifully netted; the flesh deep and of a rich scarlet-orange. Pkt. 75 cts.

Sutton's A1. 929. Originator's stock. Pkt. 75 cts.

Sutton's Emerald Gem. 930. Flesh unusually thick, of a rich, green color, superb in flavor. A great favorite with all growers. Pkt. 75 cts.

Sutton's Perfection. 931. A valuable melon; flesh green. Pkt. 75 cts.

Sutton's Ringleader. 932. Fruit above average size, oval in form, with a yellow skin which is beautifully netted; flesh pale green; delicious flavor. Pkt. 75 cts.

Sutton's Royal Jubilee. 933. A splendid, oval, green-fleshed melon. Skin almost white, handsomely netted. Pkt. 75 cts.

Sutton's Scarlet. 934. Form globular, with a rich golden skin, beautifully netted; flesh of exceptional depth, rich in color and of exquisite flavor. Pkt. 75 cts.

Sutton's Superlative. 935. Flesh scarlet, merging into a beautiful green tint near the skin, and so thick that the fruit is practically without a cavity. Occasionally a green-fleshed fruit of the same high quality is found. Pkt. 75 cts.

Sutton's Universal. 936. Fruits large, with an attractive yellow skin, boldly netted. Flesh exceptionally deep, melting and most excellent in flavor. Pkt. 75 cts.

The Manchester. 937. Green skin, scarlet flesh. Pkt. 50 cts.

Veitch's Eminence. 938. Award of Merit from the Royal Horticultural Society. White flesh; of medium size; splendid flavor. Pkt. 50 cts.

MELON, WATER

Wassermelone MELON D'EAU Zandia

Cultivated in hills, which should be 6 to 8 feet apart each way. Plant in May, ten seeds to a hill, and when the plants are well up, thin out to three. Pinch the ends of the growing shoots to induce early fruiting. They prefer a light, rich soil.

One ounce will plant 40 hills

Black Spanish. 949. Sweet and delicious variety; fruit round, large size; skin blackish green; scarlet flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Citron. 950. (Red-seeded.) For preserving. Handsome round fruit of small size, highly esteemed as a table preserve. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Cole's Early. 951. The beautiful, bright red flesh is crisp and of delicate texture—granulated, cool and sparkling. In flavor, it is lusciously sweet and refreshing. The melons are not large, seldom over 12 inches in length by 9 inches in diameter, but what they lack in size is more than made up in number and solidity. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Cuban Queen. 952. Striped dark and light green; vigorous in growth; flesh bright red, solid, luscious, crisp and sugary. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Kleckley Sweets. 953. Exceedingly sweet and fine-flavored; dark green skin, thin rind; flesh solid, scarlet and firm. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Gipsy, or Rattlesnake. 954. Large, striped, oblong shaped; flesh scarlet and of superior quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Ice-Cream. (White-seeded.) 955. Fruit round, of medium size; skin pale green; flesh scarlet, crisp and delicious. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Kolb's Gem. 956. Round; rind dark green, somewhat marbled with lighter shades. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Mountain Sweet. 958. The most popular variety; flesh red, firm and sweet. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Pride of Georgia. 960. Dark green; oval shape. Excellent shipping variety; large size; flesh crisp and sweet. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Sweetheart. 961. Vigorous and productive, ripening early. Fruit large, oval, very heavy, uniformly mottled light and dark green. Flesh bright red, solid and very tender, melting and sweet. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

The Boss. 962. Oblong; skin dark green; flesh deep scarlet, rich flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

The Dixie. 963. Excellent quality, extremely sweet, juicy and tender. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

MUSTARD

Senf MOUTARDE Mostaza

Green Mustard imparts a delightfully pungent flavor to various forms of prepared salads. Sow at frequent intervals through the spring, in drills from 8 to 12 inches apart.

White London. 969. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts.

OKRA, or GUMBO

Okra, oder Gombo GOMBAUD Quimbombo

This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart, in drills.

One ounce will plant 100 hills

Improved Dwarf Green. 975. Very early; smooth pods. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Long Green. 976. Long ribbed pods; very productive. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Perkins' Perfected Long-Pod. 977. An excellent variety. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

White Velvet. 978. Smooth pods; round. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

BODDINGTON'S SEEDS ALWAYS RELIABLE

ONIONS One ounce for 100 feet of drill
5 to 6 pounds for one acre

Zwiebel OIGNON Cebolla

The ground should be prepared the previous autumn by spading deeply, using plenty of well-rotted barnyard manure. Sow the seed as early in spring as practicable, in shallow drills 1 foot apart, covering with fine soil, which should be pressed down by the use of a light roller or the back of a spade. When the young plants are strong enough, thin out to 4 inches apart.

Boddington's

Bountiful. 989. A remarkable Onion for size, quality and productiveness. In style it is really an improved and selected type of the Onion Ailsa Craig. Specimens have been exhibited weighing 2 1/2 lbs. Unlike many Onions of large size at maturity, it is solid to the core, and for flavor and delicacy it is not equaled in the long list of Onions. To produce extra-large Onions sow early in January. Pkt. 25 cts., 5 pkts. \$1.

Ailsa Craig. 990. Remarkable for perfection of form, size and weight; pale yellow in color. In competition with other varieties, Ailsa Craig has won a series of important prizes absolutely without a parallel. Sutton's stock, in original sealed packets, pkt. 75 cts. Ordinary stock, pkt. 25 cts., 5 pkts. \$1.

Adriatic White Barletta. 991. Small, pure white variety; delicate, silver skin, flesh firm and mild in flavor. Its great merit is its extreme earliness. Pkt. 15 cts., oz. 60 cts., 1/4 lb. \$2.

Extra- Early Flat Red. 992. Fully ten days earlier than the Large Red Wethersfield; of mild flavor, and a good keeper. Pkt. 10 cts., oz. 60 cts., 1/4 lb. \$2.

Gigantic Gibraltar. 993. This enormous Onion is possessed of many sterling qualities. It grows larger than Ailsa Craig and is a great exhibition variety. It is of handsome, globular shape, light straw color, and uniform in size. The flavor is agreeably mild and, if stored in a well-ventilated, dry place, will keep for months. Very scarce. (See illustration on this page.) Pkt. 50 cts., 3 pkts. for \$1.25.

Giant Rocca. 994. Exceedingly mild flavor; large, globular shape and light brown skin. Pkt. 15 cts., oz. 60 cts., 1/4 lb. \$2.25.

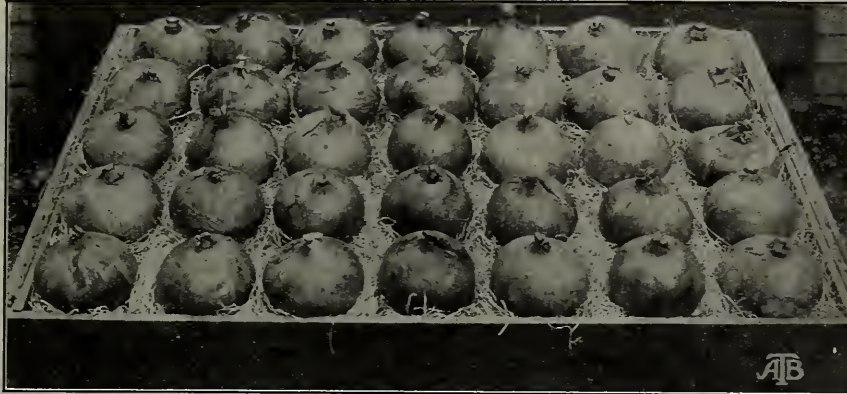
Large Red Italian Tripoli. 995. Of immense size and delicate flavor. Pkt. 10 cts., oz. 60 cts., 1/4 lb. \$2.

Large Red Wethersfield. 996. Grows to a large size; very productive and an excellent keeper. Pkt. 10 cts., oz. 40 cts., 1/4 lb. \$1.50.

Large White Italian Tripoli. 997. Of quick growth and mild flavor. Pkt. 10 cts., oz. 60 cts., 1/4 lb. \$2.

Mammoth Red Garbanus. 998. This fine Italian variety has produced Onions weighing four to five pounds each. The skin is of a delicate red, flesh close-grained, nearly white, and of a very mild flavor. Pkt. 10 cts., oz. 60 cts., 1/4 lb. \$2.25.

Mammoth Silver King, or Giant White Garbanus. 999. An excellent variety; grows to a large size. Pkt. 10c. oz. 60 cts., 1/4 lb. \$2.25.



35 Gigantic Gibraltar Onions, weight, 122 lbs.; average, 3 1/2 lbs. each. Grown by Mr. Edwin Jenkins, superintendent to Giraud Foster, Esq., Bellefontaine Gardens, Lenox, Mass.

- 1004.** Large, handsome, globular; very productive, fine quality. Pkt. 15 cts., oz. 60 cts., 1/4 lb. \$2.25.
- Southport White Globe. 1005.** Handsome, globular Onion of mild flavor; good keeper. Pkt. 15 cts., oz. 60 cts., 1/4 lb. \$2.25.
- The Queen, or Silverskin. 1006.** A silver-skinned variety; rapid growth, mild flavor and fine keeping qualities. Pkt. 10 cts., oz. 60 cts., 1/4 lb. \$2.
- White Bermuda. 1007.** Pkt. 10 cts., oz. 50 cts., 1/4 lb. \$1.75.
- White Portugal. 1008.** Mild-flavored; grown extensively for pickling. Pkt. 10 cts., oz. 60 cts., 1/4 lb. \$2.
- Wroxton Improved. 1009.** Good keeper; one of the finest globe-shaped varieties for exhibition purposes. Pkt. 15 cts., 1/4 oz. 30 cts., oz. 90 cts.
- Yellow Danvers. 1010.** Early, of mild flavor and keeps well. Pkt. 15 cts., oz. 60 cts., 1/4 lb. \$2.
- Yellow Globe Danvers. 1011.** Early, round, very small neck; fine-grained, mild flavor, immensely productive and an excellent keeper. Pkt. 15 cts., oz. 60 cts., 1/4 lb. \$2.25.



Boddington's Bountiful Onions

Pale Red Bermuda. 1001. Pkt. 10 cts., oz. 60 cts., 1/4 lb. \$2.

Prizetaker. 1002. Rich straw color and of enormous size, averaging 12 to 14 inches in circumference. Excellent keeper. Pkt. 10 cts., oz. 60 cts., 1/4 lb. \$2.

Silver Bell. 1003. This is a remarkably quick-growing Onion, specially adapted for early work or forcing, and can be "pulled" six weeks after sowing, or can be used for pickling, making solid bulbs of excellent quality. Pkt. 15 cts., oz. 75 cts.

Southport Red Globe.

ONION SETS

Prices subject to market changes

Produce Onions much quicker than seeds. Plant near the surface, in drills 12 inches apart and 4 inches in the rows. Cultivate well for best results.

Red. 1022. Qt. 35 cts., 1/2 pk. \$1.35, pk. \$2.50.

White. 1023. Qt. 40 cts., 1/2 pk. \$1.50, pk. \$2.85.

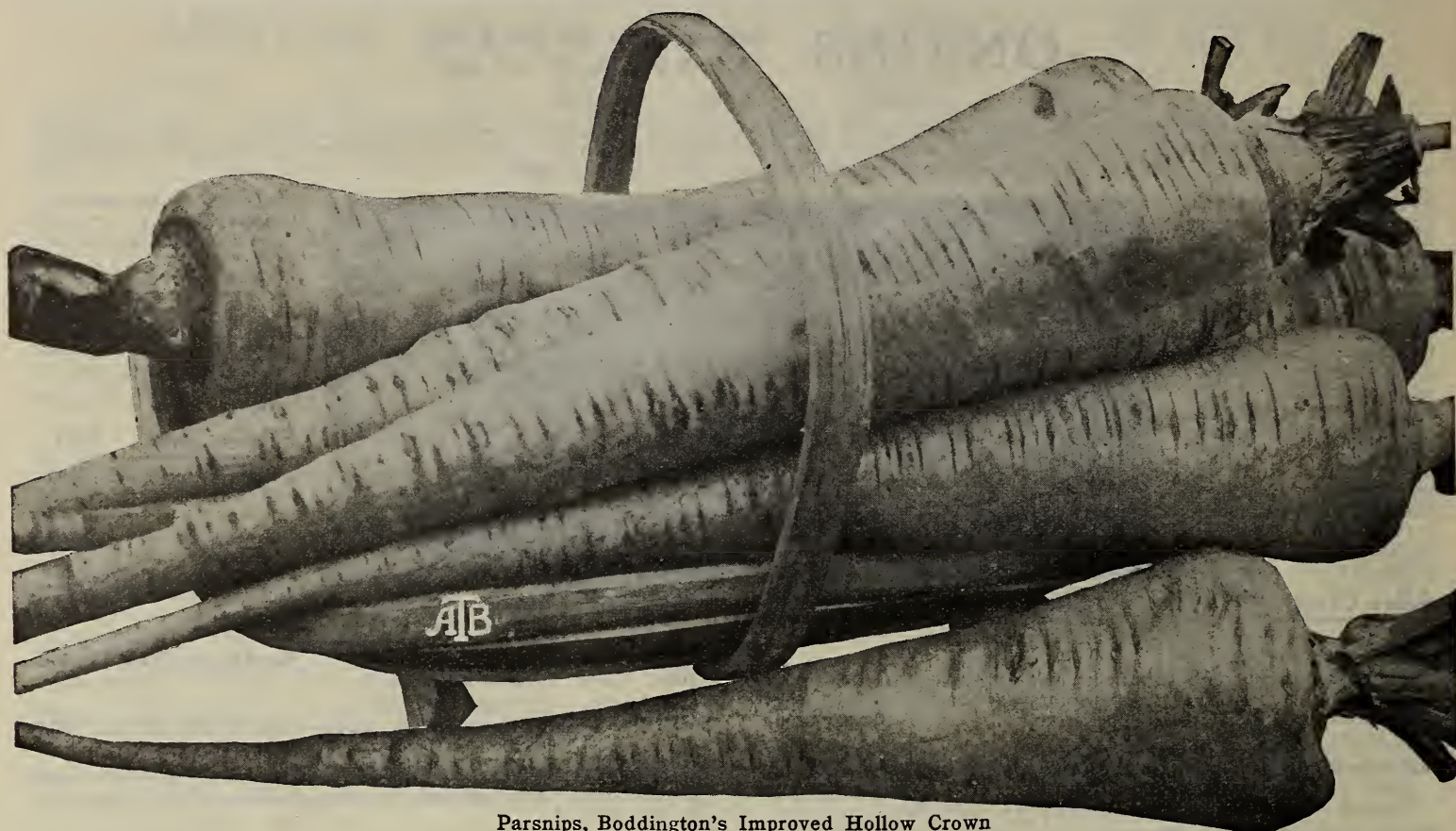
Yellow. 1024. Qt. 35 cts., 1/2 pk. \$1.35, pk. \$2.50.

White Potato (Multiplier). 1025. Qt. 40 cts., 1/2 pk. \$1.50, pk. \$2.85.

Yellow Potato. 1026. Qt. 35 cts., 1/2 pk. \$1.35, pk. \$2.50.

GARLIC. 1027. Lb. 50c., 10 lbs. \$4.

SHALLOTS. 1028. Qt. 40 cts., pk. \$2.85.



Parsnips, Boddington's Improved Hollow Crown

PARSLEY One ounce will sow 150 feet of drill

Peterfilie PERSIL Perejil

Parsley requires a rich, mellow and rather deep soil. Sow early in spring in drills 1 foot apart and half an inch deep, previously soaking the seeds a few hours in tepid water, to facilitate germination. Thin out the young plants to 4 inches.

Boddington's Exhibition. 1039. This Parsley is recognized as the standard exhibition sort, and the seed we offer has been saved from grand specimens—every plant seeded being fit for the exhibition table. For garnishing or the exhibition table this variety is unequalled. Pkt. 25 cts., 5 pkts. \$1.

Triple Moss-Curled. 1040. Immensely double, dense and compact leaves. A superb variety for garnishing. Pkt. 10 cts., oz. 30 cts., ¼lb. \$1.

Extra-Double Curled. 1041. A beautifully curled variety, highly esteemed for garnishing. Pkt. 5c., oz. 15c., ¼lb. 45c., lb. \$1.25.

Fern-leaved. 1042. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

Hamburg, or Rooted. 1043. Culture same as carrots. Extensively grown for its roots, which are used in flavoring soups. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

PARSNIP One ounce for 200 feet of drill 5 to 6 pounds for an acre

Parstinate PANAIS Chirivia

Sow as early in the spring as the weather will permit, in drills 15 inches apart and one-half inch deep, in rich, deep soil; thin out to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding stock, as well as for table use.

Boddington's Improved Hollow Crown. 1049. A great improvement on the old hollow-crowned variety, being quite distinct from it; good shape; smooth root; flesh soft and melting; as a table or exhibition variety, is unsurpassed. Pkt. 10 cts., oz. 30 cts., ¼lb. \$1, lb. \$3.

American Hollow Crown. 1050. Long, smooth and milky white. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.25.

Early Round. 1051. Adapted to shallow soils; very early and of good flavor. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.25.

The Student. 1052. A fine-flavored variety; recommended for small gardens. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.25.

PEPPER

Peffer PIMENT Pimiento

One ounce will produce 1,000 plants

Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild, sweet varieties, like Large Bell and Ruby King, are used for mangoes, while the small-fruited sorts are the best for sauces. Sow in hotbeds in March or April, or in a warm, sheltered border in May, and, when season is favorable, transplant in rows 2 feet apart and 18 inches in row, in good, rich ground.

Boddington's Selected Chinese Giant. 1058. Double the size of Ruby King, this is one of the largest and finest mild red Peppers. Not only is it intensely productive, but "it is as sweet as an apple," and unusually thick-skinned. Pkt. 10 cts., ¼oz. 30 cts., ½oz. 55 cts., oz. \$1.

Bird's-Eye, or Creole. 1059. A small red Pepper, extremely hot; useful for decorative purposes. Pkt. 10 cts.

Celestial. 1060. A beautiful variety from China, with upright pods, conical in shape, and varying in color from a delicate creamy yellow to vivid scarlet. Pkt. 10 cts., ¼oz. 30 cts., ½oz. 55 cts., oz. \$1.

Cherry-Red. 1061. Small, round fruit, of a rich glossy scarlet and extremely piquant. Pkt. 10 cts., ¼oz. 25 cts., ½oz. 40 cts., oz. 75 cts.

Chili. 1062. Very piquant and prolific; small, slim fruits generally used for making pepper sauce. Pkt. 10 cts., ¼oz. 25 cts., ½oz. 40 cts., oz. 75 cts.

Early Neapolitan. 1063. Fruit may be gathered the last of June from seed sown early in spring. The first fruits average 4 ½ inches in circumference by 4 inches long. The flesh and skin are bright red. Pkt. 10 cts., ¼oz. 25 cts., ½oz. 40 cts., oz. 75 cts.

Large Bell, or Bull Nose. 1065. A large, early variety, of pleasant flavor. Pkt. 10 cts., ¼oz. 20 cts., ½oz. 30 cts., oz. 50 cts., ¼lb. \$1.50.

Long Cayenne, Red. 1066. Fruit 3 to 4 inches long, conical in form, of a bright red color and very productive. Pkt. 10 cts., ¼oz. 25 cts., ½oz. 40 cts., oz. 75 cts.

Ruby King. 1068. Bright ruby-red. The flavor is mild and pleasant. Pkt. 10 cts., ¼oz. 25 cts., ½oz. 45 cts., oz. 85 cts.

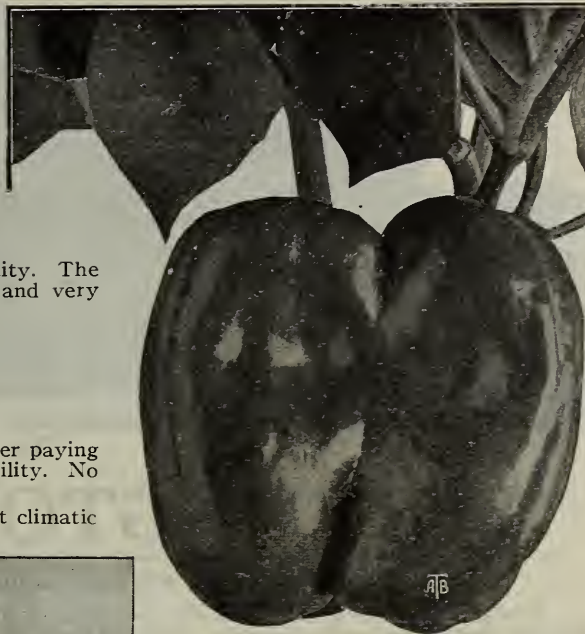
PEPPERS, continued

Schell's New Quality. 1069. It has a beautiful, attractive shape, while its superior quality, almost as sweet as an apple, makes up its attractiveness. As to size, the average is 5 inches in length, 3 1/2 inches wide at the base and 2 3/4 inches at the tip. It is the most prolific Pepper ever grown in this locality. Pkt. 25 cts., 5 pkts. \$1.

Sweet Mountain, or Mammoth. 1070. Similar to the Bull Nose, but larger, sweeter and of milder flavor; extensively used for mangoes. Pkt. 10 cts., 1/4oz. 20 cts., 1/2oz. 30 cts., oz. 50 cts., 1/4lb. \$1.50.

Sweet Spanish. 1071. Large, mild; used for salad. Pkt. 10 cts., 1/4oz. 20 cts., 1/2oz. 30 cts., oz. 50 cts., 1/4lb. \$1.50.

Upright Sweet Salad. 1072. Handsome, productive and of finest quality. The color is bright scarlet and the flesh thick, mild and very sweet. Pkt. 10 cts., 1/4oz. 30 cts., 1/2oz. 55 cts., oz. \$1.



Boddington's Selected Chinese Giant Pepper

POTATOES NORTHERN-GROWN EXPRESSLY FOR SEED

Kartoffeln POMME DE TERRE Patatas

Important. Potatoes are shipped by express or freight, as directed, purchaser paying charges. We assume no risk on Potatoes, and ship only on purchaser's responsibility. No charge is made for bags.

Culture. Any good well-drained fibrous loam will produce Potatoes under right climatic conditions. Some good complete fertilizer, at the rate of up to 1,000 pounds per acre if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seedbed. Then plant good-sized pieces, each containing not less than two or three eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. Cultivate often. Spray with bordeaux arsenate of lead mixture as a protection from flea beetle, potato beetle, blight; and with "Black Leaf 40" or some other good nicotine sulphate against Potato aphid.

10 to 12 bushels will plant an acre



Gold Coin Potatoes

POTATOES, EARLY VARIETIES

Beauty of Hebron. 1080. Slightly flesh-colored skin, with pure white flesh. Very productive and of the finest quality; a first-class early variety.

Bovee. 1081. Extra early; very productive; of fine quality; flesh white and very dry.

Early Rose. 1082. Popular market sort; very early; fine quality; productive.

Irish Cobbler. 1083. One of the best extra-early varieties; very large, white, and heavy cropper; of excellent quality.

Norton Beauty. 1084. Table quality is superb. One of the earliest and best all-round Potatoes in existence. Yields as heavily as any of the medium-early sorts.

INTERMEDIATE AND LATE VARIETIES

Carman No. 1. 1085. One of the finest second-early Potatoes ever offered.

Gold Coin. 1086. Splendid for main crop; remarkably productive; finest table quality; slightly oblong; light golden skin; flesh pure white, fine-grained, cooks very dry.

Green Mountain. 1087. Oval shape; white skin and flesh; excellent; heavy yielder.

Rural New Yorker No. 2. 1088. Very few and shallow eyes; pure white skin and flesh; immense yielder; fine table quality.

Sir Walter Raleigh. 1089. A very large and handsome variety; flesh white and mealy. An enormous cropper.

Uncle Sam. 1090. An excellent main-crop variety. The tubers are oval in form, with white flesh, russet skin, and shallow eyes. A heavy cropper of excellent quality.

Prices on Potatoes. As we go to press, it is impossible to quote even approximate prices for spring delivery. Customers entrusting their orders to us can depend upon receiving fair treatment, both as to prices and quality. Current prices quoted on application.



Jumbo Pumpkin

PUMPKIN One ounce will plant 50 hills, 3 seeds to the hill

Große Kürbis POTIRON Calabaza

Connecticut Field. 1099. Very productive. Pkt. 5 cts., oz. 10 cts., 1/4lb. 35 cts., lb. \$1.

Jumbo. 1100. Often attains a weight of 200 pounds. Pkt. 10 cts., oz. 25 cts., 1/4lb. 75 cts., lb. \$2.50.

Large Cheese. 1101. The best for cooking purposes. Pkt. 5 cts., oz. 20 cts., 1/4lb. 40 cts., lb. \$1.25.

Large Tours, or Mammoth. 1102. Often weighs over 100 pounds. Pkt. 10 cts., oz. 25 cts., 1/4lb. 75 cts., lb. \$2.50.

Sugar. 1103. Rather small; one of the best for the table or for feeding stock. Pkt. 5 cts., oz. 15 cts., 1/4lb. 35 cts., lb. \$1.



Peas, Boddington's Early of Earlies

BODDINGTON'S GARDEN PEAS

One quart will plant about 100 feet of drill; 1½ to 2 bushels for an acre

Peas of the extra-early, smooth class are the very first thing to be planted in the garden in spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall, late varieties need brush or other support. By selecting sorts that do not grow much over 2 feet high, the necessity of providing brush may be avoided. Judicious selection of varieties, and planting frequently for succession, will give you a full supply of the choicest green Peas during almost the entire season, with the possible exception of the hottest part of the summer. Open furrows 3 or 4 inches deep and 3 feet apart; scatter the seed Peas into them and cover with hoe or plow. Cultivate like corn or beans. The late, tall sorts may be planted in double rows, and brush stuck in between for support. All Garden Peas, however, require good, strong and fertile land. The dwarfest sorts of the Nott's Excelsior and American Wonder types will succeed only on the richest garden land, and may be planted in rows 1 foot apart.

Peas by Parcel Post. The prices given in this catalogue for Peas of all kinds are for the same to be sent by express or freight at purchaser's expense. If pints or quarts are wanted sent by parcel post, remit extra as follows: To points east of the Mississippi River, 8 cts. per pt., 12 cts., per qt.; to points west of the Mississippi River, 15 cts. per pt., 25 cts. per qt.

Alaska. 101. One of the very earliest blue Peas; quite productive. Height 2½ feet. Pt. 30 cts., qt. 50 cts., ½pk. \$1.75, pk. \$3.25.

Alderman.* 102. An improved Telephone; very useful for exhibition. One of the finest Peas ever put on the market. Height 5 ft. Pt. 50 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.50.

American Wonder.* 104. Early and productive; fine quality. Height 1 foot. Pt. 30 cts., qt. 60 cts., ½pk. \$2.25, pk. \$4.25.

Boddington's Mammoth Marrowfat.* 106. This undoubtedly is the largest Pea in cultivation. A main-crop Pea; height 5 to 6 feet; it is a heavy cropper and exceedingly prolific; to be exact, one might call it a Mammoth Alderman. Pt. 50 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.50.

Champion of England.* 109. A well-known standard variety; sow thickly. Height 4 feet. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

Duke of Albany* (American Champion). 112. Immense pods on style of Telephone. Height 5 feet. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

Dwarf Defiance.* (Sutton's.) 113. One of the most important Peas for main crop, possessing the true marrowfat quality. Grows about 2 to 2½ feet high, with long, straight, dark green pods, closely packed. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

Dwarf Sugar. 114. Second-early. Edible pods. Height 2 feet. Pt. 25 cts., qt. 40 cts.

Early Bird. 115. A round-seeded Pea of the Gradus type, embodying the hardness of a round variety with the flavor and size of pod of Gradus. May be sown early to great advantage in order to obtain very early results in the spring. It is a vigorous branching plant, growing 3 feet in height, and bears throughout the length of the haulm a large proportion of pods in pairs, which contain fine, deep green Peas of exquisite marrowfat flavor. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

Early of Earlies. 116. Pea is thoroughly fixed and free from sporting tendencies, 2 feet high, of healthy, vigorous growth; white, round seed and very hardy. The pods, 3½ to 4 inches long, appear in great quantities and mostly in pairs, and of the same shape. Pt. 30 cts., qt. 60 cts., ½pk. \$2.25, pk. \$4.

Earliest May. 117. One of the earliest and most productive Peas in cultivation. Height 2 feet. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

Everbearing.* 118. A good standard variety; long pods; large Peas; sow thinly. Height 2½ feet. Pt. 30 cts., qt. 60 cts., ½pk. \$2.25, pk. \$4.25.

Early Morn.* 119. The pods are very large and well filled, and are often ready to pick during June. Height about 3 feet. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

Excelsior.* (Sutton's.) 120. Ready for picking with American Wonder. Quite equal to many of the marrowfat Peas. Height 1½ feet. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

First of All, or Daniel O'Rourke. 121. Well-known market-garden, extra-early Pea, productive and profitable to grow. Height 2½ feet. Pt. 30 cts., qt. 50 cts., ½pk. \$1.75, pk. \$3.25.

Gladstone.* 122. The strong constitution enables the plant to remain healthy for a long time during drought. Pods pointed, slightly curved, and are fit to gather at a period of the year when it is uncommon to have Peas for the table. 3 to 4 feet. Pt. 50 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.50.

Gradus, or Prosperity.* 123. Height about 3 feet, and of robust growth. Pods are large and well filled, containing at times as many as ten Peas, which are sweet and tender, and remain so for several days after being gathered. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$5.

Incomparable.* 126. One of the finest garden Peas yet offered. Haulm robust, freely branched, producing a marvelous display of handsome, dark green pods, filled with large and delicious Peas. Much valued both for the table and the exhibition stage. Edwin Jenkins says the name covers all the fine points of this Pea. 3 to 4 feet. Pt. 50 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.50.

Laxtonian.* 127. One of the earliest Peas in existence. It is a true marrowfat, having the richness and quality of the best main-crop varieties. Height 18 inches. Pt. 50 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.50.

Leader, The. 128. This variety is of extremely robust growth, and produces an abundance of very large pods, filled with deliciously sweet Peas. Being a round-seeded variety it may be sown earlier. Height 3 feet. Pt. 50 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.50.

Lincoln, The.* 129. A dwarf variety, about 1½ feet, producing the long, curved, deep green pods in pairs, literally covering the plant. Pt. 50 cts., qt. 90 cts., ½pk. \$3.50, pk. \$6.50.

Packets of all varieties of Peas, 10 cts. each, postpaid

Materials for inoculating Peas will be found on page 113

BODDINGTON'S GARDEN PEAS, continued

McLean's Advancer.* 131. A fine standard sort, excellent quality; tender and of fine flavor. Height 2 1/2 feet. Pt. 30 cts., qt. 60 cts., 1/2pk. \$2.25, pk. \$4.25.

Nott's Excelsior.* 132. Splendid, early wrinkled sort; very prolific. Height 1 foot. Pt. 35 cts., qt. 60 cts., 1/2pk. \$2.25, pk. \$4.25.

Peerless Marrowfat.* (Sutton's.) 133. The robust habit, profusion of very large and well-filled, deep green pods, combined with the remarkable size and superb flavor of the Peas, are qualities which have insured its popular position. Height 3 feet. Pt. 50 cts., qt. 90 cts., 1/2pk. \$3.50, pk. \$6.50.

Pioneer.* 134. A first-early Pea with many fine qualities. The plant is unusually robust in habit, and carries a heavy crop of long, pointed pods of dark green, which are well filled with rich-flavored Peas. About 2 feet. Pt. 50 cts., qt. 90 cts., 1/2pk. \$3.50, pk. \$6.50.

Quite Content.* 138. The haulm is medium dark; about 5 feet, with large, straight, medium-dark pods, mostly in pairs, from 5 to 6 inches in length, containing nine to ten Peas in a pod; good flavor; an excellent variety for second-early use. It is exceedingly prolific, and the pods hang mostly in pairs. Height 5 to 6 feet. Pt. 40 cts., qt. 75 cts., 1/2pk. \$2.75, pk. \$5.25.

Packets of all varieties of Peas, 10 cts. each, postpaid

Peas by Parcel Post. The prices given in this catalogue for Peas of all kinds are for the same to be sent by express or freight at purchaser's expense. If pints or quarts are wanted sent by parcel post, remit extra as follows: To points east of the Mississippi River, 8 cts. per pt., 12 cts. per qt.; to points west of the Mississippi River, 15 cts. per pt., 25 cts. per qt.

Senator, The.* 140. A grand second-early, productive of large luscious, very wrinkled Peas. The handsome, large, round pods are curved and always well filled with from seven to ten Peas in a pod. Height 4 feet. Pt. 40 cts., qt. 75 cts., 1/2pk. \$2.75, pk. \$5.25.

Stratagem.* 141. Very large pods filled with large dark green Peas of the first quality. This variety makes a sturdy growth, the height being about 2 feet. An immense cropper. Pt. 40 cts., qt. 75 cts., 1/2pk. \$2.75, pk. \$5.25.

Telephone.* 142. Enormous pods and Peas of the best quality. Vines are strong in growth, averaging 18 to 20 pods per stalk. Pods average about seven Peas each, which are of pale green color and excellent flavor. Height 5 feet. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Thomas Laxton.* 143. The pods are large and contain seven or eight large-sized, wrinkled Peas of the finest flavor. Height 3 feet. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Velocity.* 144. Extra early; blue; most valuable introduction. It is a dwarfier form of Earliest of All, about 2 feet high. Pt. 35 cts., qt. 65 cts., 1/2pk. \$2.50, pk. \$5.

Material for inoculating Peas will be found offered on page 112.

BODDINGTON'S GARDEN PEAS

RECAPITULATION.—FOR DETAILED DESCRIPTION, SEE ABOVE AND PRECEDING PAGE

Those varieties preceded by a * are wrinkled varieties (that is, the seed is wrinkled)—they are far superior in flavor, but are not so hardy or early as the round-seeded varieties		Height feet	Price peck	Price 1/2 peck	Price quart	Price pint
FIRST CROP						
101	Alaska.....	2 1/2	\$3 25	\$1 75	\$0 50	\$0 30
104	*American Wonder.....	1	4 25	2 25	60	30
115	Boddington's Early Bird.....	3	5 00	2 50	65	35
116	Boddington's Early of Earlies.....	2	4 00	2 25	60	30
117	Earliest May.....	2	5 00	2 50	65	35
119	*Early Morn.....	3	5 00	2 50	65	35
120	*Excelsior (Sutton's).....	1 1/2	5 00	2 50	65	35
121	First of All, or Daniel O'Rourke.....	2 1/2	3 25	1 75	50	30
123	*Gradus, or Prosperity.....	3	5 00	2 50	65	35
127	*Laxtonian.....	1 1/2	6 50	3 50	90	50
128	Leader, The.....	3	6 50	3 50	90	50
132	*Nott's Excelsior.....	1	4 25	2 25	60	35
134	*Pioneer (Sutton's).....	2	6 50	3 50	90	50
144	Velocity.....	2	5 00	2 50	65	35
SECOND CROP						
109	*Champion of England.....	4	5 00	2 50	65	35
112	*Duke of Albany.....	5	5 00	2 50	65	35
114	Dwarf Sugar.....	2			40	25
118	*Everbearing.....	2 1/2	4 25	2 25	60	30
129	*Lincoln, The.....	1 1/2	6 50	3 50	90	50
131	*McLean's Advancer.....	2 1/2	4 25	2 25	60	30
133	*Peerless Marrowfat (Sutton's).....	3	6 50	3 50	90	50
138	*Quite Content.....	5-6	5 25	2 75	75	40
140	*Senator, The.....	4	5 25	2 75	75	40
141	*Stratagem.....	2	5 25	2 75	75	40
142	*Telephone.....	5	5 00	2 50	65	35
MAIN CROP						
106	*Boddington's Mammoth Marrowfat.....	5-6	6 50	3 50	90	50
113	*Dwarf Defiance.....	2 1/2	5 00	2 50	65	35
126	*Incomparable.....	3 1/2	6 50	3 50	90	50
143	*Thomas Laxton.....	3	5 00	2 50	65	35
LATE CROP						
102	*Alderman.....	5	6 50	3 50	90	50
122	*Gladstone.....	3-4	6 50	3 50	90	50

GARDEN FERTILIZER FOR PEAS, ETC.

Peas require fertile land. As one of the best fertilizers for Peas, as well as for general garden crops, we strongly recommend "Nitraco." Analysis: Ammonia, 4 per cent; phosphoric acid, 8 per cent; potash, 2 per cent.

PRICES AS FOLLOWS

1-lb. carton.....\$0 25	10-lb. bag.....\$1 25	50-lb. bag.....\$4 50
5-lb. carton.....75	25-lb. bag.....2 50	100-lb. bag.....6 00

RADISH

One ounce will sow
100 feet of drill

Radieschen; Rettig

RADIS; RAVE; PETITE RAVE

Rabano

Culture.—Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply, sow $\frac{1}{2}$ inch deep in January or February in hotbeds, keeping well ventilated. In April they may be sown out-of-doors in drills 12 to 18 inches apart. Thin to 2 inches apart to prevent crowding. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth. They can be stored for winter like turnips.

LONG VARIETIES

Cincinnati Market. 1114. An extra-early variety of the Long Scarlet type; of a clear bright red color. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Long Icicle, or Lady Finger. 1116. Pure white; of fine flavor; suitable for forcing. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Long Scarlet Short-Top. 1117. Very long, crisp; for frames or outdoors. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

White Strasburg Summer.

1118. Very large; a general favorite. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Woods' Early Frame. 1119.

Early; scarlet; good, reliable sort. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

OVAL, or OLIVE-SHAPED

Deep Scarlet. 1124. Crisp; very early. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

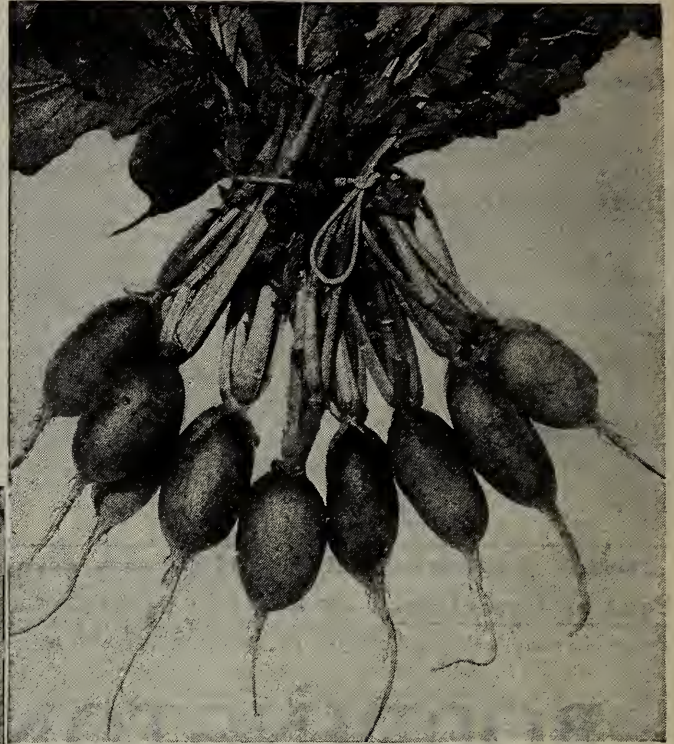
French Breakfast. 1125. Pink and white; early. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Sakurajima.

A Radish from Japan, which grows to enormous dimensions. The circumference of some is 43 in., the length 21 in. The skin is white and the fruit is always crisp and tender. The taste is more delicate than our American varieties, and we believe that this variety will become popular. Pkt. 10cts., oz. 50cts.



Long Icicle Radishes



French Breakfast Radishes

ROUND, or TURNIP-SHAPED

Boddington's Early Frame. 1131. The best forcing Radish; early and tender. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Cooper's Sparkler. 1132. A quite distinct new sort of a beautiful, rich carmine-scarlet, with a pronounced tip of pure white. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Crimson Giant. 1133. This variety is suitable for either forcing or early planting out-of-doors. A remarkable feature of this Radish is that it will grow double the size of other round red forcing Radishes and still remain solid, not showing the least sign of becoming hollow. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Early Deep Blood-Red. 1134. Extra-early forcing sort. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Early Deep Scarlet. 1135. Very early. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Early Scarlet. 1136. Very early. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Early Scarlet Globe-shaped. 1137. Fine for forcing or open ground. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Early Triumph. 1138. Very prettily striped or mottled scarlet and white; fine forcer; very attractive appearance. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Giant Butter. 1139. Forcing Radish; round, short-leaved scarlet. Pkt. 15 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts.

Saxa. 1140. In less than three weeks from sowing, Saxa Radish is ready for the table, the flesh being firm, crisp and juicy, and remains so for a long time without getting spongy. Fine outside or for forcing. Pkt. 20 cts., 6 pkts. \$1.

Scarlet White-tipped. 1141. Early bright red Radish with white tip; flesh is pure white, crisp and tender. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

WINTER VARIETIES

Half-Long Black Spanish. 1147. Very fine strain. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Long Black Spanish. 1148. The popular winter sort. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Round Black Spanish. 1149. Fine for winter. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

White Spanish. 1150. Fine for winter. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Round Scarlet China. 1151. Fine for winter or summer; grows in 6 to 8 weeks. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.



Early Scarlet Globe-shaped Radishes

RHUBARB

One ounce of seed to 100 feet of drill

Linnaeus. 1162. Makes big, rich red stalks. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

Myatt's Victoria. 1163. This is the most popular variety. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

RHUBARB ROOTS. See page 29.

SALSIFY, or VEGETABLE OYSTER

Salfertwurzel SALSIFIS *Ostion Vegetal*

Sow the seed early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches. The roots will be ready in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground until spring.

One ounce will sow about 50 feet of drill

Long White French. 1169. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Mammoth Sandwich Island. 1170. Tender and delicious; very superior. Pkt. 10 cts., oz. 25 cts., ¼lb. 85 cts., lb. \$3.

SCORZONERA 1176

Scorzionwurzel SCORZONERE *Escorzonera*

One ounce will sow 50 feet of drill

Requires the same culture as salsify. Don't scrape the roots, simply wash and boil till tender; serve like asparagus. Pkt. 10 cts., oz. 25 cts., ¼lb. 85 cts.

SEA KALE

Seetohl CHOU DE MER *Berza marina*

Sow an inch deep in drills 2 feet apart, thin out to 6 inches, and the next spring plant in hills 3 feet apart.

One ounce will produce about 300 plants

Sea Kale Seed. 1182. Pkt. 10 cts., oz. 30 cts., ¼lb. \$1.

SEA KALE ROOTS. See page 29.

SORREL

Sauerampfer OSEILLE *Acedera*

Sow early in the spring in drills 6 to 8 inches apart.

One ounce will sow about 100 feet of drill

Large-Leaved French. 1188. Used for soups and salads on account of its pleasant acid flavor. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts.

SPINACH

Spinat ESPINARD *Espinaca*

Sow in early spring, in drills a foot apart (10 to 12 pounds to the acre), every two weeks for a succession, and as it grows, thin out for use. Sow the seed of New Zealand in hills 2 feet apart each way, three or four seeds in a hill. This is fit for cutting all summer.

Spinach seed is scarce this year, owing to its export from Holland, the usual source of supply, being prohibited. We recommend customers to order early, to avoid disappointment.

One ounce will sow about 100 feet of drill

Curled-leaved Savoy, or Bloomsdale. 1194. Large curled and wrinkled leaves; tender and of the finest flavor. Pkt. 5 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2.25.

Large and Crumple-leaved. 1195. One of the best varieties. The leaves are very thick and fleshy and form good plants of about 8 inches across. It is a variety good for early sowing in September as well as for spring use. Pkt. 5 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2.25.

Lettuce-leaved. 1196. Popular French sort. Pkt. 5 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2.25.

Long-standing (Round Thick-leaved). 1197. Dark green; leaves large and thick; very long-standing. Best for spring growing. Pkt. 5 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2.25.



Mammoth Sandwich Island Salsify

New Zealand Summer. 1198. This plant is not a Spinach, but it is used as such; it grows 1 ½ feet high and is very prolific; grows well during hot summer weather when the ordinary Spinach cannot be had. The seed should be soaked in hot water before sowing. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

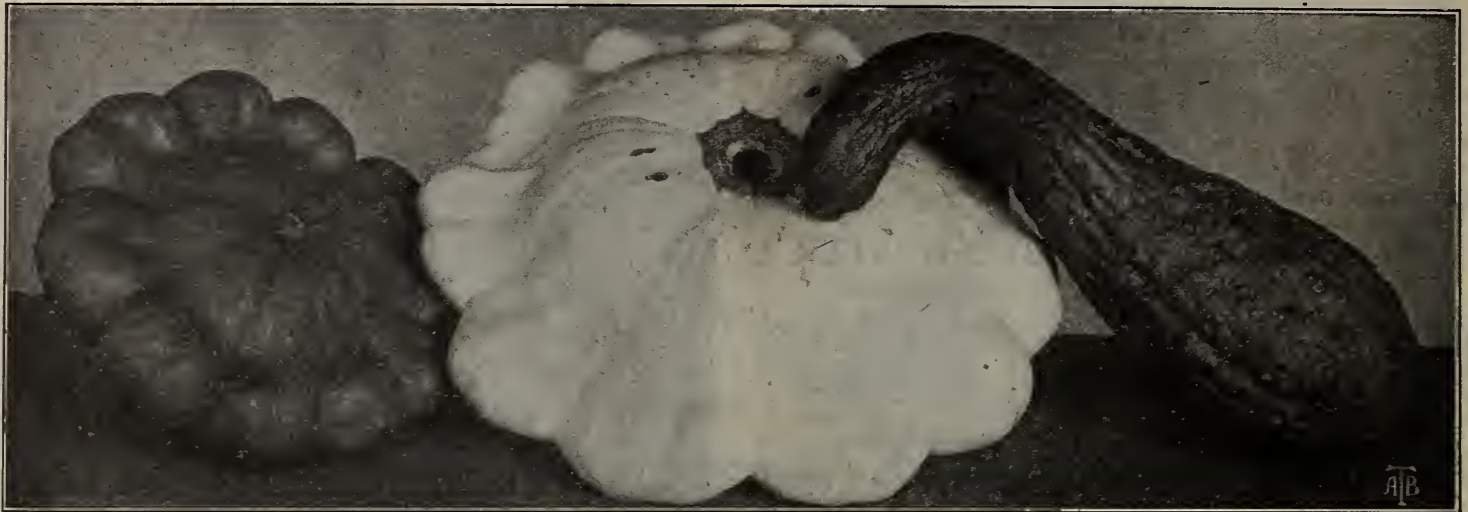
Prickly, or Winter. 1199. Vigorous and hardy; recommended for fall sowing. Pkt. 5 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2.25.

Round-leaved Flanders. 1200. A standard sort. Pkt. 5 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2.25.

Round Viroflay, Thick-leaved. 1201. Has very large, thick, dark green leaves; the favorite market-gardeners' sort for fall or spring sowing. Pkt. 5 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2.25.

Triumph (Long Season). 1202. This Spinach is an improved variety of the Victoria Spinach, but will stand the heat about two weeks longer than the original sort. The very thick and fleshy and crumpled leaves are of the darkest green color and form a Spinach almost like a cabbage-head. The size of a single plant is about 9 or 10 inches across. Pkt. 10 cts., oz. 25 cts., ¼lb. 70 cts., lb. \$2.50.

Victoria. 1203. Extra-dark black-green color. Two or three weeks later than the ordinary Long-standing. A fine variety for spring sowing. Pkt. 5 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2.25.



Types of Squash

SQUASH

Speise-Kürbis COURGE
Calabaza

One ounce of seed will plant 25 hills;
3 to 4 pounds to the acre

Culture.—All Squashes do best in warm and very rich soil. Plant in well-manured hills, same as melons or cucumbers, the bush varieties 4 feet apart each way, the winter sorts 10 to 12 feet each way. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects. When danger of such loss is past, thin to 2 or 4 plants to the hill. To repel the squash-vine borer, throw a handful of tobacco dust close around the plants. The large, strong-smelling black squash bug can be kept in check by hand-picking, going over the vines at frequent intervals. For yellow-striped beetle and blight, spray early and repeatedly with bordeaux arsenate of lead mixture. Winter Squashes may also be grown in cornfields in same manner as pumpkins.

Bay State. 1214. Fine and dry flesh, of sweet flavor, bright and golden yellow; an excellent keeper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Boston Marrow. 1215. A highly popular winter variety; quality unexcelled. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Bush Summer Crookneck. 1216. Fine summer variety; yellow fruit; early and productive. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Delicata. 1217. Orange-color, striped dark green. Very early, prolific and solid. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

Early Prolific Marrow. 1218. Early and productive; brilliant orange-red color and fine keeper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

English Vegetable Marrow. 1219. Skin greenish yellow; flesh white, soft and rich flavor. To prepare for the table, quarter lengthwise, take out seeds, boil, and serve with drawn butter. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Essex Hybrid. 1220. One of the richest-flavored, finest-grained, sweetest and best winter-keeping varieties known. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Extra-Early Jersey White

Bush. 1221. Grows in the bush form and is enormously productive. Pkt. 5c., oz. 15c. $\frac{1}{4}$ lb. 50c., lb. \$2.

Fordhook. 1222. Bright yellow skin; flesh straw-yellow, dry and sweet. Matures early and is a heavy cropper. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.25.

Giant Summer Crookneck. 1223. Twice as large as the ordinary Summer Crookneck, more watery, and several days earlier. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Hubbard Improved. 1224. A large, very hard-shelled variety of the first quality; good keeper. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

Improved White Bush Scalloped. 1225. A decided improvement on the old variety, being very much thicker in the center, and with little or no rim. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Long Island White Bush. 1226. An improvement over the old White Bush varieties. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Mammoth Chili. 1227. Grows to an immense size. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Marblehead. 1228. Resembles the Hubbard, and generally acknowledged to be superior. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Pike's Peak, or Sibley. 1230. Skin dark olive-green; light golden flesh of excellent quality. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.

White Bush Scalloped. 1231. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Winter Crookneck. 1232. Excellent for winter; flesh close-grained, sweet and of fine flavor. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2

Yellow Bush Scalloped. 1233. Similar to the preceding, except in color. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

STRAWBERRY SEED—ALPINE

Sow in an open bed of light soil, in shallow drills, 6 inches apart, and transplant, when large enough, to proper beds.

SUTTON'S LARGE RED ALPINE. 1244.

Bright red, and of exquisite flavor. Pkt. 50 cts.

THE PEARL. 1245.

Fruiting from June to November almost continuously. Pkt. 50 cts.

IMPROVED RED. 1246.

Dark in color. Pkt. 20 cts.

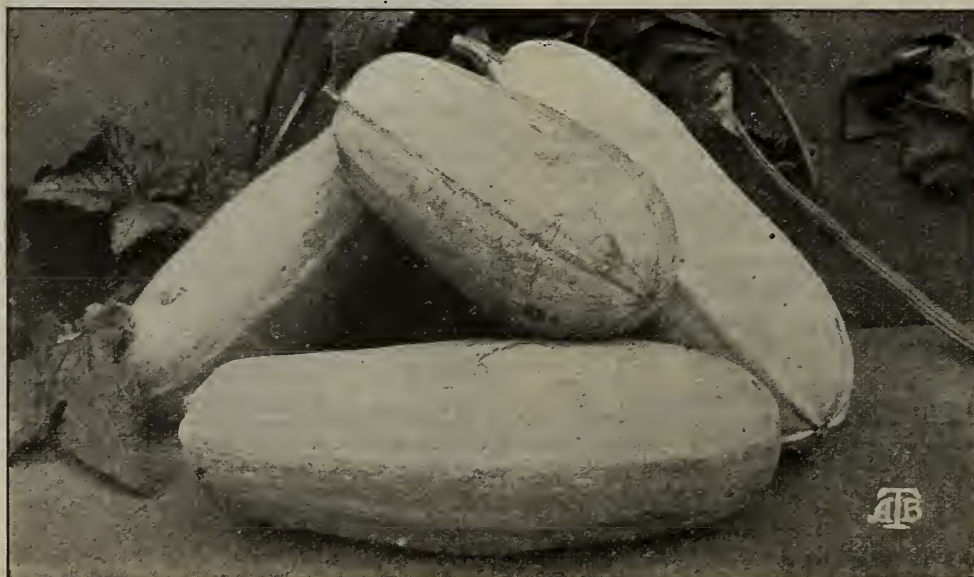
AUTUMN-FRUITING

ST. ANTOINE DE PADOUE. 1249.

Pkt. 50 cts.

ST. JOSEPH. 1250.

Pkt. 50 cts.



English Vegetable Marrow

TOMATO *Liebesapfel* TOMATE
Tomate

Culture.—For first-early Tomatoes select varieties of the earliest types, and start the plants under glass during February. When plants are 2 inches high, transplant into flats, thumb pots, or plant boxes, and later on transplant again, giving more room. Never crowd the plants, but keep them short and stocky. Plants already in bloom or with fruit set, if in wooden plant boxes or in pots, may be transplanted in open ground without disturbing their roots, and will continue to bloom and fruit without check. Set these sorts 4 feet apart each way in warm, mellow soil of fair fertility as soon as danger from belated frost is past. For main crop the plants can be started somewhat later, in hotbed or coldframe, once transplanted to keep them stocky, and then set in open ground in fairly warm soil, 5 feet apart each way. A very ornamental show can be made in the home-garden by training Tomato plants to stakes, poles, or trellis. Applications of sheep manure or Thompson's Vine, Plant and Vegetable Manure will have a very happy effect on Tomatoes in hastening maturity and increasing the yield. One ounce of seed will produce from 3,000 to 4,000 plants.

Acme. 1278. Rich, glossy crimson, tinged with purple, perfectly smooth; one of the earliest. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1.25.

Aero. 1257. A reselected Tuckwood Favorite, with all its good qualities of earliness, cropping properties, healthy constitution, its solid and delicate flesh and its evenness of size. Contains very few seeds; bright scarlet, with rich, acid flavor. Recommended for all purposes and does well under glass. Pkt. 25 cts.

Beauty. 1279. Round, smooth, glossy; crimson, tinted with purple. Excellent quality; solid and free from core. Early, vigorous. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1.25.

Bucks' Tresco. 1258. This variety, introduced in England three or four years ago, has become very popular in American gardens. It produces medium-sized fruit in abundance, and does equally well indoors or out. Pkt. 30 cts.

Chalk's Early Jewel. 1281. Very fine; large, solid, smooth and bright red; similar to the Stone, but very early. Pkt. 5 cts., oz. 40 cts., ¼lb. \$1.25.

Crimson Cushion. 1282. Brilliant scarlet-crimson; very large, solid, and almost seedless. Pkt. 10 cts., oz. 65 cts., ¼lb. \$2.

Comet. 1259. This is a splendid variety for either indoors or out. It is very short-jointed, fruiting close up to the stem. The Tomatoes are of good medium size, quite smooth, very solid, and of a deep scarlet color. Comet has been extensively used for forcing by market-growers, and is now the favorite sort for this purpose. Pkt. 25 cts.

Dwarf Champion. 1283. The foliage is very marked, of a dark green color; leaves thick and different from other sorts; fruits smooth, medium in size and similar in color to the Acme. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1.25.

Early Sunrise. 1256. The chief points in Sunrise are: Its earliness (it was exhibited in full fruit on July 4), its cropping properties, its healthy constitution (no trace of disease), its solid but delicate flesh (contains few seeds), its evenness in size as a dessert fruit, its bright scarlet color and rich acid flavor, its equal value for indoor or outdoor cultivation. Pkt. 25 cts.

Earliest of All. 1269. Fruit of medium size, brilliant red color, and good form; very prolific, and of superior flavor. Pkt. 25 cts.

Earliana. 1285. Extra early; bright red, smooth. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1.25.

Early Ruby. 1286. The earliest of all large Tomatoes; distinct and handsome appearance. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1.25.

Favorite. 1287. Bright red; ripens evenly and well up to the stem; of good size, globular. Pkt. 5c., oz. 35c., ¼lb. \$1.25.

Freedom. 1288. As early as Ruby, perfectly round, solid and with few seeds; bright scarlet; borne in clusters and very prolific. Pkt. 5c., oz. 35c., ¼lb. \$1.25.

Frogmore Selected Forcing. 1261. A splendid variety for forcing. Fruit good size, deep bright red color; shape round and smooth; flesh solid and of exquisite flavor. Pkt. 25 cts.

Hipper No. 1. 1262. This is a grand English variety, either for forcing or out-of-door work. The color is a rich crimson; fruit round and of excellent flavor; little core or seed. Pkt. 25 cts.

Holmes' Supreme. 1263. The Forcing Tomato. Medium-sized, scarlet fruit, round, smooth and firm; heavy cropper; fine for growing under glass or outdoor cultivation. Pkt. 25 cts.

Ponderosa, or Beefsteak. 1293. Claimed to be the largest that has yet been introduced. Bright red; rather flat; flavor and solidity unequalled. Pkt. 10 cts., oz. 65 cts., ¼lb. \$2.

Stirling Castle. 1265. Small size, very solid, finest flavor; enormously productive; fine for forcing under glass. Pkt. 25 cts.

Stone, Tall. 1294. This is a large, very smooth, bright scarlet Tomato, ripening evenly to the stem without cracking. The flesh is firm, solid, and of excellent quality; one of the best for shipping. Pkt. 5 cts., oz. 40 cts., ¼lb. \$1.25.

Dwarf Stone. 1284. A dwarf, sturdy plant like the Dwarf Champion in habit, but of stronger growth. The fruits are large and resemble the original Stone. The shape is perfect, with good skin, very solid flesh and of excellent flavor. The plants are very stocky and do not spread much. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.75.

Lister's Prolific. 1264. Handsome, medium-sized fruit, very prolific and of excellent flavor. Pkt. 25 cts.

Livingston's New Coreless. 1290. Large size, globe-shaped; bright red; full-stemmed, heavy cropper. The two distinctive features which stand out most prominently are great depth from stem to blossom—and the depression at the stem has been almost entirely eliminated. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.75.

Market King. 1273. A very heavy cropper, early, and produces round fruit, medium in size and very regular both in size and shape. It is clean and vigorous in growth and short-jointed, with large trusses of even, first-quality fruit. Pkt. 25 cts., 5 pkts. \$1.

Matchless. 1291. Early; uniform shape; dark red; possesses extraordinary keeping qualities. Can be thoroughly recommended as a first-rate Tomato. Pkt. 5 cts. oz. 35 cts., ¼lb. \$1.25.

Perfection. 1292. An early variety of blood-red color; perfectly smooth; bears abundantly until frost. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1.25.

Pioneer. 1274. Very heavy cropper; fruits hang in clusters and weigh about 6 to the pound. Very early and suitable for outdoors as well as for greenhouse. An excellent variety for exhibition. Pkt. 25 cts., 5 pkts. \$1.



Lister's Prolific Tomatoes

TOMATOES, continued

Sutton's A1. 1266. Fruits are of good size, produced in bunches of ten to sixteen in number; very rich color; form round or apple-shaped, smooth; of the finest quality. Extremely attractive while growing and on the table. A first-rate variety for exhibition. Pkt. 25 cts.

Sutton's Best of All. 1267. Sets freely and is an immense cropper, producing heavy bunches at short intervals all over the plant. Fruits smooth, excellent in form, of good size, and so solid that little seed is produced; color deep scarlet. Pkt. 75 cts.

Table Queen. 1295. Said to be the largest and heaviest smooth Tomato ever offered; rich crimson, and of a most agreeable acid flavor. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25.

Trophy, Extra-Selected. 1296. Large, smooth and solid variety, of fine flavor and immensely productive. The best for general and late crop. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25.

Tuckwood Favorite. 1272. A grand Tomato and tremendously productive; fruit is borne in immense bunches; round, smooth, solid, and of good form and flavor. Pkt. 25 cts.

Sutton's Winter Beauty. 1271. Winter-fruited variety. Fruits of good size, fairly smooth, deep in color, and of superb quality. Pkt. 25 cts. Sutton's original packets, 75 cts. each.

FANCY-SHAPED TOMATOES

For Preserves and Pickles

	Pkt.	Oz.		Pkt.	Oz.
Red Cherry. 1299	\$0 05	\$0 40	Red Strawberry. 1304	\$0 05	\$0 40
Red Currant. 1300	05	40	Yellow Cherry. 1305	05	40
Red Peach. 1301	05	40	Yellow Peach. 1306	05	40
Red Pear. 1302	05	40	Yellow Pear. 1307	05	40
Red Plum. 1303	05	40	Yellow Plum. 1308	05	40

TURNIP

For early Turnips, sow as soon as the ground opens in spring. Turnips are generally sown broadcast, but much larger crops are obtained (particularly of the Rutabagas) by cultivating in drills 18 inches apart, and thinning to 6 inches in the drills. Sow in drills, one pound to the acre; broadcast, two or three pounds to the acre.

Boddington's Model Snowball. 1319. The earliest and most perfectly formed round white Turnip for garden use. Our stock has been continuously selected for many years, resulting in a beautiful shape, with short top and a single tap-root. Flesh snowy white, solid and mild in flavor. This Turnip has probably been awarded more first prizes than any other. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Early Flat Dutch. 1320. Adapted for spring sowing. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

Early White Strap-Leaf. 1322. The best white table or market variety. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

Extra-Early Purple-Top Milan. 1323. The bulbs are white, with purple top, round, flattened and solid; flesh pure white, sweet and crisp. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Extra-Early White Milan. 1324. A splendid extra-early Turnip, in which the extreme earliness, small top and tap-root of the Purple-Top Milan are united with clear white skin and flesh. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Golden Ball. 1325. Bulb of fine form and bright yellow color; a fine keeper; unsurpassed for table use. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

Long White, or Cowhorn. 1326. A quick-growing, long-shaped variety; flesh fine-grained and sweet, an excellent sort for table use. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

Purple-Top White Globe. 1327. A very handsome, globe-shaped variety; valuable for market purposes. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

Red-Top Strap-Leaf. 1328. Extensively grown both for table and for stock. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Sutton's Scarlet Perfection. 1329. For its fine color, striking form and high quality, this Turnip deserves to be widely grown. In shape it is

perfect, and the skin is bright crimson-scarlet; on the exhibition table it presents a most attractive appearance. Flesh white, close; flavor very sweet. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

White Egg. 1330. White skin; flavor of the best; mild and sweet. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Yellow Aberdeen, Purple Top. 1331. A very hardy and productive variety; good for either table or stock. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Yellow Globe. 1332. The best yellow variety for general crop. It keeps well until late in the spring and is excellent for table use. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

Yellow Malta. 1333. Early; fine flavor. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

Yellow Stone. 1334. Excellent variety for early or late sowing; a good cropper and fine keeper; valuable for table use. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

GARDEN SWEDE. 1340. Specially adapted for garden. Stands the severe weather better than the Turnip, and prolongs the supply of this valuable vegetable. Pkt. 5 cts., oz. 20 cts.

RUTABAGAS

(Russian or Swede Turnips)

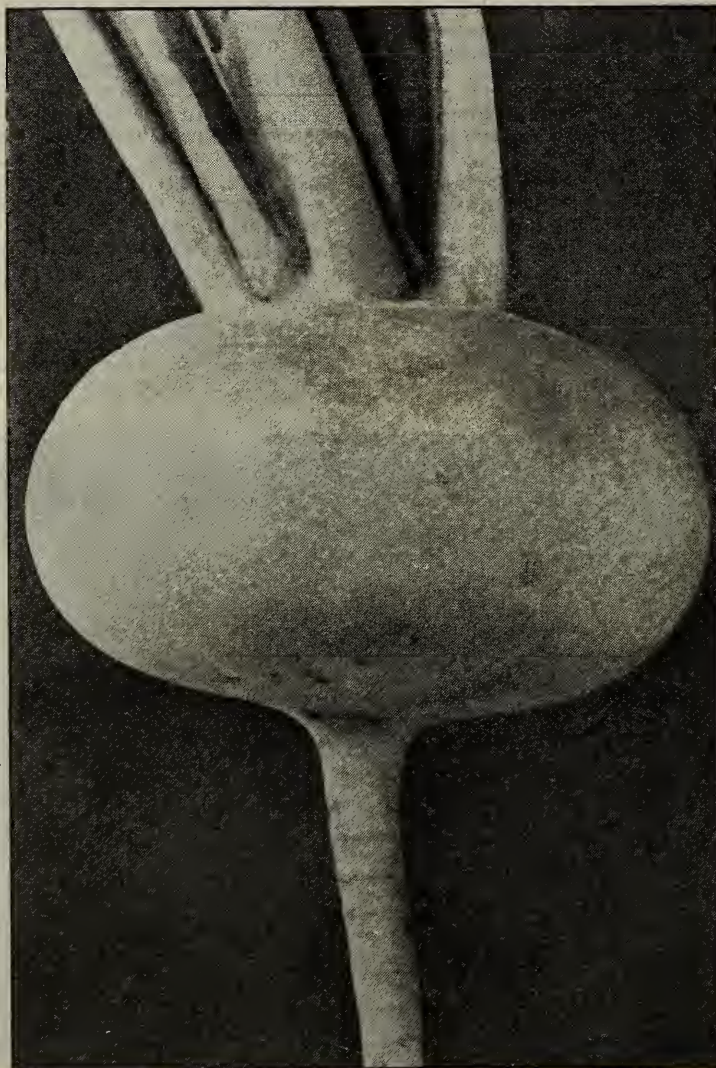
One ounce will sow 150 feet of drill; 1 to 2 pounds to the acre.

Champion. 1421. Surpasses all the other varieties for size and richness. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 80 cts., lb. \$2.75.

Improved American. 1422. A yellow-fleshed, purple-top variety, grown for stock or table. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 80 cts., lb. \$2.75.

Long Island Improved. 1423. Much larger than the ordinary American. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Skirving's Purple-Top. 1424. A very heavy cropper; one of the best for field culture. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 80 cts., lb. \$2.75.



Boddington's Early Model Snowball Turnip

POT, SWEET, AND MEDICINAL HERBS

	Pkt.	Oz.		Pkt.	Oz.
Agrimony (<i>Agrimonia officinalis</i>). 1350. For medicinal purposes.	\$0 10	\$1 00			
Angelica (<i>Archangelica officinalis</i>). 1351. Garden. For flavoring wine and cakes.	05	50			
Anise (<i>Pimpinella anisum</i>). 1352. Seeds aromatic and carminative.	10	25			
Arnica (<i>A. montana</i>). 1353. Tincture of Arnica is made from it.	10	1 75			
Balm (<i>Melissa officinalis</i>). 1354. For culinary purposes.	10	40			
Basil, Dwarf or Bush (<i>Ocimum minimum</i>). 1355. Culinary herb.	10	30			
Basil, Sweet (<i>Ocimum Basilicum</i>). 1356. Culinary herb used for flavoring soups, etc.	10	30			
Belladonna (<i>Atropa Belladonna</i>). 1357. Used in medicine.	25				
Bene (<i>Sesamum orientale</i>). 1358. The leaves used for dysentery.	10	30			
Borage (<i>Borago officinalis</i>). 1359. Leaves used as a salad.	05	20			
Caraway (<i>Carum Carui</i>). 1360. Used in flavoring liquors and bread.	10	30			
Catnip (<i>Nepeta Cataria</i>). 1361. Has medicinal qualities.	10	75			
Chamomile (<i>Matricaria Chamomilla</i>). 1362.	10	1 00			
Coriander (<i>Coriandrum sativum</i>). 1363. Seeds aromatic.	05	20			
Cumin (<i>Cuminum Cuminum</i>). 1364.	10	75			
Dill (<i>Anethum graveolens</i>). 1365. Seeds used for flavoring vinegar.	05	25			
Dill (<i>Anethum graveolens</i>). 1366. Mammoth. Much larger than above.	10	30			
Elecampane (<i>Inula Helenium</i>). 1367. Has tonic and expectorant qualities.	10	1 00			
Fennel, Sweet (<i>Feniculum vulgare</i>). 1368. Seeds aromatic; for flavoring.	10	25			
Fennel, Florence (<i>Feniculum dulce</i>). 1369. In flavor resembling celery.	10	30			
Foxglove, Purple (<i>Digitalis purpurea</i>). 1370. Has medicinal qualities.	10	50			
Fumitory (<i>Fumaria officinalis</i>). 1371. A medicinal herb.	10	1 75			
Henbane (<i>Hyoscyamus niger</i>). 1372. Has medicinal qualities; poisonous.	25				
Horehound (<i>Marrubium vulgare</i>). 1373. Has medicinal qualities.	10	50			
Hyssop (<i>Hyssopus officinalis</i>). 1374. Has medicinal qualities.	10	50			
Lavender, True (<i>Lavandula vera</i>). 1375. For oil and distilled water.	10	60			
Lavender (<i>Lavandula spica</i>). 1376. Possessing the same qualities as preceding, but in lesser degree.	\$0 10	\$0 30			
Lovage (<i>Levisticum officinale</i>). 1377. Has medicinal qualities.	10	1 25			
Marsh Mallow (<i>Althæa officinalis</i>). 1378. Has medicinal qualities.	10	50			
Marigold, Pot (<i>Calendula officinalis</i>). 1379. The flowers dried or fresh are used in soups.	10	50			
Marjoram, Pot (<i>Origanum Onites</i>). 1380. Used in seasoning.	10	75			
Marjoram, Sweet (<i>Origanum Majorana</i>). 1381. Used in seasoning.	10	50			
Mint, Curled (<i>Mentha crispa</i>). 1382. Crop failed.					
Mint, Peppermint (<i>Mentha piperita</i>). 1383. Crop failed.					
Pennyroyal (<i>Hedeoma pulegiodes</i>). 1384. Has medicinal qualities.	25				
Rosemary (<i>Rosmarinus officinalis</i>). 1385. Yields an aromatic oil and water.	15	1 00			
Rue (<i>Ruta graveolens</i>). 1386. Said to have medicinal qualities.	10	75			
Saffron (<i>Carthamus tinctorius</i>). 1387. Used in medicine, and also in dyeing.	10	75			
Sage, Common (<i>Salvia officinalis</i>). 1388. A culinary herb; also used in medicine.	05	30			
Sage, Red (<i>Salvia Horminum</i>). 1389. Used as a culinary herb; also in medicine.	05	30			
Sage, Purple (<i>Salvia Horminum</i>). 1390. Used as a culinary herb; also in medicine.	05	30			
Savory, Summer (<i>Satureia hortensis</i>). 1391. Used as a culinary herb.	10	1 00			
Savory, Winter (<i>Satureia montana</i>). 1392. Used as a culinary herb.	15	1 50			
Tansy (<i>Tanacetum vulgare</i>). 1393. Generally used in bit- ters.	10	85			
Tarragon, True (<i>Artemisia Dracunculus</i>). 1394. Does not produce seed. Roots in fall and spring.					
Thyme, Broad-leaved English (<i>Thymus vulgaris</i>). 1395. Used as a seasoning.	10	75			
Thyme, French (<i>Thymus vulgaris</i>). 1396.	05	75			
Woodruff (<i>Asperula odorata</i>). 1397.	10	1 00			
Wormwood (<i>Artemisia Absinthium</i>). 1398. Has medicinal qualities.	10	75			



Field Corn, Brewer's Yellow Dent

FIELD CORN

Eight quarts will plant one acre in hills; 3 bushels will sow one acre broadcast, or half that quantity in drills

Brewer's Yellow Dent Corn. 1401. This variety was exhibited by Mr. N. H. Brewer, of Hockanum, Conn., at the National Corn Exhibition, Omaha, Neb., 1908, and he secured the grand prize for his Yellow Dent Corn, for the largest yield per measured acre in the United States, viz., 133 1/4 bushels shelled corn to the acre. The seed procured by us is pedigreed stock thoroughly selected and was supplied to our grower direct from Mr. Brewer, the originator of this variety. Qt. 50 cts., 1/2pk. \$1.25, pk. \$2.25, bus. \$7.

Early Leaming. A brand-new strain of Leaming, fully ten days earlier than this popular sort, which gives it a very distinct advantage, especially in the most northern climates. Qt. 40 cts., pk. \$1.50, bus. \$5.

Eureka Ensilage Corn. A very large-growing, leafy-stalk sort, and one of the best soil Corns. Pk. \$1.50, bus. \$5.

Golden Beauty. 1402. Qt. 40 cts., pk. \$1.50, bus. \$5.

Improved Leaming. 1403. Qt. 40 cts., pk. \$1.50, bus. \$5.

Longfellow. 1404. Yellow Flint. Qt. 40 cts., pk. \$1.50, bus. \$5.

Red Cob Ensilage. The standard soil Corn. Pk. \$1.50, bus. \$5.

Southern Horsetooth. 1405. Qt. 40 cts., pk. \$1.50, bus. \$5.

Sweet Fodder. 697. Price on application.

ROOT CROPS FOR FEEDING STOCK

CARROT One ounce will sow 100 feet of drill; 3 to 4 pounds to the acre

	Oz.	¼lb.	Lb.
Danvers Half-Long. 530.....	\$0 25	\$0 85	\$3 00
Improved Long Orange. 537.....	25	75	2 50
White Belgian. 540.....	15	50	1 50
Yellow Belgian. 541.....	15	50	1 50

RUTABAGAS (Russian or Swede Turnips)

One ounce will sow 150 feet of drill; 1 to 2 pounds to the acre

	Pkt.	Oz.	¼lb.	Lb.
Champion. 1421. Surpasses all the other varieties for size and richness....	\$0 10	\$0 30	\$0 80	\$2 75
Improved American. 1422. A yellow-fleshed, purple-top variety, grown for stock or table.....	10	30	80	2 75
Long Island Improved. 1423. Much larger than the ordinary American.....	10	30	85	3 00
Skirving's Purple-Top. 1424. A very heavy cropper; one of the best for field culture.....	10	30	80	2 75

MANGEL-WURZEL Sow 6 to 8 pounds to the acre

- Champion Yellow Globe. 1430.** Smooth, globe-shaped roots, of large size and excellent quality.
- Colossal Long Red. 1431.** Roots of the largest size, blood-red color. Exceedingly nutritious, distinct and valuable.
- Giant Intermediate. 1432.** An improvement on Yellow Ovoid.
- Golden Tankard. 1433.** Flesh bright golden yellow, and in this respect differs from all other varieties, which cut white.
- Long Yellow. 1434.** Differs from Long Red only in color.
- Red Globe. 1435.** Similar to the Yellow Globe, differing only in color.

Price of any of the above, oz. 20 cts., ¼lb. 50 cts., lb. \$1.25, 10 lbs. and upwards, \$1 per lb.

SUGAR BEET Sow 6 to 8 pounds to the acre

- Klein Wanzleben. 1438.** Extensively grown for feeding and sugar. Oz. 20 cts., lb. \$1.25.

MISCELLANEOUS CEREALS, Etc.

All varieties are subject to market changes. Prices on application

CANADIAN FIELD PEAS

Valuable for northern climates, for cattle-feeding, especially for milch cows. It also makes fine ensilage. It is sown broadcast in the spring and harrowed in. If sown with oats, about 1½ bushels to the acre should be used; if in drills, 2 to 3 bushels to the acre.

COWPEAS (*Vigna Catjang*)

Specially adapted to warm countries; extensively grown in our southern states; also valuable in this latitude as a fodder-plant; their chief value, however, is as a green-crop to plow under. The seed should not be sown till the ground has become well warmed. One bushel to the acre in drills; 2 to 2½ bushels to the acre if sown broadcast.

Black-eyed, Clay, Whippoorwill. Prices quoted on application.

SOJA BEANS

Thrives well in hot, dry weather. Valuable for the South. Plant at the rate of ½ to ¾ bushels to the acre, in drills 2½ to 3 feet apart, and cultivate same as field corn. It does not make good hay, but is good as ensilage or green fodder. Principal varieties. (60 lbs. to the bushel.)

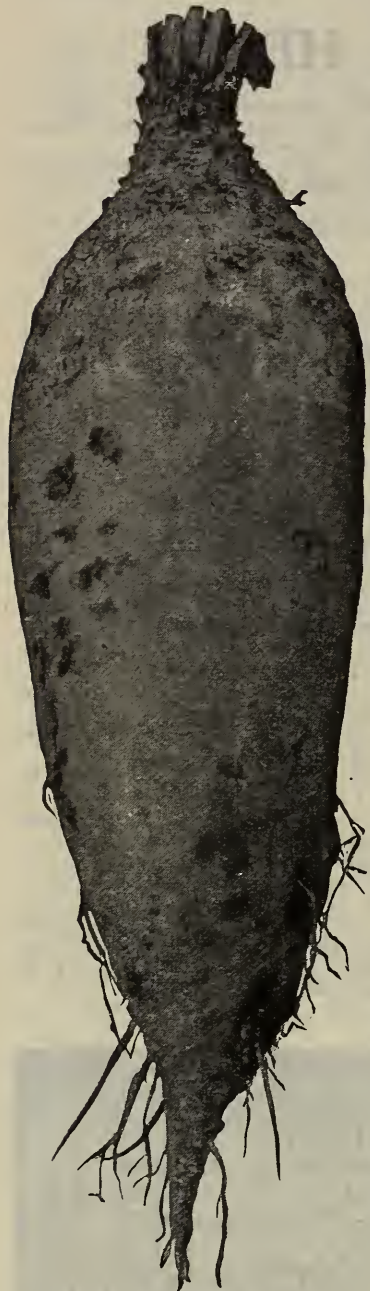
RYE. (56 lbs. to the bushel.) Sow 1½ to 2 bushels to the acre.	} Current market prices on application
Spring. 1465.....	
Winter Excelsior. 1466.....	
Winter, Mammoth. 1467.....	} Current market prices on application
WHEAT. (60 lbs. to the bushel.) Sow 1½ bushels to the acre.	
Durum. 1472. Used for macaroni.....	
Klondike. 1473.....	
Rupert's Giant. 1474.....	} Current market prices on application
Spring. 1475.....	

RAPE, Dwarf Essex, English. 1480. Fine for sheep-pasture and soiling. Sown in May, it is ready for pasturing in July and August. Sow in drills, 5 lbs. to the acre; broadcast, 10 lbs.

SUNFLOWER, Large Russian. 1482. Fine for poultry-feed.

VETCHES, Spring Tares. 1483. Sow 70 to 90 lbs. to the acre.

Winter Tares: 1484. Do well on poor land. Sow either in spring or fall, with rye for support. Extremely hardy. Sow 40 lbs. to the acre.



Colossal Long Red Mangel-Wurzel

- BARLEY, Champion. 1440.** (48 lbs. to the bushel.) Sow 2 bushels to the acre.
- BUCKWHEAT.** (48 lbs. to the bushel.) Sow 1 bushel to the acre.
 - Japanese. 1443. Large grains.
- MILLET.** (50 lbs. to the bushel.)
 - Golden. 1445. For canary-feeding, etc. Sow 60 lbs. to the acre.....
 - Hungarian. 1446. Sow 60 lbs. to the acre. Prices variable.
 - Japan Barnyard. 1447. Useful for fodder. Sow 40 lbs. to the acre.....
 - Pearl. 1448.....
 - Red Siberian. 1449.....
 - White French. 1450.....
- OATS.** (32 lbs. to the bushel.) Sow 2½ to 3 bushels to the acre.
 - Black Bell. 1456. (Swedish-grown).....
 - Clydesdale. 1457. (Home-grown).....
 - Golden Rain. 1458. (Swedish-grown).....
 - Conqueror. 1459. (Swedish-grown).....
 - Grand Mogul. 1460. (Swedish-grown).....

Current market prices on application

Current market prices on application

SPECIAL ATTENTION IS CALLED TO OUR SWEDISH OATS LISTED ABOVE

Vegetable Plants, Roots and Herbs

Artichoke. (French.) Boddington's Selected Each	Doz.	100
Large Green. Plants ready for shipment about March 1.....	\$0 15	\$8 00
Cabbage. Hotbed plants for delivery April 15 to June 1. Early Jersey Wakefield, Charleston Wakefield, Early Summer. 1,000, \$7.50.....	15	1 00
Cauliflower. Snowball and Selected Eriurt. From hotbed; ready April and May.....	25	1 50
Chives. bunch, 25c.....	2 50	20 00
Cinnamon-Vine Roots (Chinese Yam).....	05	20 75
Eggplant. Ready in May and June. Black Beauty, the finest and best variety. Grown in pots.....	80	6 00
Hop-Vine Roots.	10	1 00
Jerusalem Artichoke Roots. Qt. 30 cts., pk. \$1.75.....		
Horse-Radish Roots. Cut in pieces.....	20	1 00
Horse-Radish, Maliner Kren. This new variety of Horse-Radish was first discovered by the United States Agricultural explorer, Mr. David Fairchild, in Bohemia, about ten years ago. Is as white as snow; free from disease; grows to enormous size. Selected roots.....1,000, \$12..	25	1 50
Lavender, True	15	1 50
Pennyroyal	10	1 00

Peppermint	Each	Doz.	100
Peppers. Pot-grown plants, ready in May and June. Bell or Bull Nose, Long Red Cayenne.....	\$0 15	\$1 50	
Rosemary	15	1 50	
Rhubarb Roots. Strong.....	15	1 50	60 \$5 00
Sage (Mammoth).....	10	1 00	
Spearmint	15	1 50	
Sweet Potato. Ready in May and June. Red and Yellow Nansemond.....1,000, \$4.50..			50
Tansy	10	1 00	
Tarragon	35	3 50	
Thyme, Broad-leaved English.	15	1 25	

TOMATO PLANTS. Pot-grown

Crimson Cushion	Doz.	100
Ponderosa, or Beefsteak	\$0 75	\$5 00
June Pink	75	5 00
Earliest of All	75	5 00
Acme	60	4 00
Stone	60	4 00

We supply Tomato plants, grown in flats, at 30 cts. per doz., \$2.50 per 100.

ASPARAGUS (*Asparagus officinalis*)

Garden Culture.—Locate the Asparagus-bed away from the roots of trees, shrubbery, or privet hedge. Commence at one end and dig a trench two spades deep and cart the soil so excavated to the other end of the bed.

Place in the bottom of the trench 8 inches of well-rotted manure; cover this with the soil excavated in digging the next trench, and repeat the operation until the preparation of the bed is complete.

Mark out rows 4 feet apart, and plant the roots 1 foot apart, covering with 5 inches of soil. Forcing crowns are not suitable for any culture but forcing. For garden culture young roots, 3 years old, give the best results.

Top-dress the bed each spring with manure or fertilizer before the growth starts. Asparagus should not be cut until the second year, and then only sparingly.

After two years' growth the bed will be in full bearing and may be cut more liberally until about July 4.

Forcing Crowns. These are extra heavy and suitable only for forcing under glass or in frames. Five-year-old, extra strong, \$1.50 per doz., \$10 per 100, \$90 per 1,000.

Conover's Colossal. Extra-strong, three-year-old, \$2 per 100, \$16 per 1,000.

Palmetto. Extra-strong, three-year-old, \$2 per 100, \$16 per 1,000.

FORCING SEA KALE ROOTS, BODDINGTON'S LILY-WHITE (*Crambe maritima*)

Sea Kale is almost unknown in America, but considered quite a delicacy in Europe. It is one of the most succulent and edible vegetables known, and can be forced like rhubarb, or grown in the open ground and protected so that it will blanch. In form and flavor it is not unlike celery, though it is not eaten raw, but is cooked in the same manner as asparagus.

Put into boiling water, and cook for ten minutes; pour off the water to get rid of the strong flavor; add more boiling water from the kettle, and boil ten to fifteen minutes longer. Serve with white sauce, the same as in serving asparagus.

Imported Extra-selected Forcing Crowns. \$2 per doz., \$15 per 100.

Note.—All Plants and Roots are shipped by express, customer paying charges. If wanted by parcel post, add 10 per cent to amount of order.



Asparagus, Forcing Crown

PARCEL-POST ZONE RATES WITHIN THE UNITED STATES

Zone	Distance from N. Y. City	1st lb. or fraction	Additional lb. or fraction	Postage for 20 lbs.	Approximate express for 20 lbs.
1st..	50 miles.....	\$0 05	\$0 01	\$0 24	\$0 25
2d...	51 to 150 miles.....	05	01	24	26
3d...	151 to 300 miles.....	06	02	44	\$0 27 to \$0 44
4th...	301 to 600 miles.....	07	04	83	45 to 50
5th...	601 to 1,000 miles.....	08	06	1 22	48 to 55
6th...	1,001 to 1,400 miles.....	09	08	1 61	62 to 75
7th...	1,401 to 1,800 miles.....	11	10	2 01	97 to 1 10
8th...	Over 1,800 miles.....	12	12	2 40	1 30 to 1 68

Maximum weight, 50 lbs. to 1st and 2d zones, and 20 lbs. from the 3d zone upward.



Boddington's Mixture for Shady Lawns

LAWN GRASS SEED

The "Lenox Formula." This mixture is composed of fine-leaved, dwarf-growing grasses, all of the highest quality re-cleaned seed. With proper preparation of the soil before sowing it will produce a rich, velvety lawn in six to eight weeks, which will remain green throughout the year. This mixture has produced some of the most famous lawns in the United States. We recommend sowing early in spring, or from middle of August to middle of September, five bushels of seed to the acre, or for renovating old lawns, one to two bushels. One pound of seed will sow 250 square feet; one bushel 5,000 square feet. **Our bushel contains twenty (20) pounds of re-cleaned grass seed. Many low-priced grass seed mixtures weigh only fourteen (14) pounds to the bushel, which will indicate a large proportion of chaff, while some seedsmen make a point of the fact that their lawn grass mixture weighs twenty-five (25) pounds to the bushel, which indicates an undue proportion of the coarser grasses. Price, lb. 40 cts., 10 lbs. \$3.75. Per bus. of 20 lbs. \$7.**

BODDINGTON'S CENTRAL PARK MIXTURE. A mixture of grasses peculiarly suited to take firm hold and grow quickly. Makes a lawn in four to five weeks. The best time to sow is very early in spring, but seed may also be sown in August and September. Price, lb. 35 cts., 10 lbs. \$3, bus. (20 lbs.) \$5.50.

BODDINGTON'S SPECIAL "PUTTING-GREEN." The finest low-growing grasses are contained in this mixture, producing a lasting green turf that will withstand hard wear and tear. Price, lb. 50 cts., 10 lbs. \$4, bus. (20 lbs.) \$7.50.

BODDINGTON'S FAIR-GREEN LAWN GRASS. For the golf-links. Price, bus. (20 lbs.) \$5.50, 10 lbs. \$5.

BODDINGTON'S "TERRACE MIXTURE." A mixture of strong, deep-rooted grasses for banks and terraces that will prevent washing away during heavy rains. Price, lb. 50 cts., 10 lbs. \$4, bus. (20 lbs.) \$7.50.

N. B.—We shall be pleased to make special mixtures for particular purposes or to suit exceptional conditions of soil, situation or climate. We invite consultation about any difficulties experienced in getting the right turf for any purpose or any place.

BODDINGTON'S MIXTURE FOR SHADY LAWNS. A mixture of fine grasses for growing in the shade and under trees. Price, lb. 50 cts., 10 lbs. \$4, bus. (20 lbs.) \$7.50.

BODDINGTON'S LAWN GRASS FOR THE SOUTH. A mixture of grasses that stand extremes of heat and drought well, and that are therefore peculiarly adapted for southern lawns. Price, lb. 50 cts., 10 lbs. \$4, bus. (20 lbs.) \$7.50.

BODDINGTON'S SEASHORE GRASS. A mixture of fine grasses peculiarly suited to seaside lawns. Price, lb. 50 cts., 10 lbs. \$4, bus. (20 lbs.) \$7.50.

BODDINGTON'S TENNIS-COURT LAWN GRASS. A mixture of extra-fine grasses, peculiarly adapted for tennis-courts. This mixture will make a firm, green and lasting turf of the finest texture, that will improve with trampling. Price, lb. 50 cts., 10 lbs. \$4, bus. (20 lbs.) \$7.50.

BODDINGTON'S ENGLISH GRASSES FOR GOLF-GROUNDS

To meet the demand for English putting-green and fair-green mixtures, we have had prepared, by one of the highest English authorities on golf and grasses, formulas in accordance with the British idea of what these mixtures should consist of. These grasses have been used for years on the leading golf-courses in the British Isles and to some extent in the United States with complete satisfaction, where provision is made for watering the greens.

BODDINGTON'S ENGLISH PUTTING-GREEN FORMULA. Per lb. 60 cts., 10 lbs. \$4.50, bus. (20 lbs.) \$8.50.

BODDINGTON'S ENGLISH FAIR-GREEN FORMULA. Per bus. (20 lbs.) \$7, 10 bus. (200 lbs.) \$65.

For large quantities write for quotations. For Lawn Mowers, power, horse, or hand; Fertilizers, Worm Eradicators and all other requisites for Lawns or Golf-Links, see list of Implements and Sundry Garden Requirements.

GRASS SEEDS

Grass Seeds are sold in the trade by sample, and each sort is divided into three or four grades of quality, according to purity, germination and weight. The price of the best grade is often double that of the ordinary. The Grass Seeds offered by us are in every case the VERY HIGHEST GRADE. We do not carry the lower grades, but can quote, if requested. Prices subject to change without notice. Special quotations on large quantities.

	Lb.	10 lbs.	100 lbs.
Bermuda Grass (<i>Cynodon dactylon</i>). A very valuable grass in the warmer climates. Resists extreme drought and high temperature and grows freely on a sandy soil where other grasses will not thrive. Does not do well in the shade. Being difficult to eradicate, it should not be sown unless desired permanently. 15 lbs. to the acre. Sow in the spring.	\$0 90	\$8 00	\$70 00
Canada Blue Grass (<i>Poa compressa</i>). This is a hardy perennial grass which forms a strong turf. It adapts itself to all soils and withstands differences of soils and climate better than most other grasses. Particularly adapted to the eastern and middle states for pasture and dairy use. For a lawn grass it is of considerable value. 60 lbs. to the acre.	25	2 25	20 00
Creeping Bent (<i>Agrostis stolonifera</i>). The distinctive feature of this species is its compact, creeping, rooting stems. It is of rapid growth and spreading habit, and the stoloniferous roots form a strong, enduring turf that is positively improved by constant trampling. Being of fine texture, it is most valuable for lawns. 60 lbs. to the acre.	1 25	10 00	
Crested Dog's-Tail (<i>Cynosurus cristatus</i>). A valuable grass for lawn or pasture; it forms an even and compact sward. Does fairly well in shade and should be a constituent of all good shade lawn mixtures. 50 lbs. to the acre.	45	4 00	35 00
English Rye Grass (<i>Lolium perenne</i>). Succeeds well in our eastern states, and adapts itself to a great diversity of soils. Produces a strong, verdant growth four or five weeks after sowing. It cures into hay having a sweet flavor much relished by cattle, and highly nutritive, especially in mixture with red clover. 60 lbs. to the acre.	20	1 75	15 00
English Rye Grass, Pacey's Strain . Somewhat superior to the regular strains of English Rye Grass and claimed to be hardier. 60 lbs. to the acre.	25	1 80	16 00
Fine-leaved Sheep's Fescue (<i>Festuca tenuifolia</i>). Valuable for lawns and for pasture purposes, succeeding well even in high and dry situations and poor soils. 30 lbs. to the acre.			Crop failed
Hard Fescue (<i>Festuca duriuscula</i>). A dwarf-growing variety, succeeding well in dry situations, both for lawns and pastures. 30 lbs. to the acre.			Crop failed
Italian Rye (<i>Lolium Italicum</i>). Thrives in almost any soil; lasts only one year. Good to assist other grasses the first year. A rapid grower and good to rid land of weeds, as it quickly overtops them, preventing them from ripening. Used as a lawn grass in the South. 60 lbs. to the acre.	20	1 75	15 00
Kentucky Blue Grass (<i>Poa pratensis</i>). It is a true perennial, lasting indefinitely and improving every year. Its densely creeping root-stalks, spreading habit and smooth, even growth, fine texture and rich green color render it one of the very best grasses for lawns. It forms a close turf, starts very early in the spring, and lasts till frost. It succeeds in almost any soil—dry, rocky, sandy or gravelly, and stands long-continued dry weather and hot suns. It takes, however, two or three years to become well established, and should, therefore, be sown only in connection with other grasses. If the soil is especially suitable, it will eventually crowd these out and make the finest possible sward. It is one of our most valuable pasture grasses, very productive and nutritious. 50 lbs. to the acre.	55	5 00	45 00
Meadow Fescue (<i>Festuca pratensis</i>). Valuable for permanent pasture. It succeeds best in cold, moist, light soils, in well-drained meadows and in low valleys rich in organic matter. It should not be grown at all on warm, dry land. It does not reach its full development till the second or third year, when it far exceeds most other sorts in quantity and nutritive matter. 50 lbs. to the acre.	40	3 50	30 00
Meadow Foxtail (<i>Alopecurus pratensis</i>). For permanent pastures; rapid growth. Sow only in mixture with other grasses. 3 to 4 lbs. to the acre; if sown alone, 25 lbs. to the acre.	70	6 00	50 00
Orchard Grass (<i>Dactylis glomerata</i>). Valuable for mixtures, either for pasture or hay. It succeeds well in the shade, and is recommended for pasture in woodlands. Its tendency to grow in tussocks is diminished if sown with other grasses. 60 lbs. to the acre.	45	4 00	37 50
Red or Creeping Fescue (<i>Festuca rubra</i>). A splendid grass for light, sandy soils. Extreme drought-resister. Valuable in seeding banks and exposed locations, binding drifting sands, and is very valuable as a lawn grass for shady spots; forms a very close, durable turf, suitable for putting-greens. 30 lbs. to the acre.	55	5 00	45 00
Red-Top, Fancy Re-cleaned Seed (<i>Agrostis vulgaris</i>). Absolutely clean and free from chaff. A hardy, native perennial grass; does best on moist soils; it, however, accommodates itself to a variety of soils, even to dry situations, and stands our hot summers admirably. One of the best grasses for lawn or pasture. 35 lbs. to the acre.	40	3 00	25 00
Red-Top, Unhulled (<i>Agrostis vulgaris</i>). Same as the preceding. This is the seed in its natural state. Usually used in large seedings on account of its lower cost. 80 lbs. to the acre.	20	1 75	15 00
Rhode Island Bent Grass (<i>Agrostis canina</i>). This variety makes a beautiful close, fine turf, and is one of the best lawn grasses in mixture with other sorts. Adapts itself to almost any soil. 80 lbs. to the acre.	60	5 50	50 00
Rough-stalked Meadow (<i>Poa trivialis</i>). Valuable on damp soils. One of the best grasses for hay and pasture mixtures, being a splendid "bottom" grass; useful also for shaded portions of lawns. 20 lbs. to the acre.	90	8 00	70 00
Sand or Mat Grass (<i>Ammophila arundinacea</i>). Valuable on the seashore, canal and railway banks, etc. Sow in the spring. Should be used in mixture with Sea Land Lyme Grass (<i>Elymus arenarius</i>). 60 lbs. to the acre.			Crop failed
Sea Land Lyme Grass (<i>Elymus arenarius</i>). Valuable on seashore, canal and railway banks, etc., and should be used in mixture with Sand or Mat Grass (<i>Ammophila arundinacea</i>). It is of no agricultural value. 65 lbs. to the acre.			Crop failed
Sheep's Fescue (<i>Festuca ovina</i>). This grass prefers dry uplands and thrives in poor, shallow, gravelly soils where other grasses would fail. In pasture mixtures on high and dry soils it is especially valuable. 35 lbs. to the acre.			Crop failed
Sweet Vernal, True Perennial (<i>Anthoxanthum odoratum</i>). For meadows its chief merit is the fragrant odor which its leaves emit when partially dried—the odor of new-mown hay—thus sweetening the hay. Sow 2 to 3 lbs. to the acre in mixture with other grasses.	75	6 50	60 00
Tall Fescue (<i>Festuca elatior</i>). This grass is very productive, of long duration and one of the best for hay and pasture. It is not suitable for lawns. 50 lbs. to the acre.			Crop failed
Tall Oat Grass (<i>Avena elatior</i>). Valuable for pastures on account of its early and luxuriant growth, which also continues late. It is much relished by cattle. For hay it may be cut twice a year. Very valuable, also, for the southern states. 50 lbs. to the acre.	40	3 50	30 00
Timothy, or Herd's Grass (<i>Phleum pratense</i>). On moist, loamy and clayey soils, it produces a larger crop of hay than any other grass. It is not so well suited for light and sandy soils. It should be cut when flowering as, if left later, the hay becomes hard and coarse. Timothy hay is very nourishing and can be preserved for a long time. It is often sown with red clover, and the nutritive value of the hay is greatly increased by this mixture. It is not suitable for permanent pasture, as in the course of a few years it disappears. 15 lbs. to the acre.	20	1 75	15 00
Various-leaved Fescue (<i>Festuca heterophylla</i>). A very early, hardy perennial, thriving best in cold, moist soils, rich in humus and potash. Its production of root-leaves makes it an excellent bottom grass both for hay and pasture mixtures. It grows well in the shade and is recommended for shaded lawns in mixture with other grasses. 50 lbs. to the acre.			Crop failed
Wood Meadow Grass (<i>Poa nemoralis</i>). Furnishes a fine, succulent herbage, much relished by cattle; its chief recommendation is its special fitness for shaded places in lawns where other grasses will not grow; it makes a good turf, and should be included in all good putting-green mixtures. 40 lbs. to the acre.			Crop failed

Quantities given above to sow to the acre are the minimum, and should be increased if the soil is poor

Grasses for Permanent Pasture and Hay Crops

It is a self-evident fact that land sown with grasses, especially selected for their suitability to the soil on which they are to be grown, produce much larger and more satisfactory crops than when only one or two varieties of grasses and clovers are used. Some grasses do best on high ground and in dry weather; others prefer plenty of moisture; some mature early, others late. Formulas for seeding grass-land have been subjects of much study and investigation with us for many years. We recommend the following, which have given almost universal satisfaction. The quantities given are the minimum and may be increased to advantage, depending on the fertility of the soil.

We are always glad to make up special mixtures and answer inquiries relative to grasses for different purposes and for sowing on various soils under varying climatic conditions.

Clover seed should be sown separately, as it is heavier than grass seed and is likely to settle at the bottom of the bag in transit; in consequence it is likely to be sown unevenly.

Clovers in their young state are tender north of New York City, and should therefore be sown in the spring in such localities

PERMANENT MIXTURES FOR HAY CROPS FOR ONE ACRE

FOR GOOD SOILS, COOL AND MOIST

17	lbs. Timothy.
8	" Red-Top.
7	" Orchard Grass.
5	" English Perennial Rye Grass.
1	" Meadow Foxtail.
1 1/2	" Italian Rye Grass.
1/2	" Perennial Sweet Vernal.

40 lbs. per acre, \$10

FOR HIGH, DRY SOILS

15	lbs. Timothy.
8	" Red-Top.
11	" Orchard Grass.
4	" Tall Oat Grass.
1	" Rough-stalked Meadow Grass.
1	" Crested Dog's-tail.

40 lbs. per acre, \$12

FOR WET SOILS

12	lbs. Timothy.
5	" Rhode Island Bent.
5	" Red-Top.
7	" Orchard Grass.
5	" Perennial Rye Grass.
2	" Italian Rye Grass.
2	" Tall Oat Grass.
2	" Meadow Fescue.

40 lbs. per acre, \$12

MIXTURES FOR PERMANENT PASTURES FOR ONE ACRE

FOR GOOD SOILS, COOL AND MOIST

8	lbs. Timothy.
7 1/2	" Red-Top.
4	" Orchard Grass.
5	" English Perennial Rye Grass.
2	" Meadow Fescue.
2	" Tall Oat Grass.
2	" Meadow Foxtail.
9	" Kentucky Blue Grass.
1/2	" Perennial Sweet Vernal.

40 lbs. per acre, \$12.50

FOR DRY SOILS

13	lbs. Timothy.
7	" Red-Top.
7	" Orchard Grass.
3 1/2	" Tall Oat Grass.
1	" Meadow Foxtail.
1/2	" Perennial Sweet Vernal.
8	" English Perennial Rye Grass.

40 lbs. per acre, \$12

FOR WET SOILS

10	lbs. Timothy.
4	" Red-Top.
12	" Kentucky Blue Grass.
4	" Orchard Grass.
7	" English Perennial Rye Grass.
1	" Meadow Fescue.
1	" Meadow Foxtail.
1	" Rough-stalked Meadow Grass.

40 lbs. per acre, \$14

Remember, the quantities given above are the minimum, and should be increased if the soil is poor

Any of the above formulas supplied in small quantities at lb. 50 cts., 10 lbs. \$4, 20 lbs. \$7.50.

Ten pounds of mixed Clover seed, sufficient for one acre in conjunction with the above formulas, \$4

CLOVERS

Prices on Grass and Clover seed subject to change without notice. Our Grass and Clover seeds are the very finest, purest re-cleaned seed
We do not carry the cheaper grades, but will quote prices on application

Alfalfa, or **Lucerne** (*Medicago sativa*). Requires well-drained land, an abundance of lime in the soil and inoculation with the Alfalfa bacteria. Given these three essentials, it can be grown anywhere in the United States. It should be sown alone (about the same time as oats are sown in this section) in thoroughly prepared, deeply plowed soil, at the rate of 20 to 25 pounds to the acre. It is also successfully sown as late as August and up to the middle of September in more southerly localities. The crop should be cut when the plant is coming into bloom. In suitable soil it is perennial, and several crops may be cut every year. Height, 1 to 3 feet. Lb. 40 cts., 10 lbs. \$3.50, 100 lbs. \$30.

Turkestan Alfalfa. Imported from Turkestan. It is said to be hardier and more productive than the ordinary variety, and to withstand drought better. Lb. 45 cts., 10 lbs. \$4, 100 lbs. \$35.

Alsike, or **Hybrid** (*Trifolium hybridum*). A perennial, 1 to 3 feet high, succeeding best in cold and stiff soils, and in marshy lands which are too wet for other species. It grows well in the far North and in high altitudes, and will withstand severe cold. A good honey plant for bees. 15 lbs. to the acre. Lb. 40 cts., 10 lbs. \$3.75, 100 lbs. \$35.

Bokhara, or **Sweet** (*Melilotus alba*). A most valuable sort for soiling. It grows 3 to 5 feet high, and if sown in rich soil may be cut three times; lasts two or more years if cut before flowering; good for ensilage and bees. 15 lbs. to the acre. Lb. 50 cts., 10 lbs. \$4.50, 100 lbs. \$40.

Crimson, or **Scarlet** (*Trifolium incarnatum*). Erect annual, 1 to 2 feet high, with bright scarlet flowers. A native of southern Europe, it is largely grown in our southern states for improving the soil by turning under. It will not stand severe frost, and cannot be depended upon to stand the winter north of New Jersey. It is a valuable crop for pasturage or green manure. For hay it should be cut when in full bloom. Sow 20 lbs. to the acre. Lb. 35 cts., 10 lbs. \$3.25, 100 lbs. \$30.

Red, Medium (*Trifolium pratense*). One of the most valuable farm-crops of the eastern states for pasture, hay, or for turning under for green manure. It requires a deep, rich soil, and yields two hay crops in the season. In this section, sow in the spring at the rate of 15 lbs. to the acre. Lb. 55 cts., 10 lbs. \$5, 100 lbs. \$45.

Mammoth Red, or **Pea Vine** (English Cow Grass). Grows larger and lasts longer than the common Red Clover; valuable for plowing under. 10 lbs. to the acre. Lb. 55 cts., 10 lbs. \$5, 100 lbs. \$45.

White (*Trifolium repens*). Some White Clover is usually included in lawn-grass mixtures. It is of dwarf habit, spreads rapidly and is very hardy. It is valuable in permanent pastures, being sweet and nutritious. Sow in spring. In mixtures, 1 to 2 lbs.; if alone, 8 to 10 lbs. to the acre. Lb. 85 cts., 10 lbs. \$8, 100 lbs. \$75.

The Clover and Grass seeds offered by us exceed in purity and germination all the stringent requirements of the law of the state of New York.

FLOWER SEEDS

The Best Novelties of Recent Introduction

(RAISERS' DESCRIPTIONS)

IN ORDERING FLOWER SEEDS, THE NUMBER FOLLOWING THE VARIETY WILL BE SUFFICIENT

Antirrhinum Majus, Feltham Beauty. 2210. We claim that this new variety produces larger flowers than any Antirrhinum so far introduced. The blooms are enormous. The color is a deep rose-pink, with white center. The spikes are very long, and the plant is strong-growing and very free-flowering. Pkt. 25 cts., 5 pkts. \$1.

Antirrhinum majus grandiflorum, Orange Beauty. 2211. A lovely orange-scarlet, with gold lip; very large flower. Pkt. 25 cts., 5 pkts. \$1.

Antirrhinum, Intermediate Flamingo. 2218. Flowers deep terra-cotta with orange-yellow center, white throat; very large-flowered; strong, sturdy habit of growth; sweet-scented. (See illustration.) Pkt. 35 cts., 3 pkts. \$1.

Antirrhinum, Intermediate Yellow Gem. 2219. Very fine, rich, deep golden yellow. The plant is dwarf and of a strong, sturdy habit. It has a long spike, with large, well-formed flowers. An excellent bedding variety. Pkt. 35 cts., 3 pkts. \$1.

Aquilegia, Silver Queen. 2294. Flowers large with long spurs, white faintly tinged rosy sapphire; very beautiful. Pkt. 50 cts., 3 pkts. \$1.25.

Aquilegia, White Lady. 2295. With beautiful long-spurred white flowers and graceful foliage. *Commended, R. H. S., 1914.* Pkt. 35 cts., 3 pkts. \$1.

Aubrietia, New Large-flowering Hybrids. 2640. This new strain of Aubrietia is exceptionally fine, containing as it does crimson, purple, pale blue, pink, and lilac shades. The blooms are of large size, and it will be found in every way a great acquisition. Pkt. 25 cts., 5 pkts. \$1.



Asters, Violet King and Rose King

ASTERS

Lavender King. 2457. This is a beautiful deep lavender; produces large and perfect flowers on long stems. Pkt. 15 cts., 2 pkts. 25 cts.

Pink King. 2458. One of the prettiest shades in the King class; habit upright and very productive. Pkt. 15 cts., 2 pkts. 25 cts.

Rose King. 2459. Brilliant rose and similar in shape and habit to the well-known Violet King. Pkt. 15 cts., 2 pkts. 25 cts.

Violet King. 2460. Vigorous in growth; long stiff stems; petals resemble the Quilled varieties but are much larger and broader. A very desirable shade. Pkt. 15 cts., 2 pkts. 25 cts.

White King. 2461. Pure white; splendid shape; collection not complete without this charming variety. Pkt. 15 cts., 2 pkts. 25 cts.

Collection 2462, 1 packet each 5 varieties, 50 cts.

Cineraria, Matchless, New Shades. 3038. An excellent new strain of Cineraria, containing many new colors not seen before in this class. The plants are very vigorous and compact, and grow to a height of from 15 to 18 inches. The flowers are very large with solid petals. Very effective for table and greenhouse decoration and sure to be in great demand. Pkt. \$1.



Antirrhinums, Flamingo



New Ruffled Cosmos, Pink and White Beauty

NEW RUFFLED COSMOS

CRIMSON KING. 3112. A handsome, dark crimson variety of this beautiful new type. Pkt. 25 cts., 5 pkts. \$1.

PINK BEAUTY. 3111. One of the best introductions of recent years. This new type of Cosmos is crowned and crested and bears handsome pink blooms abundantly from September until cut down by frost. Pkt. 25 cts., 5 pkts. \$1.

WHITE BEAUTY. 3113. Handsome white variety of above. Should be given a place in all gardens. Pkt. 25c., 5 pkts. \$1.

NEW DOUBLE COSMOS

An excellent new type of Cosmos, producing full, round, double flowers most desirable for cut-flower purposes.

SNOWBALL. Pure white. Pkt. 25 cts., 5 pkts. \$1.

EUREKA. Shell-pink. Pkt. 25 cts., 5 pkts. \$1.

Eschscholtzia, Chrome Queen. 3306. A new and absolutely distinct color in Eschscholtzias—a beautiful clear chrome-yellow. A great acquisition. Strong grower and very free flowering. Pkt. 30 cts., 4 pkts. \$1.

Geum coccineum fl.-pl., Mrs. J. Bradshaw. 3421. Hardy perennial; height 2 feet; flowers brightest scarlet. A splendid addition to the herbaceous border. The flowers are borne on strong stems, measure 2½ inches to 3 inches across; nearly double, with large waved petals of great substance. Pkt. 25 cts., 5 pkts. \$1.

Heuchera, Choice Hybrids. 3528. These hybrids are the results of originally crossing *H. sanguinea* with *H. macrantha*. The flowers are of every shade from white to deep glowing crimson, many of the bright clear pinks being of exceptional beauty. They are much freer flowering than *H. sanguinea*. Pkt. 20 cts., 6 pkts. \$1.

Lithospermum prostratum, Heavenly Blue. 3694. We now offer seed of this beautiful trailing turquoise-blue perennial. It is of easy cultivation and quite hardy. Pkt. 25 cts., 5 pkts. \$1.

Lychnis Arkwrightii. 3784. A new herbaceous border plant, eminently adapted for summer bedding. A cross between *L. chalcidonica* and *L. Haageana*. Given Awards of Merit by Royal Horticultural Society. Pkt. 35c., 3 pkts. \$1.

Poppy, New Double Queen. 4312. A lovely new strain of hardy annual Poppies of the Shirley type, but flowers double and semi-double, measuring 3 to 3½ inches across, of the most delicate and brilliant colors, all showing yellow anthers. They grow 2 feet high, are light and graceful, and of great decorative value for cutting. Pkt. 50 cts., 3 pkts. \$1.25.

Primula Japonica Hybrid, Mrs. Scott Elliot's Strain. 4413. The colors range from pure white through all shades of pink to deep crimson. The plants are extremely robust, having flower-stems carrying fine heads of bloom of various colors, and frequently attaining a height of 3 feet and over. The leaves are very large and handsome. Perfectly hardy. (Seed supplied from the introducer.) Pkt. 50 cts., 3 pkts. \$1.25.

Primula malacoides Kiluna. This is a reselection from *Primula malacoides superba* and has excited much favorable comment for the last three years at the New York International Flower Show held in the spring. The flowers vary in color from light rose to the brightest carmine-rose, and are superior in size of flower, habit of growth, and substance. Half-pkt. 60 cts., pkt. \$1.



Cineraria, Matchless—New Shades



Sweet Peas, John Porter
(See page 36)

Schizanthus grandiflora Hybrids. **Rose and Amber Shades.** 4564. Quite a new strain of pink and rose tints, most heavily blotched gold and bronze, but also contains some very delicate and pleasing self pinks. Pkt. 50 cts., 3 pkts. \$1.25.

Stock, Giant Mauve King. 4697. A remarkably effective free-flowering variety, forming large branching plants with heads of very large deep mauve double flowers, richly scented; produces a large proportion of doubles. Pkt. 35 cts., 3 pkts. \$1.

Sunflower, Dwarf Sunlight. 3500. A new and distinct variety, growing to a height of about two feet. The plants are of strong growth and larger flowered than the ordinary Miniature. Flowers golden yellow with dark center; single cactus-flowered; dwarf bushy habit; very free-flowering. Pkt. 25 cts., 5 pkts. \$1.

Thalictrum dipterocarpum. 5444. Tall-growing herbaceous plant, with loose sprays of clear mauve and primrose flowers. The buds are spherical and of the same pure mauve as the expanded flower. Invaluable for perennial borders owing to its light and graceful habit. Thrives best on poor soil in a sunny position. Height 4½ feet. Pkt. 50 cts., 3 pkts. \$1.25.

FOR SWEET PEA NOVELTIES,
see following page



Schizanthus, Hurst's Monarch Strain

Schizanthus Wisetonensis Hybrids, Hurst's

Monarch Strain. 4561. One of the finest strains of large-flowered hybrids in existence, embracing a wide range of colors from almost pure white through delicate shades of pink to bright rose and crimson, also exquisite mauve and lavender tints, many beautifully blotched and penciled various darker shades, including bronze and chocolate. Fine compact habit. Pkt. 50 cts., 3 pkts. \$1.25.

Schizanthus, Pink Beauty. 4562. Flowers are an exquisite shade of rose-pink, a pure self without any marking or shading whatever, and a distinct advance upon anything of this color amongst Schizanthus. As pot-plants most effective for grouping, and a really charming subject when cut for table decoration, the flowers being of good substance, lasting well and are equally effective either in natural or artificial light. Pkt. 75 cts., 3 pkts. \$2.

NOVELTY SPENCER SWEET PEAS

The Best Recent Introductions (RAISERS' DESCRIPTIONS)

Annie Bownass 5007

(DICKSON)

This beautiful variety has been described by that keen judge and expert grower, Mr. Tom Jones, of Ruabon, as an Audrey Crier on a white ground. The flowers are of large size, borne four to a stem, and beautifully placed. The color of both standard and wings is deep pure pink, flushed salmon, showing a large white zone at the base of the standard. Pkt. 25 cts., 5 pkts. \$1.

Beryl 5027

(DICKSON)

A very charming variety of a rich, soft salmon-pink color, shaded buff. The plant is of robust habit of growth, producing freely long, strong flower-sprays carrying four immense flowers. It is an exhibition variety of greatest merit, and is equally valuable for garden and room decoration. Pkt. 25 cts., 5 pkts. \$1.

Charity 5045

Brilliant crimson; giant flowers. A decided improvement on Maud Holmes. Awarded the National Sweet Pea Society's prize for the best seedling, 1916. Pkt. 30 cts. 4 pkts. \$1.

Faith 5112

Beautiful clear lavender; very vigorous, giving all fours; perfect form. Award of Merit, Royal Horticultural Society, 1916. Pkt. 30 cts., 4 pkts. \$1.

General Townshend 5141

(PIPER)

Deep rosy mauve; very large; grand for exhibition. Pkt. 25 cts., 5 pkts. \$1.

Hope 5156

Soft rose; very vigorous and free. Superior to Edith Taylor and Illuminator. The two varieties, Faith and Hope, were awarded the National Sweet Pea Society's prize for the best seedlings, 1916. Pkt. 30 cts., 4 pkts. \$1.

Ian Hamilton 5161

Brilliant scarlet-cerise; sun-proof; fine bold upright standard, nicely waved. Its color quite glows in the sun. Vigorous in growth and free flowering. Considered the best of its color. Pkt. 25 cts., 5 pkts. \$1.

John Porter 5173

(DICKSON)

This truly giant-flowered Novelty received from the Royal Horticultural Society an Award of Merit at the Holland House Show, July 6, 1916. The plant is of a vigorous and branching habit, very floriferous, every plant producing four-flowered, long-stemmed sprays in great profusion. The individual flowers are of the largest size and beautifully waved.

Sweet Pea
Ian Hamilton

The standard is of a very rich orange-salmon shade, and the wings salmon-rose. An improved Edrom Beauty. Pkt. 25 cts., 5 pkts. \$1.

J. B. Lowe 5195

(HINTON)

Awarded Silver-gilt Medal National Sweet Pea Society, 1915. A grand new bicolor; bold orange-crimson standard of the largest size, well frilled, wings white flushed with palest pink; one of the largest Peas extant; extremely vigorous grower and remarkably free flowering, rarely bearing less than four well-placed blooms on a stem. Pkt. 30 cts., 4 pkts. \$1.

Mina Burnaby 5225

(STARK)

A lovely Pea. The standard has a band of bright shrimp with a slight suffusion of salmon. The wings are cream suffused with pale pink. The whole flower has a satin sheen. Both for exhibition and garden work it is good, being a most profuse bloomer. Pkt. 30 cts., 4 pkts. \$1.

Mrs. C. Shaw 5233

Fine pure lavender, a color which comes very rich when cut and put in water; prolific bloomer, and throws nearly all four-flowered sprays. Quite distinct growth. Pkt. 30 cts., 4 pkts. \$1.

Mrs. E. S. McEuen 5241

Deep rose-pink on cream ground; very vigorous grower, and throws an abundance of fours without being at all coarse. Quite an exhibition variety. Was greatly admired at National Sweet Pea Society Show, 1916. Pkt. 25 cts., 5 pkts. \$1.

Red Isobel 5303

(MALCOLM)

This new red Sweet Pea is a seedling from Isobel Malcolm X Red Star. It has the vigor of the former and its characteristic four-stemmed sprays, while the color is strikingly brilliant and absolutely sunproof. When in the National Sweet Pea Society trials in 1915, the row attracted considerable attention, and was most favorably commented upon. Pkt. 30 cts., 4 pkts. \$1.

Surprise 5330

(BOLTON)

We have great pleasure in introducing this Novelty. The color is a rich pink, the nearest description being shrimp-pink. The flower is well frilled, and has a satiny appearance, which adds greatly to its charm; will make an effective bunch for exhibition, also a pretty table decoration. The plant is very vigorous, free flowering, and throws an abundance of four-bloom sprays. Pkt. 35 cts., 3 pkts. \$1.

Verdun 5348

(BOLTON)

Another delightful Sweet Pea. The standard is pure rich rose-crimson, while the wings are deep rose. The plant is extremely vigorous and four-bloom sprays are abundant; will make a telling bunch for exhibition. Pkt. 35 cts., 3 pkts. \$1.

Victory 5354

(BOLTON)

One of the largest Sweet Peas yet introduced, and a very vigorous grower. The standard is heliotrope flushed hydrangea-pink, wings lavender. Four and five-bloom sprays are invariably produced, and the flowers are artistically placed on long stout stems; a gem for exhibition. Pkt. 35 cts., 3 pkts. \$1.

Collection: One packet each of the above 16 varieties, \$4

BODDINGTON'S GENERAL LIST OF QUALITY FLOWER SEEDS

Flower Seed Novelties are listed on pages 33 to 36

The following Flower Seeds, given in alphabetical order, are a selection of the best varieties for United States and Canadian gardens. No expense has been spared to secure the best exhibition strains, and to those who are not already using our Flower Seeds, we have every confidence in recommending them. Our seeds have a world-wide reputation for Quality and Purity.

All Flower Seeds are prepaid by **parcel post** or **express** to any address in the **United States and Canada**, when cash accompanies order.

Annuals attain full growth from seed, flower, and die within one year.

Biennials sometimes bloom the same season, if sown early, but they generally bloom and die the following year.

Perennials last for several years, blooming annually after the first season, though some varieties bloom the first season if sown early in frames.

THE FOLLOWING ABBREVIATIONS ARE USED THROUGHOUT THE FLOWER SEED DEPARTMENT

HA., Hardy Annuals
 HHA., Half-hardy Annuals
 TA., Tender Annuals
 HP., Hardy Perennials

HHP., Half-hardy Perennials
 HB., Hardy Biennials
 HHB., Half-hardy Biennials
 HC., Hardy Climber

GS., Greenhouse Shrubs
 GB., Greenhouse Bulbs
 GC., Greenhouse Climbers
 GP., Greenhouse Plant

Cultural directions are printed on all packets

PLEASE ORDER FLOWER SEEDS BY NUMBER

- ABRONIA.** HHA. 6 inches. A beautiful trailer, with clusters of sweet-scented flowers Pkt.
- Fragrans.** 2001. Waxy yellow. \$0 25
- Umbellata.** 2002. Rosy lilac. 15
- ABUTILON HYBRIDS.** 2008. GS. Flowers large, in a great variety of colors, including White, Yellow, Pink, Crimson, Variegated and Mixed. 3 to 4 feet. Each. 25
- ACACIA, Mixed.** 2014. GS. 6 feet. 10
- ACANTHUS latifolius** (Bear's Breech). 2020. HP. 2 feet. Purple. August and September. 10
- Mollis.** 2021. HP. 1 foot. Rose. August and September. 10
- ACHILLEA Millefolium purpurea** (Rosy Milfoil). 2026. HP. 1½ feet. Rose. June. 10
- Ptarmica fl.-pl., "The Pearl."** 2027. HP. 2 feet. White. July. 15
- ACONITUM Napellus** (Monk's Hood, or Helmet Flower). 2033. HP. 3 feet. Dark blue. August and September. 10
- Pyrenaicum.** 2034. 3 feet. Yellow. August and September. 10
- Wilsoni.** 2035. 4 to 5 feet. Pale blue. October. 25
- ACROCLINIUM.** HHA. Beautiful everlasting.
- Album.** 2041. Single; pure white. 05
- Album flore-pleno.** 2042. Double; white. 10
- Roseum.** 2043. Single; bright rose. 05
- Roseum flore-pleno.** 2044. Double; rose. 10
- Finest Mixed.** 2045. 05
- ACTÆA spicata** (Baneberry). 2051. HP. 3 feet. White. June. 10
- ADENOPHORA Potaninii** (Bellflower). 2056. HP. 1½ feet. Light blue. July to September. 10
- ADONIS æstivalis.** 2061. HA. 1 foot. Green, feathery foliage with scarlet flowers. 10
- Autumnalis.** 2062. HA. Crimson, dark eye. 10
- Vernalis.** 2063. HP. Large, yellow blossoms. 10
- AGATHEA cœlestis** (Blue Marguerite). 2068. HHP. 10

- AGROSTEMMA** (Rose Campion). HP. Summer. Pkt.
- Coronaria** (Mullein Pink). 2089. 2½ feet. Pink. \$0 10
- Coronaria alba.** 2090. 3 feet. White. 10
- Coronaria atropurpurea.** 2091. 2½ feet. Purple. 10
- Coronaria bicolor.** 2092. 3 feet. Pink and white. 10
- Flos-Jovis** (Flower of Jove). 2093. 3 feet. Dark pink. 10
- Flos-Jovis alba.** 2094. 3 feet. White. 10
- Hybrida Walkeri.** 2095. 3 feet. Crimson. 10
- ALOYSIA citriodora** (Lemon-scented Verbena). 2106. GS. Greenhouse evergreen, with fragrant foliage. Excellent for outdoor planting. 10
- ALSTROEMERIA Chilensis** (Chilian Lily). 2111. HHB. 2 feet. Rose, white and orange. July. 10

AGERATUM MEXICANUM HA

- Album.** 2074. White. 2 feet. Pkt. 3 pkts. \$0 10 \$0 25
- Blue.** 2075. 2 feet. 10 25
- Blue Perfection.** 2076. Very fine dwarf. 10 25
- Dwarf Blue.** 2077. 10 25
- Dwarf White.** 2078. 10 25
- Little Blue Star.** 2079. The tiny bushy plants do not exceed 4 to 5 inches in height, with clusters of flowers of light blue, with dark red center, changing to pure light blue. 5 pkts. \$1. 25
- Little Dorrit.** 2080. 6 inches. Azure-blue. 10 25
- Mauve Beauty.** 2081. Large, mauve flowers; dwarf, compact, very free flowering. A unique variety. 10 25
- Swanley Blue.** 2082. 1 foot. 10 25
- Mixed.** 2083. 6 pkts. 25 cts. 05



Ageratum, Mauve Beauty



Alyssum, White Gem

ALYSSUM HA and HP

Useful hardy annuals and perennials; excellent plants for the rocky or front of borders. Seed may be sown out-of-doors, or in a frame in sandy soil. Suitable also for autumn sowing.

	Pkt.	Oz.
Argenteum. 2116. HP. 1 foot. Yellow. June.....	\$0 10	
Benthamii (Sweet Alyssum). 2117. HA. Fragrant white flowers.....	1/4 lb. \$1..	05 \$0 30
Benthamii compactum lilacinum. 2118. Dwarf variety, with pure lilac flowers.....	3 pkts. 50c...	20
Benthamii compactum lutescens. 2119. HA. This variety differs essentially from other Alyssums by the yellowish colored, large flowers of its strictly upright flower-spikes.....	6 pkts. \$1..	20
Carpet of Snow. 2120. HA.....	1/4 lb. \$2..	10 60
Little Gem. 2121. HA. Pretty trailer....	1/4 lb. \$2..	15 60
White Gem. 2122. HA. A great improvement on Little Gem, being much more compact; for carpet-bedding.....		15 1 00
Saxatile. 2123. HP. 1 foot. Bright yellow. June....		15
Saxatile compactum (Basket of Gold). 2124. 1 foot. Yellow. June.....		15
Saxatile compactum, Sutton's Silver Queen. 2125. 6 inches. Pale lemon.....		60
AMARANTUS. HA. Brilliant-foliaged annuals, growing from 3 to 5 feet high. They thrive best in a hot, sunny location, not too rich soil, and when given sufficient room to develop their full beauty.		
Caudatus (Love-Lies-Bleeding). 2130. 2 feet.....	05	25
Cruentus (Prince's Feather). 2131. 3 feet.....	05	25
Melancholicus ruber. 2132. 2 feet. Blood-red...	05	50
Salicifolius (Fountain Plant). 2133. 4 to 6 feet. Willow-shaped leaves, marked with orange-carmine and bronze.....	3 pkts. 25 cts...	10 50
Tricolor splendens (Joseph's Coat). 2134. 2 feet.	05	50
Mixed. 2135.	05	25

AMARYLLIS Hippeastrum Hybrids. 2141. GB. The largest and finest race of Amaryllis. The flower-spikes usually carry three or four splendid, trumpet-shaped blossoms varying in color from salmon to deep crimson, generally striped and feathered with white. 3 feet.....

AMPELOPSIS Veitchii (Boston Ivy). 2146. HP. The best hardy vine for covering brick or stone buildings, etc. oz. 50c...	10
AMSONIA salicifolia. 2149. HP. 2 feet. Pale blue. June...	10
ANAGALLIS grandiflora (Pimpernelle). 2150. HA. 6 inches. Beautiful for rockwork or edging. Finest mixed.....	10

ANCHUSA HP and HA

	Pkt.
Barrelieri (Alkanet). 2153. HP. 2 feet. Dark blue. July....	\$0 25
Capensis alba. 2154. HA. A pure white variety, with large forget-me-not-like flowers.....	10
Italica. 2155. HP. Pale blue. July.....	10
Italica, Dropmore Variety. 2156. The plant is of strong, vigorous and branching habit, producing very large, brilliant blue flowers in abundance in June and July. We consider this the finest blue herbaceous plant of recent introduction. 5 pkts. \$1..	25
ANEMONE Apennina. 2161. HP. 6 inches. Blue. Spring..	25
Honorine Joubert (Windflower). 2162. HP. 3 feet. Pure white. August.....	25
St. Brigid (Irish Anemone). 2163. HP. Boddington's choice strain; choice mixed varieties; enormous blooms, the size of tulips and very striking colors.....	15
ANTHEMIS Kelwayi (Marguerite). 2170. HP. 1 1/4 feet. Dark yellow. July.....	10
ANTHERICUM (Hedge Flower). HP.	
Liliago (St. Bernard's Lily). 2175. 2 feet. White. May and June.....	25
Liliastrum (St. Bruno's Lily). 2176. 2 feet. White. May and June.....	25

ANTIRRHINUM, or SNAPDRAGON HHP

Antirrhinums, or Snapdragons, are among the most showy of flowers for summer cutting, and for winter cutting, under glass, are becoming very popular. If sown under glass during February or March, they will commence to bloom in July, and will so continue till frost. The tall or giant varieties are extremely useful for cutting, while the dwarf kinds are exceptionally adapted for borders and edgings of beds of annuals or other plants. Also now grown extensively under glass for winter flowering.

Popular Recent Introductions

TALL VARIETIES

CERBERUS. 2180. The largest-flowered Snapdragon extant. Pkt. Color rich, deep carmine-rose with yellow lip and white throat, making a splendid combination.....	5 pkts. \$1..	\$0 25
NELROSE. 2181. Flowers silvery pink; recommended for culture under glass for winter-flowering; produces stems a yard long.....	4 pkts. \$1..	30
Purple King. 2183. With its immense, deep glowing purple flowers, this splendid Snapdragon will doubtless become the pioneer of a new giant class.....	3 pkts. 60c...	25
SILVER-PINK. 2184. This remarkable Snapdragon was the subject of much praise at the recent International Horticultural Exhibition held in New York City. Its name describes it. Sold only in originator's packets. 3 pkts. \$2.75..		1 00
Venus. 2185. A delicate pink tint that has hitherto been wanting among the tall, large-flowered Snapdragons.....	3 pkts. 60c...	25
White Double. 2186. A striking effect is produced by the long spikes covered with these beautiful, double, white flowers when used for bedding, and they are of great value as cut-flowers for vases.....	5 pkts. \$1..	25
Yellow Double. 2187. This variety bears flowers of a brilliant canary-yellow; mostly double, of large size, on long, strong stems.....	3 pkts. 60c...	25
Fairy Queen. 2188. Rich orange-salmon or terra-cotta, with white throat; very striking and beautiful.....	2 pkts. 25c...	15
Rose Dore. 2189. This variety is a lovely shade of salmon-shaded gold, a unique color, which lights up beautifully at night.....	2 pkts. 25c...	15
Salmon Queen. 2190. Very rich, golden rose with white throat; splendid variety..	2 pkts. 25c...	15
Collection. 2208. One pkt. each of above 10 varieties, \$2.50		

GIANT VARIETIES. 3 feet

	Pkt.	3'pkts.
Brilliant. 2191. Scarlet, golden yellow, and white....	\$0 10	\$0 25
Carmine. 2192. Splendid color.....	10	25
Coral-Red. 2193. Striking color.....	10	25
Crescia. 2194. Dark scarlet.....	10	25
Daybreak. 2195. Light pink, white throat.....	10	25
Firefly. 2196. Scarlet.....	10	25

GIANT ANTIRRHINUMS, continued

	Pkt.	3 pkts.
Fire King. 2197. Scarlet, with orange.....	\$0 10	\$0 25
Lilacinum. 2198. Beautiful lilac.....	10	25
Luteum. 2199. Yellow.....	10	25
Queen Victoria. 2200. Pure white.....	10	25
Romeo. 2201. Deep rose.....	10	25
Striatum. 2202. Finest striped varieties.....	10	25
Mixed. 2203.	10	25

Collection. 2204. One pkt. each of preceding 12 varieties, \$1

Collection. 2206. One pkt. each of any 6 varieties, 50 cts.

Antirrhinums, Intermediate

NEW VARIETIES. 1 to 2 feet

	Pkt.	3 pkts.
AMBER QUEEN. 2220. The ground-color of this variety is canary-yellow, overlaid with chamois-pink, golden lip.....	\$0 20	\$0 50
CARMINE QUEEN. 2221. A most striking and lovely variety; a rich rose-carmine, the most pleasing and effective color yet introduced. The flowers are large and fringed.....	20	50
GOLDEN MORN. 2222. This variety may best be described as a raspberry-red and old-gold with golden lip—a unique color; very showy, large flower.....	20	50
PINK BEAUTY. 2223. This is a fine deep old-rose, with a small yellow lip; large flower; the foliage, which is bright green, is a striking contrast to the rich colors of the flower.....	20	50
ROSY MORN. 2224. A lovely, pale rosy pink slightly paler lip, white throat.....	20	50
THE FAWN. 2225. New and beautiful shade, delightful blend of terra-cotta-pink and pale yellow. . .	20	50

Collection. 2226. One pkt. each of the above 6 varieties, \$1



Boddington's Giant Antirrhinums



Aquilegia, Rose Queen (see page 40)

Antirrhinums, Intermediate

STANDARD KINDS

	Pkt.	3 pkts.
Black Prince. 2228. Nearly black; unique; dark leaves.....	\$0 10	\$0 25
Defiance. 2229. Fiery scarlet.....	10	25
Empress. 2230. Dark rose; charming color.....	10	25
Golden Queen. 2231. The finest yellow.....	10	25
Orange King. 2232. The most vivid color yet achieved in Antirrhinums, being a glowing orange-self.....	10	25
Picturatum. 2233. Blotched varieties.....	10	25
Pink Queen. 2234. A lovely shade of creamy pink... ..	10	25
Queen of the North. 2235. White.....	10	25
Striatum. 2236. Finest striped varieties.....	10	25
Victoria. 2237. White and red; very fine.....	10	25
Mixed. 2238.	10	25

Collection. 2239. One pkt. each of the above 10 varieties, \$1

Antirrhinums, Tom Thumb. 12 inches

These are excellent for bedding, or as a border for the taller-growing varieties.

	Pkt.	Pkt.
Cinnabar-Red. 2245.	\$0 10	White. 2251. \$0 10
Crimson. 2246.	10	White, Red-striped. 2252. 10
Orange. 2247.	10	Yellow. 2253. 10
Rose. 2248.	10	Yellow, Red-striped. 2254. 10
Scarlet. 2249.	10	Mixed. 2255. 1/4oz. 50 cts. 10
Striped. 2250.	10	

Collection. 2256. One pkt. each of the above 10 varieties, 90 cts.

Collection. 2257. One pkt. each of any 6 varieties, 50 cts.



Aquilegia, Boddington's Long-spurred Hybrids

AQUILEGIA (Columbine) HP

- Boddington's Erskine Park Hybrids. 2271.** Specially saved for us by a Columbine enthusiast. This mixture comprises the best novelties of recent years, producing, as it does, long-spurred flowers of the choicest colors, and if sown early will bloom the first year. Perfectly hardy. . . 2 pkts. 25c. . . \$0 15 Pkt.
- Boddington's Long-spurred Hybrids. 2273.** An excellent mixture of the long-spurred varieties. Colors extremely varied. 5 pkts. \$1. . . 25
- California hybrida. 2274.** Yellow and orange. . . 3 pkts. 25c. . . 10
- Canadensis (Canada Columbine). 2275.** 2 feet. Yellow. Summer. 3 pkts. 25 c. . . 10
- Chrysantha. 2276.** 3 feet. Canary. Summer 3 pkts. 25c. . . 10

AQUILEGIA, continued

- Chrysantha grandiflora alba. 2277.** 3 feet. White. \$0 10 Pkt.
- Cærulea (Rocky Mountain Columbine). 2278.** 3 feet. Pale blue. Summer. 15
- Cærulea candidissima. 2279.** Pure white. 15
- Glandulosa. 2283.** 2 feet. Deep blue. Summer. 25
- Helena. 2285.** 2 feet. Blue and white. Summer. 25
- Mrs. Scott Elliott's Strain of Long-spurred Hybrids. 2286.** The seed is saved from selected plants only. Colors are distinct shades of white, lavender, salmon, mauve, pink, yellow, etc. 5 pkts. \$1. . . 25
- Nivea grandiflora. 2287.** 2 feet. Pure white. Summer. 15
- Rose Queen. 2288.** Graceful long-spurred flowers of light to dark rose, with white center and yellow anthers. . . 2 pkts. 50c. . . 30
- Rose Shades. 2289.** Long-spurred exhibition strain; very beautiful. 5 pkts. \$1. . . 25
- Skinneri hybrida fl.-pl. 2290.** 3 feet. Double; crimson. 25
- Stuartii. 2291.** Splendid, large flowers; handsome pale blue. 50
- Sutton's Pink. 2292.** The old-rose-pink flowers are produced in abundance; good habit. 3 pkts. \$1.50 . . 60
- Finest Double Mixed. 2293.** ¼oz. 30c. . . 10
- ARABIS alpina. 2300.** HP. 6 inches. Pure white. 10
- ARCTOTIS grandis. 2303.** HHA. 2 feet. Large, pearly white Marguerite-like flower, with delicate mauve center, surrounded by a narrow golden band. The plant is covered with white down, and produces a striking effect in the border. ¼oz. 30c. . . 10
- ARMERIA formosa (Thrift). 2310.** HP. 1 foot. Rosy pink. Spring to fall. 10
- Formosa alba. 2311.** White. 10
- Maritima. 2312.** Pink. 10
- Maritima alba. 2313.** White. 10
- ARTEMISIA argentea (Old Man). 2315.** HP. 1 foot. Silver foliage. 10
- Sacrorum viridis (Summer Fir). 2316.** Forms grand, pyramidal bushes, 3 to 5 feet high. Dark green foliage. . . 3 pkts. 50c. . . 20
- ASCLEPIAS Curassavica. 2327.** HHP. Bright orange; very pretty. 10
- Hallii (Butterfly Weed). 2328.** HP. 3 feet. Pink. August and September. 25
- Tuberosa. 2329.** 4 feet. Orange. 10
- ASPARAGUS decumbens. 2333.** GP. Long tremulous branches of dark green delicate foliage. The drooping habit is very attractive in hanging-baskets. 50
- Hatcheri. 2334.** Fronds more closely placed on the vine than on Plumosus nanus. 50
- Plumosus nanus. 2336.** Beautiful fern-like foliage, extensively used for cutting purposes. 100 seeds. \$1. . . 25
- Sprengeri. 2337.** Used for hanging-baskets, and also for cutting. 100 seeds, 50c. . . 10
- ASPERULA odorata (Woodruff). 2340.** HP. 1 foot. Sweet-scented white flowers. 3 pkts. 25c. . . 10
- ASPHODELUS (King's Spear). HP. Summer.**
- Albus. 2342.** White. 15
- Luteus. 2343.** Yellow. 15

A FEW POINTS ON THE GROWING OF ANNUAL ASTERS HA

Plants from seed sown in the open ground in May bloom finely in September and October. For July and August flowers sow in March or in April in coldframe, spent hotbeds, pots or boxes in the house. If a succession of Asters is desired, Early Wonder, Queen of the Market for early, Victoria, Comet and Giant Crego for intermediate, and the Branching for late, are recommended.

It is best not to plant in the same location the second season. Give plenty of room in rows 2½ or 3 feet apart, and from 12 to 15 inches apart in the rows; the distance to be regulated by the growth of the variety planted.

Pulverized sheep-manure, wood-ashes and bone-meal are the best fertilizers. If stable-manure is used, let it be well decomposed. Do not cover the seed too deep. Seed may be sown broadcast or in drills, and covered with a little less than ¼ inch of soil. Root lice or root aphid, cutworms, the Aster bug or fly and rust or yellows are the worst pests and disease that we have to contend with in growing Asters. For the root lice and cutworm, kerosene emulsion, tobacco water, wood-ashes mixed with water, are all good and effective if applied around the roots. For the Aster bug or fly, sprinkle the plants with Slug-Shot.

The yellows or rust is a fungus which appears on the under side of the leaf, and is one of the worst diseases that the grower of Asters has to contend with. But this fungus can easily be held in check by spraying the under side of the plants with a solution composed of carbonate of copper, ammonia and water in the proportion of one pound of carbonate of copper, one pint of ammonia and one barrel of water. Use this preparation at once, if the fungus appears, and use every alternate day until the plants have had several applications; this will kill the fungus. The Aster blight is generally caused by the work of some of the above insects, and if at any time the plants get too badly diseased, the best thing to do is to pull them up and burn them.

Astermum. The plants grow erect, with very strong, sturdy stems, starting near the base and reaching from 18 to 24 inches. The three colors are unsurpassed. Pkt. 3 pkts.

- Lavender. 2347.** \$0 20 \$0 50
- Pink. 2348.** 20 50
- White. 2349.** \$0 20 \$0 50
- Collection. 2350.** One pkt. of each color, 50 cts.
- Collection. 2351.** Three pkts. of each color, \$1.25

ASTERS, continued

Branching Asters

This vigorous type forms broad, handsome bushes, covered with large, long-stemmed and long-petaled flowers that are very graceful.

CARLSON'S BRANCHING

Pkt. 1/4oz.		Pkt. 1/4oz.	
Crimson. 2360..\$0 10	\$1 00	Purple. 2362.....\$0 10	\$1 00
Lavender. 2361.		Shell-Pink. 2363... 10	1 00
Best Branching		White. 2364..... 10	1 00
in this color..... 10	1 00	Mixed. 2365..... 10	1 00

Collection. 2366. One pkt. each of the above 5 varieties, 40 cts.

SEMPLER'S BRANCHING

Pkt. 1/4oz.		Pkt. 1/4oz.	
Crimson. 2371..\$0 10	\$1 00	Upright White.	
Lavender. 2372.. 10	1 00	2375.....\$0 10	\$1 50
Purple. 2373..... 10	1 00	White. 2376..... 10	1 00
Shell-Pink. 2374.		Mixed. 2377..... 10	1 00
Best Branching			
Pink..... 10	1 00		

Collection. 2378. One pkt. each of the above 6 varieties, 50 cts.

VICK'S BRANCHING

Pkt. 1/4oz.		Pkt. 1/4oz.	
Crimson. 2387..\$0 10	\$1 00	Rose. 2391.....\$0 10	\$1 00
Lavender. 2388.. 10	1 00	Violet. 2392..... 10	1 00
Pink. 2389..... 10	1 00	White. 2393. Best	
Purple. 2390..... 10	1 00	Branching White. 10	1 00
		Mixed. 2394..... 10	1 00

Collection. 2395. One pkt. each of the above 7 varieties, 60 cts.

While the above collections of Branching Asters are somewhat confusing, if the selection is left to us we will select the eight most distinct and most useful varieties from the above in the following:

Collection. 2397. One pkt. each of the best 8 Branching Asters, 75c.

Giant Comet Asters

One of the most artistic branches of the Aster family, resembling in form, size and beauty, the Japanese chrysanthemum. Every lover of Asters should have this variety in his collection.

Pkt. 1/4oz.		Pkt. 1/4oz.	
Crimson. 2412..\$0 10	\$1 00	Lilac. 2415.....\$0 10	\$1 00
Dark Blue. 2413.. 10	1 00	Peach Blossom. 2416 10	1 00
Light Blue. 2414... 10	1 00	Rose. 2417..... 10	1 00



Aster, Vick's Violet King (see page 44)



Aster, Ostrich-Plume (type)

GIANT COMET ASTERS; continued

Pkt. 1/4oz.		Pkt. 1/4oz.	
White, changing		Yellow. 2420....\$0 10	\$1 00
to Amethyst-		White Branching.	
Blue. 2418....\$0 10	\$1 00	2421..... 10	1 00
White. 2419..... 10	1 00	Mixed. 2422..... 10	75

Collection. 2423. One pkt. each of the above 10 varieties, 90 cts.

Hohenzollern Asters

As early as Queen of Market, but flowers are twice the size. Fine for cutting.

Pkt. 3 pkts.		Pkt. 3 pkts.	
Azure-Blue. 2428. \$0 10	\$0 25	Light Blue. 2434. \$0 10	\$0 25
Brilliant Carmine.		Rose. 2435..... 10	25
2429..... 10	25	Rosy Lilac. 2436... 10	25
Carmine-Rose. 2430 10	25	Syringa-Blue. 2437. 10	25
Crown Prince. 2432. 10	25	White. 2438..... 10	25
Dark Blue. 2433.... 10	25	Mixed. 2439..... 10	25

Collection. 2440. One pkt. each of the above 10 varieties, 90 cts.

Ostrich-Plume Asters

The flowers are of immense size, often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double half-globes, resembling some of the finer Japanese chrysanthemums. The plants are of luxuriant growth attaining a height of 15 inches, each plant bearing from twenty to thirty of these magnificent flowers on long stems, which gives them an added value for cutting for vases.

Pkt. 1/4oz.		Pkt. 1/4oz.	
Crimson. 2445..\$0 10	\$1 00	Light Blue. 2448.\$0 10	\$1 00
Deep Blue. 2446... 10	1 00	Salmon-Rose. 2449. 10	1 00
Lavender. 2447... 10	1 00	White. 2450..... 10	1 00
		Mixed. 2451..... 10	75

Collection. 2452. One pkt. each of the above 6 varieties, 50 cts.

Queen of the Market Asters

Large-flowered and very early.

Pkt. 3 pkts.		Pkt. 3 pkts.	
Crimson. 2470..\$0 10	\$0 25	Pink. 2477.....\$0 10	\$0 25
Dark Blue. 2471... 10	25	Red-Lilac. 2478.... 10	25
Flesh Color. 2472.. 10	25	Rose. 2479..... 10	25
Lavender. 2473..... 10	25	Scarlet. 2480..... 10	25
Light Blue. 2474... 10	25	White. 2481..... 10	25
Light Rose. 2475... 10	25	Mixed. 2482..... 10	25
Peach Blossom. 2476 10	25		

Collection. 2483. One pkt. each of the above 12 varieties, \$1



Victoria Asters

Victoria Asters

Plants of this magnificent race bear from ten to twenty fine, beautifully reflexed flowers in an elegant pyramid about 18 inches high. The best for pot culture.

Pkt.	¼oz.	Pkt.	¼oz.
Apple Blossom. 2500	\$0 10 \$1 00	Light Blue. 2506	\$0 10 \$1 00
Azure-Blue. 2501	10 1 00	Peach Blossom. 2508	10 1 00
Crimson. 2502	10 1 00	Rose. 2509	10 1 00
Dark Blue. 2503	10 1 00	Toison d'Or. 2510	
Dark Scarlet. 2504	10 1 00	The bright yellow...	20
Deep Violet. 2505	10 1 00	White. 2511	10 1 00
		Mixed. 2512	10 75

Collection. 2513. One pkt. each of the above 11 varieties, \$1

CHOICE ASTERS OF RECENT INTRODUCTION

Early Wonder

One of the earliest Asters in cultivation; produces large flowers of fine shape which stand well when cut.

	Pkt.	2 pkts.
Lavender. 2517	\$0 15	\$0 25
Pink. 2518	15	25
White. 2519	15	25

Early Branching (Vick's Royal)

Blooms two weeks earlier than the Late Branching, the habit and form being similar to those of the parent.

	Pkt.	2 pkts.
Simple's Early Shell-Pink. 2522	\$0 15	\$0 25
Vick's Early Rose. 2524	15	25
Vick's Early White. 2526	15	25

Daybreak Asters

This beautiful class originated seven years ago, and has become one of the most popular Asters extant. The flowers are of great substance and last well when cut; they are borne on strong stems. We offer the following lovely colors:

	Pkt	3 pkts.
Shell-Pink. (Original). 2531	\$0 15	\$0 40
Blue (Blue Bird). 2532	15	40
Lavender. 2533	15	40
Pink (America). 2534	15	40
Rose (Rosy Morn). 2535	15	40
Salmon (Salmon King). 2536	15	40
Yellow (Lemon Drop). 2537	15	40

Collection. 2538. One pkt. each of the above 7 varieties, 90 cts.

CARDINAL. 2562. The color is, as its name implies, a beautiful shade of cardinal-red. One of the very best varieties for cutting purposes. Begins to bloom about the middle of August and retains its brilliant coloring for many weeks. Pkt. 15 cts., 3 pkts. 40 cts.

CRIMSON KING. 2564. Produces extra-large, densely double flowers, few under 5 inches across, on stems 15 to 18 inches long, in color a very rich blood-crimson, full of fire, making a brilliant bed or border, and very desirable for cutting, the color showing up well under artificial light. Pkt. 15 cts., 2 pkts. 25 cts.

FAVORITE. 2566. Color beautiful blush, changing to rich, deep pink as the flower becomes older; the petals wavy reflexed. The plants grow 18 inches high, bearing large-sized blooms of beautiful form; invaluable for cutting. Pkt. 10 cts., 3 pkts. 25 cts.

HERCULES, WHITE. 2570. Immense flowers, borne on remarkably strong stalks, are all the purest white, of the genuine Hohenzollern form, with very long petals, and attain the enormous diameter of 7 inches. Pkt. 10 cts., 3 pkts. 25 cts.

LADY ROOSEVELT. 2572. The flower resembles the incurving chrysanthemums; the color is a gorgeous pink, of marvelous beauty. The mammoth growth of plant insures extra-long stems; 20 to 30 inches long is very ordinary, and the flowers are very large. Pkt. 15 cts., 2 pkts. 25 cts.

MIKADO PINK, or ROCHESTER. 2574. A Comet Aster of strong growth; flowers are exquisitely curled and produced in abundance upon long, strong stems; an admirable shade of lavender-pink. Pkt. 10 cts., 3 pkts. 25 cts.

MIKADO WHITE. 2576. Produces immense, curled and twisted flowers on long, stiff stems, resembling, at a distance, huge, ragged, Japanese chrysanthemums. Pkt. 10 cts., 3 pkts. 25 cts.



Aster, Daybreak Pink (America)



THE GIANT CREGO ASTERS

Lavender. 2550. A beautiful shade of blue; a splendid addition to this popular branch of Asters.	Pkt.	2 pkts.	¼ oz.
	\$0 15	\$0 25	\$1 00
Pink. 2551. Beautiful soft, shell-pink color, a shade that is always admired.....	15	25	1 00
Rose. 2552. This beautiful shade is now well fixed and does not sport. Flowers very large and of fine form.	15	25	1 00
White. 2553. By the most careful and painstaking selection, this beautiful Aster has been brought to a state of perfection hitherto unknown in this type. Of free, sturdy growth, attaining a height of over 2 feet, well branched, with long, strong stems and artistic, fluffy, graceful flowers, rarely less than 4 inches across and frequently over 5 inches, as fine as any chrysanthemum. When cut, keeps longer in good condition than any Aster of this type; in bloom from mid-August on through September; color pure, glistening white.....	15	25	1 00
Violet. 2554. The addition of this rich shade completes a beautiful collection.....	15	25	1 00
Collection. 2555. One pkt. each of the above 5 beautiful varieties.....			\$0 60
Collection. 2557. Three pkts. each of the above 5 varieties.....			\$1 50



Aster, Triumph Comet

ASTERS OF RECENT INTRODUCTION, continued

MISS ROOSEVELT (Victoria). 2507. The flowers of this Aster are of a clear primrose tint, which after some time changes to a delicate flesh color, like that of the popular Gloire de Dijon rose. A splendid cut-flower. Pkt. 10 cts., 3 pkts. 25 cts.

PINK BEAUTY. 2578. A magnificent variety of strong, free, upright growth, 24 to 30 inches high, with frequently as many as fifty flowers open at one time on long, strong stems; soft, delicate blush-pink. Pkt. 15 cts., 2 pkts. 25 cts.

PURITY. 2580. One of the most beautiful of the Branching Asters. Double flowers of glistening pure white; similar to Daybreak in form and habit of growth. Splendid for table decoration; lasts well when cut. Pkt. 10 cts., 3 pkts. 25 cts.

ROYAL PURPLE. 2582. The flowers are large, with full center well covered, petals flat and incurved. Color a rich shade of royal purple. Pkt. 15 cts., 2 pkts. 25 cts.

SNOWDRIFT. 2584. Earliest white Aster grown. The long, recurved petals give the flowers an exceedingly graceful effect, heightened in many cases by the ragged, irregular character of the petals in the center of the flower. Pkt. 15 cts., 2 pkts. 25 cts.

SUNSET. 2586. The color of the flowers is a delicate shade of light pink, shading to a deep, rich pink in the center, making a beautiful combination of colors in one flower. Pkt. 15 cts., 3 pkts. 40 cts.

SOUTHCOTE BEAUTY, SINGLE. 2588. The flowers have long, perfectly formed petals, with very small golden yellow centers, and are carried on stiff stems 12 to 20 inches in length. Mixed colors. Pkt. 15 cts.

VICK'S AUTUMN GLORY. 2590. Pure seashell-pink; the flowers are very double and are borne on long stems. Pkt. 20 cts., 6 pkts. \$1.
VICK'S VIOLET KING. 2592. In shape and size the bloom is round, full and large, many of the flowers 4 to 5 inches. Its color is a soft violet-lilac. Pkt. 15c., 2 pkts. 25c. (See illustration on page 41.)

Single Comet

These are becoming very popular with those of esthetic tastes, and where pretty decorative effects are desired. Flowers measure 4 to 6 inches across.

	Pkt.	3 pkts		Pkt.	3 pkts.
Brilliant Rose. 2596	\$0 10	\$0 25	Violet. 2599	.....\$0 10	\$0 25
Light Blue. 2597	.... 10	25	White. 2600	..... 10	25
Light Rose. 2598	.... 10	25	Mixed. 2601	..... 10	25

Collection 2602. One pkt. each of the above 5 varieties, 40 cts.

Triumph Comet

A magnificent new class of midseason Asters with extra-long stems and large fluffy double flowers of the finest type. We offer them in the following attractive colors, all very desirable and well recommended. (See illustration.)

	Pkt.		Pkt.
Lavender. 2606	.....\$0 20	Shell-Pink. 2609	.....\$0 20
Purple. 2607	..... 20	White. 2610	..... 20
Rose. 2608	..... 20		

Collection 2611. One pkt. each of the above 5 varieties, 75 cts.

ASTERS, HARDY or PERENNIAL

Michælmās Daisies

Very beautiful, autumn-flowering perennials, highly prized for their beautiful colors and lateness of flowering, when the Indian Summer is at its height. Seed of Michælmās Daisy sown under glass in February produces strong plants which flower in the autumn of the same year.

	Pkt.	3 pkts.
Alpinus speciosus. 2614. 1 foot. Dark blue.....	\$0 10	\$0 25
Alpinus superbus. 2615. 1 foot. Blue.....	10	25
Bessarabicus. 2516. 3 feet. Pink..... 2 pkts. 25c..	15	
Niveus. 2617. 3 feet. White..... 2 pkts. 25c..	15	
Novæ-Angliæ. 2618. 4 feet. Violet-purple	10	25
Novi-Belgii. 2619. 4 feet. Blue	10	25
Novi-Belgii, J. Wood. 2620. 4 feet. Dark blue	10	25
Novi-Belgii, Purity. 2621. 4 feet. White.....	10	25
Pyramidalis hybridus. 2622. 4 feet. Blue.....	10	25
Shortii. 2623. 3 feet. Lavender-blue.. 2 pkts. 25c..	15	

Sub-caeruleus. 2624. Handsome, bright mauve, Marguerite flowers, 3 inches across, each one having the contrast of a bold orange-yellow center; borne on long, straight stems, and invaluable for cutting. 2 feet....\$0 15

Townshendi. 2626. A magnificent hardy perennial, growing about 2 feet in height, and bearing from July to October a profusion of pinkish lilac flowers from about 2½ inches in diameter..... 15

ASTILBE Davidii. 2630. HP. This is a strong-growing perennial, with elegant, tufted leafage and graceful spikes of deep rose-violet or mauve-colored flowers, borne on stems 6 or more feet high..... 15

AUBRIETIA (False Wall Cress). HP. 6 inches. Early summer.

Deltoidea grandiflora. (Trailing.) 2634. Purple.....	10
Græca (Trailing). 2635. Purple.....	10
Leichtlinii. 2636. Rosy carmine.....	10
Moerheimi. 2638. Rose.....	10

AURICULA. See *Primula*.

BALLOON VINE (*Cardiospermum*) 2700. HA. A rapid-growing climber with small white flowers.....oz. 25c.. 05

BALSAM (Lady's Slipper) HHP

An old favorite for conservatory or for outdoor decoration. Very suitable for border or bedding plants; endures the dry summer wonderfully. Flowers of the most beautiful and varied colors. Height 2 feet.

	Pkt.	3 pkts.
Bright Scarlet. 2705.....	\$0 10	\$0 25
Carmine. 2706.....	10	25
Lavender. 2707.....	10	25
Pale Yellow. 2708.....	10	25
Peach Blossom. 2709.....	10	25
Red-spotted White. 2710.....	10	25
Rose. 2711.....	10	25
Solferino. 2712.....	10	25
Violet Spotted. 2713.....	10	25
White. 2714.....	10	25
Mixed. 2715.....	10	25

Collection. 2716. One pkt. each of the above 10 varieties, 90 cts.

Collection. 2717. One pkt. each of any 6 varieties, 50 cts.

CAMELLIA-FLOWERED BALSAM

	Pkt.
Primrose. 2718.....	\$0 15
White. 2719.....	10
Mixed. 2720.....	10
Rose-flowered. 2721. Choicest mixture.....	10
Dwarf Spotted. 2722. Fine mixture.....	10

BAPTISIA australis. 2726. HP. 2½ feet. A fine, hardy perennial, producing spikes of pea-shaped blue flowers 6 inches long..... 3 pkts. 25c.. 10

BARTONIA aurea. 2728. HA. 1 foot. Free-blooming and showy annual; large; golden yellow.....oz. 75c.. 05

Beet, Ornamental HA

CHILIAN, or BRAZILIAN. 2732. Color variable, bronzy red with broad scarlet midribs. Height 2 feet.....oz. 50c..\$0 10

DELL'S CRIMSON. 2733. A small, compact-growing variety, with deep bronze-purple foliage. Excellent for ribbon borders.....oz. 75c.. 10

WILLOW-LEAVED. 2734. Distinct, with dark narrow leaves.....¼oz. 50c.. 25

BEGONIA HHP

Boddington's Crimson Bedder. 2738. A favorite strain, with small foliage and glowing scarlet-crimson flowers; as a bedding plant this variety is worth growing for its rich russet-crimson foliage alone..... 5 pkts. \$2..\$0 50

Erfordi. 2739. Carmine..... 25

Fairy Queen. 2740. An exquisite Begonia, which comes absolutely true from seed, and produces charming pink flowers in the open with the greatest freedom throughout the summer and autumn months. Can be used with telling effect in beds and as an edging to long borders. Neither heat nor moisture appears to affect its beauty. Height, 10 inches. 5 pkts. \$1.. 25

Gracilis luminosa. 2741. Fiery dark scarlet flowers; reddish brown foliage..... 50

Gracilis, Mignon. 2742. Profusely covered with brilliant blooms of fiery scarlet, the effect of which is greatly improved by the prominent yellow anthers. Foliage is spotted and bordered with bronzy red..... 25

Lloydi. 2743. Beautiful for pots and hanging-baskets..... I 50

Prima Donna. 2744. Rose and carmine. The plants grow about 10 inches high and form a freely branching bush 10 to 12 inches across, and make a free and continuous display above the fresh green, slightly brown-tinted foliage..... 25

Semperflorens. 2745. Seeds sown in February and March give fine plants for bedding out in June..... 25

Semperflorens gracilis rosea. 2746. Graceful pink variety.. 25

Snow Queen. 2747. A grand companion for the Fairy Queen. Color white. Height 10 inches..... 5 pkts. \$1.. 25

Vernon. 2748. A fine bedding sort, with rich red flowers and glossy, bronze-red foliage..... 25

Vernon grandiflora atropurpurea. 2749. Deep red..... 25

Vernon grandiflora rosea. 2750. Splendid pink..... 25

Rex. 2751. Ornamental-leaved varieties. Saved from splendid types. Choicest mixed..... 50

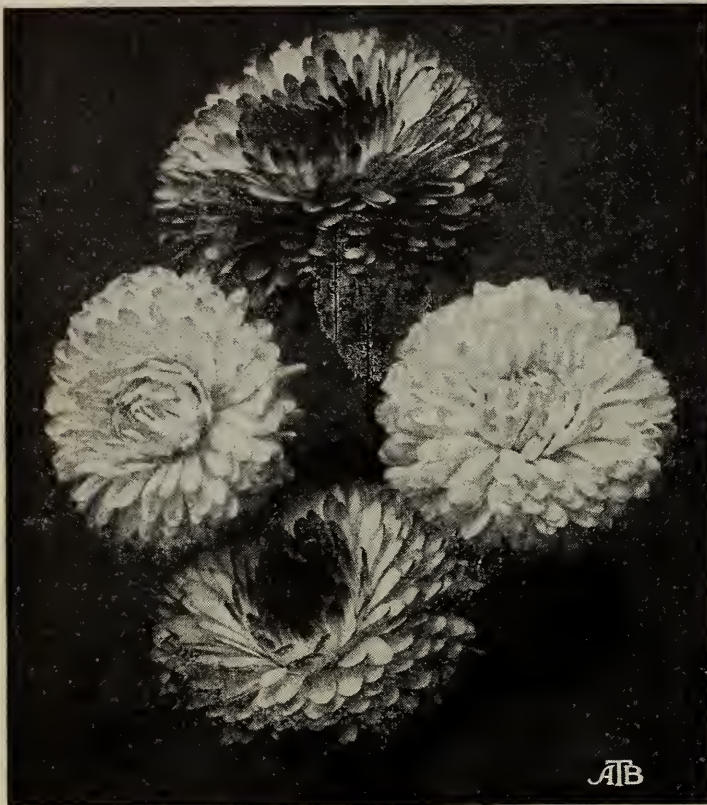
BODDINGTON'S PRIZE TUBEROUS-ROOTED

Single Mixed. 2752. All shades from deepest crimson to lightest pink, as well as orange, yellow and white.....½pkt. 60c. I 00

Double Mixed. 2753. Our seed has been saved from remarkably fine flowering plants, including all the most beautiful colors.....½pkt. 60 cts.. I 00



Boddington's Quality Balsams



Monstrosus White and Rose Double Daisies (Bellis Perennis)

Bellis perennis (English Daisy) HP

Sown in January or February, will produce plants for bedding in May that will flower in July and August.

- | | | |
|---|--------|---------|
| | Pkt. | 5 pkts. |
| Crimson King. 2760. Extra-large crimson variety... | \$0 25 | \$1 00 |
| Delicata. 2761. White, with red center..... | 25 | 1 00 |
| Longfellow. 2762. Double rose..... | 25 | 1 00 |
| Snowball. 2763. Double white..... | 25 | 1 00 |
| The Bride. 2764. Pure white..... | 25 | 1 00 |
| Mixed. 2765. | 15 | 60 |
| Monstrosus albus. 2766. (See illustration above). | | |
| Giant, double, white Daisy..... | 25 | 1 00 |
| Monstrosus roseus. 2767. Giant, double, rose Daisy... | 25 | 1 00 |
| BOCCONIA Japonica (Plume Poppy). 2770. HP. Fine foliage; spikes of creamy white flowers..... | | 10 |
| BOLTONIA asteroides (False Chamomile). Pkt. 2775. HP. Pure white..... | \$0 10 | |
| Latisquama. 2777. HP. Pink, slightly tinged with lavender..... | | 10 |
| BRACHYCOME (Swan River Daisy). 2780. HHA. Fine for baskets and edging..oz.\$1.50.. | | 10 |
| BROWALLIA. HHA. 1½ feet. Very handsome, profuse-blooming plants. | | |
| Elata grandiflora. 2782. Sky-blue..... | 10 | |
| Speciosa major. 2783. Clear blue flowers.... | 25 | |
| Finest Mixed 2784. 3 pkts. 25c... | | 10 |
| CACALIA coccinea (Tassel Flower). 2802. HA. Orange-scarlet flowers on long stems; height 18 inches; beautiful for bouquets and table decoration..... | | 10 |

Calceolaria HHP

Boddington's Perfection. 2804. The herbaceous Calceolaria is an easily cultivated plant. So long as frost is excluded from the plants in winter they are perfectly safe, and to attempt to hasten growth at any time is a failure. July is the best month for sowing the seed. The great advance made in the habit of the strains offered is remarkable, whilst in the colors there is a marked improvement. Saved by England's most famous specialist. Monster flowers of rich and varied colors, including spotted, laced, blotched and self-colored varieties..... ½pkt. 60c.. 1 00

CALCEOLARIA, continued

Boddington's International Exhibition Strain.

- 2805.** From the finest collection of plants and varieties ever staged. We offer a limited quantity of this seed. . . . 3 pkts. \$5.. \$2 00
- Bronze Age. 2808.** This variety comprises deep red-mahogany-bronze, some light, others dark, ranging between crimson and bronze, softened to a warm murillo tint. 1 00
- Profusa Cibrani. 2809.** Of an extremely light and graceful habit, bearing its splendid, large flowers in sprays of rich golden yellow most profusely and abundantly. 50
- Rugosa, Yellow. 2810.** The well-known golden yellow bedding variety; comes quite true from seed. Height 12 inches. 50
- Rugosa, Mixed. 2811.** Plants can be raised from seed under ordinary frame or greenhouse treatment. 50

Veitch's Hardy Hybrid Golden Glory. 2812. As beautiful for greenhouse decoration as for the herbaceous border, or bedding; golden yellow. 3 pkts. \$1.25.. 50

Veitchi, White. 2813. Milk-white. Plants bear an abundance of bloom the first season, grow to a height of 3 feet and are very bushy. 3 pkts. \$2.. 75

CALENDULA (Pot or English Marigold). HA. Extensively grown in- and outdoors; easy of culture.

- | | | |
|---|--------|--------|
| | Pkt. | Oz. |
| Lemon Queen. 2824. Large-flowered; deep sulphur. | \$0 05 | \$0 30 |
| Meteor. 2825. Double; yellow-and-orange striped.. | 05 | 30 |
| Pluvialis (White Cape Marigold). 2826..... | 05 | 30 |
| Pongel. 2827. Double, white flowers..... | 05 | 50 |
| Prince of Orange. 2828. Dark orange..... | 05 | 30 |
| Pure Gold. 2829. Double, extra large, golden yellow | 05 | 40 |
| Sulphurea fl.-pl. 2830. Beautiful sulphur-yellow.. | 05 | 50 |
| Trianon (The Royal Marigold). 2831. Bright sulphur-yellow, with dark brown center. | 05 | 40 |

Calliopsis (Coreopsis)

Easily raised and furnishes a constant supply of blooms throughout the summer.

ANNUAL VARIETIES

- | | |
|--|--------|
| | Pkt. |
| Atrosanguinea. 2835. Velvety crimson.oz. 50c... | \$0 05 |
| Drummondii (Golden Wave). 2836. Yellow and maroon.oz. 50c... | 05 |
| Dwarf Varieties. 2837. Fine mixedoz. 50c... | 05 |
| Tom Thumb Beauty. 2838. Golden yellow and crimson.oz. 50c... | 10 |
| Tom Thumb Crimson King. 2839. Height 6 to 7 inches. Rich, dark crimson flowers..... | 10 |
| Tall Mixed. 2840oz. 50c... | 05 |

PERENNIAL VARIETIES

- | | |
|--|----|
| Grandiflora. 2841. Bright golden yellow.oz. \$1.50.. | 10 |
| Lanceolata. 2842. Golden yellow.oz. \$2.. | 10 |
| CALLIRHOË involucrata (Poppy Mallow). 2846. HP. A showy trailing perennial, with bright crimson, saucer-shaped flowers. | 10 |



Calceolaria, Boddington's Perfection

Campanula (Bellflower) HP and HB

All varieties of Campanula can be raised in any ordinary garden. They provide most interesting subjects for conservatory or garden. The blooms of all types are exceedingly beautiful.

Attica. 2850. HA. Remains in bloom for a considerable Pkt. period. Flowers violet; height 6 inches.....	5 pkts. \$1..	\$0 25
Carpatica cœlestina. 2851. HP. ½ foot. Blue. Summer.....		15
Carpatica alba. 2852. ½ foot. White. Summer.....		15
Carpatica compacta. 2853. ½ foot. Blue. Summer.....		15
Carpatica compacta alba. 2854. ½ foot. White. Summer.....		15
Fragilis. 2856. HP. Of trailing habit and makes very useful plants for hanging-baskets. Flowers light blue..	3 pkts. \$1..	35
Glomerata (Clustered Bellflower). 2857. HP. 1½ feet. Deep blue. June to August.....		25
Glomerata alba. 2858. HP. 1½ feet. White. Summer.....		25
Lactiflora cœrulea. 2859. HP. 3 feet. Lavender and blue. Useful for cutting.....	5 pkts. \$1..	25
Grandis (Dwarf Chimney Bellflower). 2860. HP. 2 feet. Plants freely branched and covered with pale blue flowers.	5 pkts. \$1..	25
Medium (Canterbury Bells). HB.		
Double Blue. 2861.....		10
" Lavender. 2863.....		10
" Lilac. 2864.....		20
" Rose. 2865.....		10
" White. 2866.....		10
" Mixed. 2867.....		10
Single Blue. 2870.....		10
" Cæsia. 2871. Light blue. 1½ feet.....		10
" Rose. 2872.....		10
" Rosy Carmine. 2873.....		20
" Striped. 2874.....		10
" White. 2875.....		10
" Mixed. 2876.....		10
Medium Imperialis. 2877. HB. Regular pyramidal growth, with upright flowers. Very suitable for pot culture. Choicest mixture.....	5 pkts. \$1..	25
Medium calycanthema (Cup and Saucer). 2 feet. Summer. Blue. 2880.....		15
Bright Rose. 2881.....		15
White. 2884.....		15



Campanula Medium (Canterbury Bells)



Boddington's Giant Hyacinth-flowered White Candytuft

CAMPANULA, continued

Persicifolia grandiflora. 2889. HP. 3 feet. Blue. June and July.....	Pkt. \$0	Pkt. 25
Persicifolia grandiflora alba. 2890. HP. 4 feet. White. June and July.....		25
Persicifolia grandiflora Moerheimii. 2891. HP. 3 feet. Double white. June and July.....		50
Pyramidalis (Chimney Bellflower). 2895. HP. 3½ feet. Blue. Late summer.....		10
Pyramidalis alba. 2896. HP. 3½ feet. White. Late summer.....		10
Pyramidalis compacta, Blue. 2897. HP. Deep blue flowers of great substance.....		25
Pyramidalis compacta, White. 2898. HP. Compact habit, with pure white flowers.....		25

Candytuft (Iberis) HA and HP

ANNUAL VARIETIES

Splendid, free-flowering, summer annuals. For color effects and for massing they are very useful; also grown extensively under glass, especially the white sorts.

Boddington's Giant Hyacinth-flowered. 2901. Large, pure white, spiral spikes.....	Pkt. 5 pkts. \$1..	Pkt. \$0 25	Oz.
Empress. 2902. 1 foot. Pure white pyramidal.....		10	\$0 75
The Pearl. 2903. Pure white. Of recent introduction. The plants should be allowed plenty of room to show the full beauty of this strain.....		25	
White Rocket. 2904. Large trusses.....		10	40
Umbellata albida. 2905. Creamy white.....		10	60
Umbellata carminea. 2906. 1 foot. Bright carmine.....		10	50
Umbellata carnea. 2907. 1 foot. Flesh-colored.....		10	60
Umbellata lilacina. 2908. 1 foot. Lilac.....		10	50
Umbellata, Queen of Italy. 2909. Light lilac; very free-flowering.....		10	60
Umbellata, Rose Cardinal. 2910. Very rich, striking color; quite distinct; deep rosy cardinal.....		15	2 00
Umbellata, Boddington's Large-flowered Hybrids. 2911. Dwarf. An excellent strain for all purposes. Plant forms a bush, dwarf and very compact, bearing four to five times as many flowers as the type, and much larger.....		10	2 50

PERENNIAL VARIETIES

Gibraltarica. 2912. HP. White and purple.....	15
Sempervirens. 2914. 1 foot. White.....	15



Boddington's Marguerite Carnations

Carnation HHP and HA

Sown in January or February, these Carnations will bloom in August and September, or if sown in July, and protected by straw or decayed leaves through the winter, they will flower profusely the following June.

- BODDINGTON'S MARGUERITE MIXTURE. 2918. HHP. Pkt.**
From the ease with which this fine Carnation can be flowered as an annual it has attained a popular position, and will continue to hold a foremost place in the garden. The beautiful double-fringed flowers make a brilliant display of attractive coloring in the open, and they are greatly prized for border or table decoration. Our strain produces an unusually high percentage of doubles. Height 18 inches. Mixed colors.....\$0 25
- Marguerite, White. 2920. HHP.** The only pure white Carnation coming true from seed. It is an exquisite sweet-scented double-fringed flower, invaluable for bedding or indoor decoration. Over 90 per cent of the plants produce double flowers..... 50
- Marguerite, Yellow and Yellow Ground. 2921. HHP.** A superb strain producing large blooms, which are almost as large as a Malmaison Carnation. Can be relied upon to give a large percentage of doubles..... 50
- Chabaud Perpetual, Double. 2922. HA.** Blooms in seven months. Mixed red, white and yellow..... 25
- Riviera Market. HP. 2923.** A very fine perpetual strain. Early; fine large double flowers 50
- Vanguard. 2924. HA.** This race of Carnations has universally pleased our customers. The great merit of this strain is that it produces an admirable form of exquisitely scented flowers within six months from the date of sowing; hence it is easy to grow the best Carnations as annuals, saving all the trouble of wintering the plants. A succession of these popular flowers can be maintained after the perennial varieties have gone out of bloom. The colors include fancy, self, bizarre and yellow grounds. Mixed colors..... ½pkt. 90c... I 50
- Choice Mixed. 2925. HP.** Saved from one of the finest collections..... 50
- Hardy Carnations. See Dianthus and Hardy Pinks.**
- CASSIA lævigata (Wild Senna). 2930. HP.** Height 3½ feet. Yellow..... 10
- Marylandica (American Senna). 2931. HP.** 3 to 4 feet. Large panicles of yellow, pea-shaped blossoms..... 10
- CATANANCHE cærulea (Cupid's Dart). 2935. HP.** 2 feet. Blue. July and August..... 25

Celosia cristata (Cockscomb) HHA

- Crimson Exhibition. 2940.** Seed selected from prize flowers Pkt. and enormous combs\$0 50
- Empress. 2941.** Monstrous combs of a rich, velvety crimson.. 25
- Glasgow Prize. 2942.** Dark leaves; crimson comb..... 25
- Vesuvius. 2943.** Fiery scarlet..... 25
- Amaranth. 2946**..... 50
- Orange. 2947**..... } Specially selected from exhibition flowers... } 50
- Rose. 2948**..... } 50
- Scarlet. 2949**..... } 50
- Finest Dwarf Mixed. 2950**..... 25

Celosia plumosa (Ostrich Plume) HHA

- Thompsonii magnifica** Pkt. 2 pkts.
- Crimson. 2952**.....\$0 15 \$0 25
- Golden Yellow. 2953**..... 15 25
- Pink. 2954**..... 15 25
- Purple. 2955**..... 15 25
- Superb Mixture. 2956**..... 3 pkts. 25c... 10

Pride of Castle Gould. 2957. This grand mixture is a great improvement on Thompsonii, and is now very popular with professional and amateur gardeners alike. Contains only the most desirable shades and is, without doubt, the most beautiful Celosia extant..5 pkts. \$1.. 25



Celosia plumosa Thompsonii magnifica

CHINESE WOOLFLOWER

(Celosia Childsii) 2958

This is a unique form of the feathered Cockscomb, growing 2 to 3 feet high, by as much through, each branch terminated with a large head of rich crimson flowers that look as if made out of some silky wool material. Not only effective in beds or borders but highly interesting and valuable for cutting, as they can be dried, and retain their bright color for weeks. Pkt. 25c., 5 pkts. \$1.

- CELSIA arcturus. 2959. HHP.** 18 inches. Clear yellow Pkt. flowers with purple anthers. Very effective as a conservatory pot plant. Remains in flower the whole season..\$0 75

Centaurea HA and HHP

The flowering varieties of *Centaurea* are the hardiest of annuals. They will bloom anywhere if planted in a sunny position. Some attractive and charming colors are offered below.

FOLIAGE VARIETIES FOR BEDDING HA

Candidissima (Dusty Miller). 2963. 1 foot. For borders or edgings.....	Pkt. \$0 25	1/4oz. \$2 00
Gymnocarpa . 2965. Taller than the above.....	10	50

FLOWERING VARIETIES HA

Americana . 2967. A most showy hardy annual. Rosy lilac. 2 1/2 feet. June to September.....	10	50
Americana alba . 2968. White. 2 feet.....	25	
Margaritæ . 2969. 1 1/2 feet. Flowers 2 1/2 inches across, of the purest white and delightfully scented. A garden treasure.....	15	30
Odorata, Chameleon . 2970. Yellow and rose; very fragrant.....	15	60
Suaveolens (Yellow Sweet Sultan). 2971.....	10	25

CYANUS (Cornflower, or Bachelor's Button)

	Pkt.	Oz.
Double, Blue . 2972.....	\$0 10	\$0 75
Double, White . 2973.....	10	75
Double, Mixed . 2974.....	10	60
Single, Emperor William . 2975. Blue.....	05	60
Single, Victoria . 2976. Blue.....	05	60
Single, Alba (White Cornflower). 2977.....	05	40
Single, Rosea (Pink Cornflower). 2978.....	05	40
Single, Finest Mixture . 2979.....	05	40

Centaurea Imperialis (Giant Sweet Sultan) HA

This *Centaurea* represents the best that has been produced in these beautiful summer-blooming plants. The bushes are about 4 feet high, and are covered with large, beautiful flowers. It is of the easiest culture. If a packet is sown every two or three weeks until July, a constant succession of bloom can be had throughout the summer and fall.

	Pkt.	1/4oz.
Armida . 2981. Pink with white tinge.....	\$0 10	\$0 50
Favorita . 2982. Brilliant rose.....	10	50
Graziosa . 2983. Intense lilac.....	10	50
Iphigenia . 2984. Delicate rose-lilac, white center.....	10	50
Lilacina . 2985. Lilac; very distinct.....	10	50
Purpurea . 2986. Purple-rose.....	10	50
Rosea . 2987. Deep rose.....	10	50
Splendens . 2988. Dark purple.....	10	50
Variabilis . 2989. White and purple, fading to rose.....	10	50
White . 2990. Extremely large and fragrant.....	10	50
Mixed Hybrids . 2991. Includes all above varieties.....	10	50
Collection . 2992. One pkt. each of the above 10 varieties, 90 cts.		

NEW SWEET SULTANS HA

Magnificent flowers of brilliant color; for table decoration.		
The Bride . 2993. Pure white.....	Pkt. \$0 25	
The Bridegroom . 2994. Heliotrope.....	25	
The Bridesmaid . 2995. Lemon-yellow.....	25	
Honeymoon . 2996. Golden yellow.....	25	
Collection . 2997. One pkt. each of the above 4 varieties, 75 cts.		

PERENNIAL VARIETIES

Montana, Blue . 2998. 2 feet. Summer.....	15	
Montana alba . 2999. 2 feet. White.....	15	
Montana carnea . 3000. 2 feet. Flesh-color.....	25	
Orientalis . 3001. 2 1/2 feet. Pale yellow.....	15	
Ruthenica . 3002. 2 1/2 feet. Straw-color.....	15	
CEPHALARIA alpina (Round Head). 3006. HP. 6 feet. Sulphur-yellow. July and August.....	10	
CERASTIUM tomentosum (Snow-in-Summer). 3007. HP..	25	
CHELONE (Turtle-head). HP.		
Barbata coccinea . 3008. 3 feet. Red. Summer.....	10	
Barbata Lyonii . 3009. 2 feet. Deep red. Late summer...	25	
Barbata Torreyi . 3010. 3 feet. Coral-red. Summer.....	15	



Centaurea Imperialis (Sweet Sultan)

Chrysanthemum HA and HP

There are many types in *Chrysanthemums*, and many varieties. We offer below those which we consider best for their different purposes, viz., Annuals for the borders; Greenhouse kinds, easily raised from seed; and the Maximum or hardy sorts, which are very attractive in a perennial border or as cut-flowers.

Carinatum, Northern Star . 3011. HA. Height 18 in. The glowing white of the petals, changing to the center into a soft yellow, shows up strikingly against the black disk.....	Pkt. \$0 15	4 pks. 50c...	15
Carinatum, Silver Queen . 3012. HA. Height about 12 to 15 inches. The flowers are well formed and lasting, pure white, with a zone of clear bright yellow overlaid with silver.....		5 pks. \$1..	25
Coronarium, Primrose Gem . 3013. HA. Very dwarf and compact; 15 inches in height, covered with beautiful double well-formed flowers of a rich primrose color; well adapted either for borders or pot culture.....	2 pks. 25c...		15
Inodorum (Bridal Robe). 3014. HP. Pure white, extra double, compact; fine foliage; fine for cutting.....	5 pks. \$1..		25
Frutescens, Comtesse de Chambord (Marguerite, or White Paris Daisy). 3015. GP.....		5 pks. \$1..	25
Japonicum fl.-pl. 3016. HHP. Japanese quilled and twisted.....		3 pks. \$1..	35
New Single Early (Well's) . 3017. HHP. One of the most interesting features in gardening is raising new seedlings, and with these singles, the bulk will turn out to be of the most pleasing color, good habits, no two alike, and every one fit for a place in the garden.....			
TRICOLOR . HA.	Pkt.	Oz.	
Burridgeanum . 3018. Crimson-maroon.....	\$0 05	\$0 40	
Eclipse . 3019. Golden bronze.....	05	50	
Single, Mixed Colors . 3020.....	05	40	
Double, Fringed, Improved Hybrids, Mixed . 3021.	05	1 00	
MAXIMUM (Moonpenny, or Shasta Daisy). HP.	Pkt.		
Alaska . 3024. Improved Shasta Daisy. 3 feet. White.....	\$0 10		
King Edward VII . 3025. 2 feet. Glistening white. Summer.....	15		
Princess Henry . 3026. 1 1/2 feet. White. Summer.....	25		
Robinsonii . 3027. 2 feet. White. Summer.....	25		
Semi-plenum . 3028. 2 feet. Semi-double.....	25		
Shasta . 3029. 1 1/2 feet. White. Summer.....	10		
Triumph . 3030. 1 1/2 feet. Blossoms pure white with yellow centers, borne on long stems; fine for cutting.....			25



House of Cinerarias Grown from our Matchless Strain

Boddington's Matchless Cinerarias HHP

In the culture of the Cineraria the one mistake so often made is that of sowing the seed too soon. The plants thus raised, more often than not, make a rank growth; this is not in any sense desirable. By sowing in May and June, plants large enough for all decorative purposes can be had. In after-treatment the aim should be to secure as hardy a growth as possible. Sturdy plants with leaves of medium size are best.

CACTUS-FLOWERED DWARF MIXED 3031

Large flowers with narrow rolled petals radiating from a small center. An agreeable variation from the full florists' flower, and the strain has been much admired. 1/2pkt. 80 cts., pkt. \$1.50.

HYBRIDA LARGE-FLOWERED 1/2pkt. Pkt.

- Blue. 3032.** \$0 60 \$1 00
- Blue and White. 3033.** Very attractive large broad-petaled blue flowers, center white. 60 1 00
- Brilliant Scarlet. 3034.** This variety introduces a new color, surpassing all the brilliant shades hitherto known among Cinerarias. 60 1 00
- Pink and Light Blue Shades. 3035.** This charming combination of pale blue and delicate pink will be greatly appreciated. Mixed. 60 1 00
- Red and White. 3036.** The center of each flower is white surrounded by a well-defined ring of rich coloring from crimson to light pink. 60 1 00
- White. 3037.** Lovely single pure white. 60 1 00

MATCHLESS HYBRIDA, DWARF MIXED. 3040. A superb strain, obtained from the three best English growers; contains a splendid range of colors. The flowers are of immense size and borne on compact plants. 60 1 00

MATCHLESS HYBRIDA, TALL MIXED. 3041. Excepting for the difference in height, it resembles the above mixture in every way. This strain of Cinerarias is grown on almost every large estate in America. 60 1 00

STELLATA (Star-flowering Cineraria). 3042. Tall-growing; excellent as a single specimen for table decoration, or for grouping with splendid effect in corridors and conservatories. Mixed colors. 60 1 00

Star, Cactus-flowered. 3044. A distinct Cineraria, introduced some years ago by Messrs. J. Veitch & Sons, of London, England. They include a wide range of beautiful shades of color and the very narrow rolled petals give a particularly light and pleasing effect. 60 1 00

FOLIAGE VARIETIES FOR BEDDING

Maritima (Dusty Miller). 3045. HHP. Very useful for bedding or edging. 1 1/2 feet. 1/4oz. 25c. 10

Maritima candidissima, Diamond. 3046. HHP. This variety is a much-improved type of *Cineraria maritima candidissima*, with pure white leaves, which are extremely serrated and equal in color to *Centaurea candidissima*. This variety is unexcelled for bedding purposes. 1/4oz. \$1. 15

Clarkia elegans HA

A popular summer annual, easy of culture. The following beautiful varieties, in addition to being good bedding plants, make very pretty and useful pot-plants for the conservatory. If sown in July and August, splendid specimens can be obtained for Christmas.

- Brilliant fl.-pl. 3047.** Very bright orange. Pkt. 5 pks. \$0 25 \$1 00
- Carmine Queen fl.-pl. 3048.** Light carmine. 25 1 00
- Chamois Queen fl.-pl. 3049.** Pale chamois. 25 1 00
- Orange King fl.-pl. 3050.** Bright orange-scarlet. 25 1 00
- Purple Prince fl.-pl. 3051.** Rich purple. 25 1 00
- Queen Mary fl.-pl. 3052.** Lovely rose-carmine. 25 1 00
- Scarlet Queen fl.-pl. 3053.** Orange-scarlet. 25 1 00
- Sutton's Carnation-flaked Pink. 3056.** 1 foot. Long spikes of pale pink flowers, effectively splashed and blotched with crimson. Elegant as a pot-plant. 35 1 50
- Finest Mixed. 3057.** oz. 60c. 05
- Collection. 3058.** One pkt. each of the above 8 varieties, \$1.75

- CLEMATIS (Virgin's Bower). HP. Rapid climbers.** Pkt.
- Coccinea. 3061.** 6 feet. Scarlet. Summer. \$0 15
- Crispa. 3062.** 6 feet. Purple. Summer. 15
- Davidiana. 3063.** 5 feet. Lilac. Summer. 25
- Flammula. 3064.** White. 15
- Paniculata. 3065.** An old favorite, with pure white, fragrant flowers; very hardy. 10

- CLEOME pungens (Giant Spider Flower). 3067.** HA. Singular-looking rose-colored flowers; the stamens look like spiders' legs and present a very attractive appearance; annual. 3 feet. This plant is now used extensively in many of the public parks, planted among shrubbery. 10
- gigantea hybrida. 3068.** These are hybrids of the well-known *Cleome gigantea*. Pure white to lilac, pink and purple. Sown during the early spring, these new hybrids reach nearly 6 feet. 5 pks. \$1. 25
- grandiflora alba (White Spider Plant). 3069.** The plant grows fully 4 feet in height, branches freely and bears splendid flowers of a pearly white. The best effect is produced when planted between scarlet or pink zinnias. 25

CLERODENDRON Fallax. 3072. GP. Handsome, erect-growing greenhouse plant; large spikes of fiery scarlet blooms. 75



Cineraria stellata

ATB

COBÆA scandens. 3078. HA. Blue.....oz. \$1..	Pkt. \$0 10
Alba. 3079. White.....oz. \$2..	15
COLEUS, BODDINGTON'S MAGNIFICENT RAINBOW HYBRIDS. HHA. 3084. Saved from one of the European collections.....	50
Rococo hybridus. 3085. HHA. New type of Coleus with fantastic-shaped foliage and elegant markings.....	35
Thyrsoideus. (Flowering Variety.) 3086. SP. A robust and exceedingly handsome Coleus. Forms a tall, much-branched perennial 2 to 3 feet high.....	50

Convolvulus (Morning-Glory) HA and HP

Deservedly very popular, as they are one of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed.

Dwarf Varieties. 3090. Finest mixed.....	Pkt. \$0 05	Oz. \$0 25
Tall Varieties. 3091. Finest mixed.....	05	15
Imperial Fringed. 3092. Japanese. Mixed. 6 pkts. 25c.....	05	
Imperial Japanese. 3093. Choice mixed.....	10	50
Imperial Pigmy. 3094. An excellent variety for bedding. Mixed.....	6 pkts. 25 cts.	05
Mauritanicus. 3096. HP. A beautiful trailing plant for baskets, etc.; blue flowers.....	10	

Another list of Morning-Glories is offered under Ipomœa on p. 58

Cosmos HA

This charming annual ranks among the best for table decoration, and because of its long flowering period, is invaluable in a mixed border. Lady Lenox, Pink and White, are our own introductions and have given universal satisfaction, both for size and beauty. Very easily cultivated. Blooms can be obtained from September until the end of November.

Extra-Early-flowering Dawn. 3098. White, tinged pink.....	Pkt. \$0 10	¼oz. \$0 50
Early-flowering Dawn, Mixed. 3099.....	10	30
LADY LENOX, Pink. 3100. Our own introduction. This gigantic Cosmos has succeeded and has been admired everywhere. It is of extraordinary size and beauty, the flower being 4 to 5 inches in diameter, which is about twice as large as the ordinary Cosmos. Color a delightful shell-pink, lighting up beautifully at night.....	Pkt. \$0 15	¼oz. \$0 75
LADY LENOX, White. 3101. Introduced by ourselves two years ago. This variety has become exceedingly popular and is much admired for size and quantity of the snow-white blooms it yields. A splendid companion to Lady Lenox, Pink.....	2 pkts. 25c. 15	1 00
Mammoth Perfection, Crimson. 3103.....	10	25
Mammoth Perfection, Pink. 3104.....	10	25
Mammoth Perfection, White. 3105.....	10	25
Mammoth Perfection, Mixed. 3106.....	10	20
Crimson Ray. 3108. Has narrow and fluted crimson petals; grows 4 feet high, and is a profuse bloomer. 2 pkts. 25c.....	15	
Klondyke. 3109. Orange-colored.....	15	50
MIDSUMMER GIANTS, Pink and White Shades. 3110. If sown early will bloom continuously from August until cut down by frost. Large flowers on strong stems. Splendid for cutting.....	6 pkts. \$1..	\$0 20
For the new types of Ruffled and Double Cosmos, see page 34		
COWSLIP. 3114. HP. A favorite for the spring garden. Finest mixed colors.....		10
For other varieties, see Polyanthus, page 68		
CUPHEA platycentra (Cigar Plant). HHP. 3116. Scarlet and purple.....		25

Cyclamen HHP

Boddington's Gigantic

The seed of Cyclamen is often sown too early in the year; from the middle of August to the end of September is the best time. The seedlings should be grown on to the flowering stage without any check whatever. When grown cool, the results are most satisfactory. Boddington's Gigantic Cyclamen are unequalled for size and quality of bloom.



Cosmos, Boddington's Lady Lenox, Pink

BODDINGTON'S GIGANTIC CYCLAMEN, continued

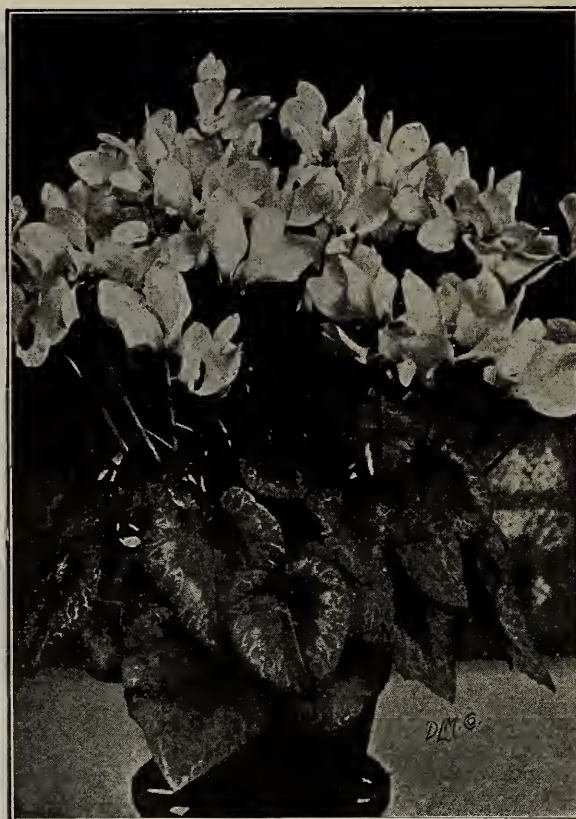
Cherry-Ripe. 3118. A new color, nearly scarlet.....	Pkt. 100 seeds \$0 75	\$4 00
Crimson. 3119. Most striking color; under artificial light appears to be almost luminous.....	50	2 50
Crimson and White. 3120. A magnificent flower of the largest type.....	50	2 50
Lilac. 3121. A very pleasing color, lighting up well at night.....	50	2 50
Pink. 3122. Exquisite shade of soft pink.....	50	2 50
Rose. 3123. Immense flowers of a pleasing shade of light rose.....	50	2 50
Snowflake. 3124. The largest white Cyclamen.....	50	2 50
Syringa-Blue. 3125. A charming color.....	50	2 50
White Butterfly. 3126. Pure white; immense flowers.....	50	2 50
Mixed. 3127. A mixture of all the above varieties in proper proportion.....	50	2 00
Collection. 3128. One pkt. each of the above 9 varieties, \$4.25		

Choice Cyclamen of Recent Introduction

Bush Hill Pioneer. 3129. A beautiful new feathered Cyclamen in various colors.....	Pkt. 100 seeds \$0 50	\$3 00
Peach Blossom. 3130. An exceptionally handsome variety of an intense rose-color.....	50	
Phoenix. 3131. Bright cherry-crimson flowers, freely produced.....	50	
Purple King. 3132. The best of all crimson varieties and strikingly beautiful.....	50	
Princess May. 3133. Color pink, with suffused blotches of crimson at base of petals.....	50	3 00
Rococo. 3134. The flowers, which are beautifully fringed, measure 5 inches in diameter.....	50	3 00
Rose of Marienthal. 3135. Soft shell-pink; a very pretty variety.....	50	
Salmon King. 3136. One of the finest salmon varieties.....	50	
Salmon Queen. 3137. Undoubtedly the most distinct and beautiful salmon color found in Cyclamen.....	50	3 00

CHOICE CYCLAMEN OF RECENT INTRODUCTION, continued

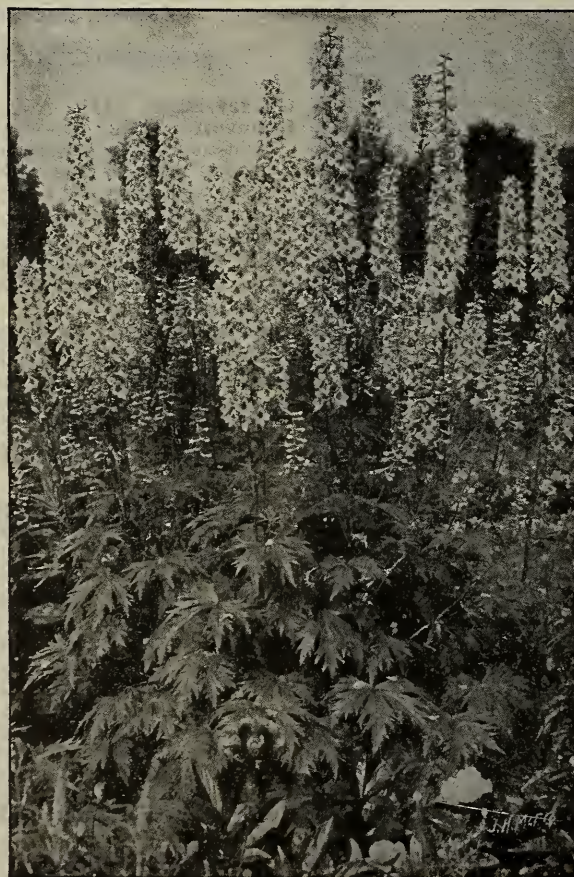
- Salmonium splendens. 3138.** Pkt. Fine salmon-pink variety; large flowers.....100 seeds, \$3..\$0 50
- Sweet-scented. 3139.** The fragrant flowers are borne on stout, erect stems rising well above the foliage, and they are usually double. The colors are pink, flesh-pink with carmine base and white..... 50
- Vulcan. 3140.** The rich crimson color is very striking and contrasts admirably with the pure white of Butterfly..... 50
- Mrs. Buckston. 3141.** Real salmon color, a tint somewhat more delicate than found in our Salmon King and similar to the famous carnation, Enchantress. Produces a profusion of immense flowers with beautifully frilled petals, most freely. Strongly recommended..... 3 pkts. \$2.. 75
- Eileen Low. 3142.** The most extraordinary break which has been obtained in Cyclamen since hybridists commenced to work on the original variety from Persia. The color is a lovely shade of pink (Rose du Barri), a tone of color which so appeals to those of esthetic taste; but the great attraction lies in the distinct blush-white margin and blush-white crest on each petal, which, on account of the great contrast gives an attractiveness found in no other Cyclamen; both lovely and unique. Pkt. The plants are good growers and free-flowering. .3 pkts. \$2..\$0 75
- Collection. 3143.** One pkt. each of the 14 preceding varieties for \$5.



Boddington's Gigantic Cyclamen

Boddington's Erskine Park Hybrids 3170

Beautiful hybrids of *D. formosum* and *D. nudicaule*, containing all the most beautiful shades from light lavender to deepest blue. Pkt. 25 cts., 5 pkts. \$1.



Delphinium, Erskine Park Hybrids

DAHLIA, continued

- | | | |
|---|--------|---------|
| | Pkt. | 3 pkts. |
| Double Mixed. 3163. | \$0 10 | \$0 25 |
| Dwarf Single, 3164. Fine strain..... | 10 | 25 |
- Dahlia Roots and Plants are offered on pages 91 to 93

- DATURA cornucopia.** (Trumpet Flower). 3167. HHA. 3 feet. White and purple..... 10 25

Delphinium HP

Perennial Larkspur

The stately Delphinium should have a prominent place in all old-fashioned gardens. There are but few perennials that bear comparison with this lovely plant. Sow seeds in early spring in shallow boxes indoors or in a hotbed. When seedlings are about 1/2 inch high, transplant to flats 3 or 4 inches apart each way. About a week before planting out remove to the open, taking care to protect them on cold days and nights. Set out 6 inches apart in the garden. Plants treated thus usually flower first season during August. In the fall they may be lifted and set out in groups of colors, three or four plants at a distance of 3 feet apart, in the rear of hardy perennials. The varieties submitted below are good alike both for borders and cutting.

HARDY VARIETIES

- Europæum. 3151.** 3 inches. Pkt. Pure white. Spring.....\$0 25
- Neapolitanum. 3152.** 3 in. Red-purple. Spring..... 25
- CYPERUS alternifolius. HHP. 3154.** A graceful ornamental foliage plant with deep shining green fronds, resembling a miniature palm. Height, 2 feet. Pkt. 15 cts.
- Alternifolius variegatus. 3155.** A beautiful variegated form of the above. Height, 2 feet. Pkt. 15 cts.
- CYPRESS VINE (Ipomœa Quamoclit). 3157.** HA. A very graceful, beautiful climber. Finest mixed colors. Pkt. 5 cts., oz. 40 cts.

Dahlia HHP

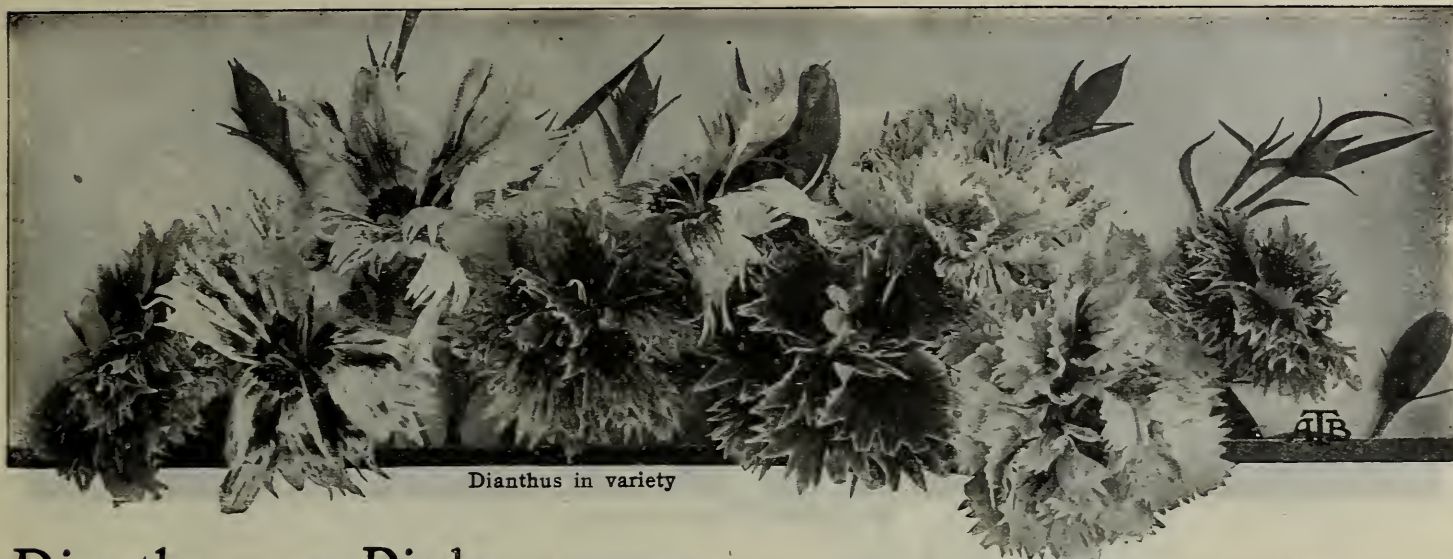
- Cactus. 3160.** Mixed. Pkt. 10 cts., 3 pkts. 25 cts.
- New Collarette. 3161.** HA. The ground-colors range through all shades of crimson, scarlet, rose, pink, and white, while the "collars" are usually yellow, primrose or white. Sow in January or February in heat, and treat afterward as Dahlias propagated from cuttings. The plants will bloom from July until cut down by frost. Pkt. 20c., 6 pkts. \$1.
- 20th Century. 3162.** Beautiful single Dahlia. Flowers 3 1/2 to 7 inches across; colors deep crimson and pure white. Pkt. 25 cts.

- Belladonna. 3171.** Until recently this variety could be raised only by division of roots or cuttings but now we offer good fertile seed which will come true to name. Height, 3 feet. Delightful Pkt. 3 pkts. pale blue.....\$0 50 \$1 25
- Chinense. 3172.** Light blue 10 25
- Chinense album. 3173.** White..... 10 25
- Elatum celestinum. 3174.** 3 feet. Light blue. Midsummer..... 15 40
- Elatum hybridum (Bee Larkspur). 3175.** 5 feet. Blue..... 10 25
- Formosum. 3176.** 2 feet. Dark blue, white eye..... 10 25
- Formosum celestinum hybridum. 3177.** Light blue. 15 40
- Nudicaule. 3178.** 1 1/2 feet. The only pure bright scarlet. Dwarf and compact in growth, with flower-stems of fine length..... 25
- Zalil. 3179.** Sulphur-yellow.. 25

ANNUAL VARIETY

BODDINGTON'S BLUE BUTTERFLY. 3180. Annual type. A charming variety. Color dark blue, forming a compact, free-flowering bush about 15 inches in height. Pkt. 10 cts., 3 pkts. 25 cts.

Other Annual Larkspurs listed on page 59



Dianthus in variety

Dianthus, or Pinks HA and HP

Most brilliant effects may be obtained by using Dianthus in the borders. They grow freely from seed and come true to color. Sow outdoors when danger of frost is past. The perennials will bloom the first year if the seed is sown early. Also useful for pot culture.

ANNUAL VARIETIES

	Pkt.	¼oz.
Chinensis (Chinese Pink). 3185. Double mixed colors. \$0 05	\$0 05	\$0 15
Single, Finest Mixed. 3186.....	05	15
HEDDEWIGII, Single Varieties—		
Crimson Belle. 3188. Brilliant crimson.....	10	50
Eastern Queen. 3189. Extra select; striped rose....	10	50
The Bride. 3190. Very dwarf and compact; pure white, crimson eye; large flower.....	10	50
Single Mixed. 3191.....	10	25
HEDDEWIGII, Double Varieties—		
Fireball. 3193. Scarlet.....	15	1 00
Snowball. 3194. Large double white; clove-scented; fine for cutting.....	15	1 00
Superbissimus, Queen Alexandra. 3195. A very fine, pure white variety. The purest and largest-flowered white Dianthus. One of the finest cut-flower varieties. 25	25	1 25
Double Mixed. 3196.....	10	25
LACINIATUS mirabilis, Single Mixed. 3197. The plants grow from 12 to 15 inches in height and produce their large, lovely flowers of about 3 to 4 inches in diameter, on stiff, upright stems. The petals of the flowers are very deeply cut into fine strips of thread-like fringes for one-third or nearly one-half their length. There are all shades of color, from pure white and white with pink or red zones to rose and deep purplish red. Blooms all summer.....		
	Pkt.	\$0 15
Mirabilis, Double Mixed. 3198. The petals of the flowers are very deeply cut or fringed in the most wonderful form. Their colors are very rich and varied, ranging in all shades from pure white and white with pink or red zones to rose, and all intermediate colorings to dark purplish red, including fine striped varieties.....	5 pkts. \$1..	25
Salmon Queen, Single. 3200. Delicate salmon-red.....	2 pkts. 25c...	15
Salmon Queen, Double. 3201. A splendid double variety of the above.....	2 pkts. 40c...	25
Snowdrift, Double. 3202. A grand new double white summer pink; large flowers. One of the best introductions of the season.....	4 pkts. 50c...	15
Vesuvius, Single. 3203. A beautiful single variety, with intense orange-scarlet flowers, a most brilliant color Pkt. ¼oz.	\$0 15	\$0 60
and a grand acquisition to this class of plants....		
Laciniatus, Double Mixed. 3204.....	10	60
Laciniatus, Single Mixed. 3205.....	10	30
Imperialis fl.-pl. (Double Imperial Pink). 3206.....	10	25
Diadematus, Double, Choicest Mixed. 3207.....	15	50

DIANTHUS, HARDY PERENNIAL VARIETIES

Deserve to be more freely grown. Seed produces abundance of blooms.

Caesius (The Cheddar Pink). 3209. A beautiful little species Pkt. with bright rosy pink flowers.....	3 pkts. \$1.25....	\$0 50
Latifolius atrococcineus fl.-pl. 3210. HP. A hybrid between the China Pink and Sweet William. The heads of brilliant red flowers are quite double. Will flower the first season from seed.....	5 pkts. \$1..	25
Plumarius Scoticus (Scotch Pink). 3211. Double.....		25
Plumarius (Pheasant's Eye). 3212. Double mixed.....		15
Plumarius semperflorens (Perpetual Pink). 3213.....		15
Barbatus (Sweet William). See page 83.		

See, also, Pinks, page 68, and Carnations, page 48

DICTAMNUS (Gas Plant, or Burning Bush). HP.

Fraxinella. 3221. 2 feet. Pink. June and July.....	10
Fraxinella alba. 3222. 2½ feet. White. June and July...	15



Dimorphotheca aurantiaca hybrida (South African Orange Daisy)
Full description on following page



Eschscholtzia, Carmine King

Digitalis (Foxglove) HP. 3 ft.

- Handsome plants, especially adapted for shrubberies. Pkt. 3 pkts.
- Gloxiniæflora alba. 3225. White. Summer.....\$0 10 \$0 25
 - Gloxiniæflora lilacina. 3226. Lilac. Summer..... 10 25
 - Gloxiniæflora lutea. 3227. Yellow. Summer..... 10 25
 - Gloxiniæflora purpurea. 3228. Purple. Summer..... 10 25
 - Gloxiniæflora rosea. 3229. Rose. Summer..... 10 25
 - Gloxiniæflora, Finest Mixed Colors. 3230..... 10 25
 - PURPUREA. Large, bell-shaped terminal flower. Pkt. 2 pkts.
 - Purpurea alba. 3232. White. Summer.....\$0 15 \$0 25
 - Purpurea rosea. 3233. Rose. Summer..... 15 25
 - Purpurea rubra. 3234. Purple. Summer..... 15 25
 - Purpurea monstrosa, Mixed. 3235. Summer..... 15 25
 - Maculata Iveryana. 3236. Lovely spotted varieties. 3 pkts. 25c... 10

Dimorphotheca (South African Orange Daisy) HA

The Orange Daisy was introduced from South Africa a few years ago, and has rapidly grown in favor. In addition to the lovely orange we have now a very wide range of color. Excellent for border and as pot plants.

- Aurantiaca (African Orange Daisy). 3240. Its marguerite-like blossoms, 2 1/2 to 2 3/4 inches in diameter, show a unique, rich, glossy orange-gold, which is rendered the more conspicuous by the dark-colored disk surrounded by a dark zone. A bed in full bloom is a magnificent sight.....\$0 10
- Aurantiaca hybrida. 3241. (See illustration, page 53.)

These hybrids are similar in habit and size of bloom to the beautiful *Dimorphotheca aurantiaca*, but range in color from pure white to blush-white, with salmon glow and orange-salmon reverse, creamy white with lemon reverse, blush with chrome and brown reverse, lemon with deep brown reverse, canary-yellow, soft salmon and salmon-orange. 3 pkts. 50c... 20

- Aurantiaca hybrida, Double. 3242. Double-flowering varieties of our *Dimorphotheca aurantiaca* hybrids introduced four years ago. The colorings of these new double-flowering varieties are as rich and varied as those of the single-flowering sorts, ranging from white to light and dark yellow, from salmony rose to orange.....3 pkts. 50c... 20
- Sinuata. 3243. Flowers are 2 1/2 to 2 3/4 inches across, and show a uniform, clear satiny buff or light chamois, with a bluish disk when fully open in sunshine; the reverse of the petals is purplish red.....4 pkts. 50c... 15

- DODECATELON Meadia (American Cowslip). 3246. HP. 1 ft. Reddish purple. June..... 25
- DOLICHOS Lablab (Hyacinth Bean). 3248. HA. Rapid-growing climbers; purple and white flowers. Mixed... Oz. 25c... 05

- DORONICUM Caucasicum (Leopard's Bane). 3250. HP. 1 1/2 feet. Yellow. Spring..... 25
- DRACÆNA australis. 3251. GP. Broad foliage..... 25
- Indivisa. 3252. Long, slender leaves..... 10

- DRACOCEPHALUM Altaiense (Dragon's Head). HP. 3254. 2 feet. Blue. Summer..... 15
- ECHINACEA Helianthus. 3259. HP. 4 feet. Red. Summer. 25
- Purpurea. 3260. HP. 4 feet. Purple. July..... 15

- ECHINOPS Ritro (Globe Thistle). 3262. HP. 3 feet. Blue. Pkt. Late summer\$0 10
- EPILOBIUM angustifolium (Willow Herb). 3264. HP. 4 to 5 feet. Purple-rose. Summer..... 10
- ECHINOCYSTIS lobata. 3266. HA. The Wild Cucumber Vine. Rapid grower; produces sprays of white flowers in abundance.....oz. 60c... 10
- EREMURUS Himalaicus. 3268. HP. 8 feet. White. Summer. 25
- ERIGERON aurantiacus hybridus (Double Orange Daisy). 3270. HP. 1 foot. Orange. Early summer..... 10
- Caucasicus. 3271. Pale violet..... 10
- Coulterii. 3272. Large; white with yellow disk; petals very finely cut..... 10
- Glaucus. 3273. Large, lavender-blue flowers borne in profusion 10
- Speciosus. 3276. Mauve-yellow center..... 10
- ERINUS alpinus. 3280. HP. 6 inches. Purple-red. June... 25
- ERYNGIUM (Sea Holly). HP.
 - Alpinum. 3282. 2 1/2 feet. Pale blue. Aug..... 10
 - Amethystinum. 3283. 3 feet. Amethyst. Summer..... 15
 - Maritimum. 3284. 1 1/2 feet. White. Aug..... 10
 - Platum. 3285. 2 1/2 feet. Light blue. Aug..... 10

Eschscholtzia (California Poppy) HA. 1 ft.

- Conspicuous for their profusion of bloom and bright colors.
- Alba. 3288. Creamy white.....\$0 05 \$0 50
 - Burbank's Crimson. 3289. A very handsome crimson variety.....6 pkts. 25c... 05
 - Carmine King. 3290. A beautiful rose-colored variety... 15
 - Californica, Giant. 3291. Yellow.....1/4lb. 75c... 05 30
 - Golden West. 3292. Color golden yellow..... 05 50
 - Finest Mixed, all varieties. 3293.....1/4lb. 75c... 05 30
 - Caniculata rosea. 3294. Most beautifully fluted and frilled; of a bright rosy blush shade. A profuse bloomer. 10 I 25
 - Caniculata sulphurea. 3295..... 10 I 00
 - Caniculata, White. 3296..... 10 I 00
 - Carter's New Fringed. 3297. Deep colored base to the petals and prettily fringed.....6 pkts. \$1.. 20
 - Dainty Queen. 3298. Color is a tender blush or pale coral-pink, slightly deeper toward the edges, with a groundwork of delicate cream.....2 pkts. 25c... 15
 - Diana. 3299. Color is rosy white, while the petals are fluted in a novel manner.....2 pkts. 25c... 15
 - Double Orange. 3300. Color deep yellow suffused with crimson.....2 pkts. 25c... 15
 - Mikado. 3301. Color is orange-crimson suffused with deep crimson.....2 pkts. 25c.. 15
 - Rajah. 3302. Brings a new color in Eschscholtzias, which can best be described as a purplish carmine 6 pkts. \$1.. 20
 - Orange King. 3304. The largest Eschscholtzia of any yet introduced, the flowers measuring 2 1/2 to 3 inches in diameter. The flower is of a deep orange-yellow color. A most vigorous grower5 pkts. \$1.. 25
 - Collection. 3305. One pkt. each of any 7 of the above varieties, \$1

EUCALYPTUS globulus (Blue Gum). 3307. GS.....	Pkt. \$0 15
Filicifolia . 3308. Fern-leaved variety.....	25
EUPATORIUM ageratoides (Thoroughwort). 3310. HP. 3 to 4 feet. White. Aug. and Sept.....	10
Cœlestinum . 3311. 2 feet. Blue. Late summer.....	25
Fraseri . 3312. 1 foot. White. Late summer.....	10
EUPHORBIA heterophylla (Mexican Fire-Plant). 3313. HHA. Splendid scarlet poinsettia-like annual.....	25

Exacum HHA

Affine . 3315. A dwarf, showy half-hardy annual for pot culture; clusters of fragrant lilac flowers.....	50
Macranthum . 3316. The flowers are 2 inches in diameter and of a deep rich purple color. Height, 1½ feet.....	1 00
FERN SPORES, or SEEDS . 3373. Saved by a reliable Fern specialist. Mixed.....	25
FORGET-ME-NOT . See <i>Myosotis</i> .	
FEVERFEW . See <i>Matricaria</i> .	
FRANCOA ramosa (Bridal Wreath). 3377. HHP. Beautiful decorative plant, which is of the easiest possible greenhouse culture. During the summer months it produces a large number of elegant sprays of pure white flowers. Excellent for cutting. Height 2½ feet.....	25
Glabrata . 3376. HHP. The flowers are of the purest snow-white, and very freely produced on large-branched spikes. 3 pkts. \$1..	35
FRASERA speciosa . 3379. HP. 3 feet. Bluish. Summer....	10
FREESIA hybrida nova . 3380. HB. These new hybrids are the result of crossing the <i>Freesia refracta alba</i> with <i>Freesia Armstrong</i> , <i>Ragionieri</i> , <i>Tubergenii</i> , <i>Amethyst</i> and others. These hybrids contain pink, red, lilac, violet, yellow and orange. The plants will flower from seed about eight months from time of sowing.....	3 pkts. 50c... 20



Gerbera Jamesoni hybrida

FUCHSIA, Double Varieties . 3382.....	Pkt. \$0 50
Single Varieties . 3383. GS. Splendid mixture.....	50
FUNKIA (Plantain Lily). HP. 2 feet. Summer.	
Albo-marginata . 3385. White.....	10
Cerulea . 3386. Blue.....	10
Cordata aureo-variegata . 3387. White.....	10
Ovata . 3388. Blue.....	10
Sieboldii hybrida . 3389. White.....	10

Gaillardia (Blanket Flower)

One of the most useful and desirable annuals and perennials for decorative and cut-flower purposes.

ANNUAL VARIETIES

Amblyodon . 3390. Rich blood-red. Effective. .3 pkts. 25c..	Pkt. \$0 10
Picta Lorenziana . 3391. Double mixed .3 pkts. 25c..	10

PERENNIAL VARIETIES

Grandiflora maxima . 3392. 3 feet.....	3 pkts. 25c. . . 10
Grandiflora vera . 3393. 1 foot.....	3 pkts. 25c.... 10
Kermesina splendens . 3394. Center rich crimson, yellow border.....	15
Sulphurea oculata . 3395. Pale yellow, bright maroon eye.	10
Choicest Grandiflora Hybrids Mixed . 3396. Saved by a specialist from named varieties	5 pkts. \$1.. 25
Finest Mixed . 3397.....	oz. \$1.25.. 10

GALEGA (Goat's Rue). HP. 3 feet. Early summer.

Officinalis . 3400. Blue.....	10
Officinalis alba . 3401. White.....	10
Officinalis rosea . 3402. Rose.....	10

Gerbera (Transvaal Daisy) HHP

Jamesoni . 3413. The scarlet Marguerite. Very distinct; fine either for outdoor or indoor cultivation. (Pkt. 25 seeds)	50
Jamesoni hybrida . 3414. <i>Gerbera Jamesoni hybrida</i> first raised by Mr. Lynch, curator of the Botanic Gardens, at Cambridge, England, by hybridizing the <i>Gerbera Jamesonii</i> , from the Transvaal, with <i>G. viridifolia</i> , and then recrossing the progeny. Mr. Lynch added to the brilliant orange-scarlet of the type a series of fine new colors, including pure yellow, orange, salmon, rose, cerise and ruby-red to violet. This variety is somewhat hardier than the parent form. When sowing, it is recommended to place each seed with the pointed end upward, just above the surface of the soil. Pkt. contains 25 seeds..3 pkts. \$2..	75



Gypsophila elegans (see page 56)

- GESNERIA, Hybrids. 3416.** Valuable plants for the stove or warm greenhouse; easily raised from seed, they flower the first season. Treatment same as gloxinias. Pkt. \$1 00
- GAURA Lindheimeri. 3404.** HP. A graceful perennial 3 to 4 feet high, bearing numerous spikes of rosy white flowers from July till frost. 3 pkts. 25c. 10
- GENTIANA acaulis. 3406.** HP. (Soak seed before sowing.) 1 1/2 feet. Blue. Summer. 2 pkts. 25c. 15
- Clusii. 3407.** HP. 6 inches. Deep blue. Summer. 25
- GERANIUM (Lady Pelargonium). HHP.**
- Odoratissima. 3410.** Apple-scented. 25
- Sanguineum. 3411.** 2 feet. Deep pink. 15

Geum HHP

Beautiful hardy perennial, bearing profusely large, showy, double, dark crimson flowers all through the summer; an elegant flower for bouquets.

- Atrosanguineum. 3418.** Double deep scarlet. 1 1/2 feet. Pkt. Summer. \$0 10
- Coccineum. 3419.** Double scarlet. 1 1/2 feet. Summer. 10
- Heldreichii. 3420.** Orange. 9 inches. Summer. 25
- GILIA coronopifolia. 3422.** HHB. The extremely brilliant scarlet flowers are borne successively in great profusion, and buds and flowers are always appearing from the top to the bottom of the flower-spike, reminding one of four or five spikes of the *Lobelia cardinalis* being bound together and flowering at one and the same time. 6 pkts. \$1. 20

Glaucium (Horned Poppy) HHP

- Leiocarpum. 3424.** The individual flowers, 2 to 2 1/2 inches across; are of the most brilliant deep orange-scarlet with large black spots at the base of the petals, a striking and very rich coloring. Foliage glaucous green. On account of the slow germination of the seed, spring sowings should not be made later than in February or beginning of March; autumn sowings always succeed better. 25
- GLOBE AMARANTH (Gomphrena). HA.** 2 feet. Very showy everlasting. Pkt. 1/4oz. \$0 05 \$0 25
- Orange. 3426.** \$0 05 \$0 25
- Purple. 3427.** 05 25
- Red. 3428.** 05 25
- White. 3429.** 05 25
- Finest Mixed Colors. 3430.** 05 20



Gloxinia, Boddington's Ideal

Gloxinia TP

- BODDINGTON'S IDEAL. 3431.** This seed, which is saved from the finest Erecta and Superba types by a noted grower of Gloxinias, contains some of the most wonderful self-colored and spotted varieties. (See illustration this page.) 1/2 pkt. 60c. \$1 00
- Large-flowered, Striped and Marbled. 3432.** The ground color of the large, erect and widely opened flowers is a velvety purple-crimson, with a rosy white throat. 3 pkts. \$2. 75
- Regina hybrida erecta. 3433.** The flowers appear mostly in blue and lilac, but rose and red shades are also found among them. 1/2 pkt. 60c. 1 00

For Gloxinia bulbs, see bulb portion of catalogue.

- GNAPHALIUM Leontopodium (Edelweiss). 3435.** HP. Seed should be sown early and kept cool and moist. 10

Godetia HA

A charming annual that blooms profusely in borders or under glass. Can be sown inside in the fall for Christmas flowering.

- Bridesmaid. 3437.** Rose and white. Pkt. 1/4oz. \$0 10 \$0 35
- Duke of York. 3438.** Satiny scarlet. 10 30
- Lady Albemarle. 3439.** Bright crimson. 10 25
- Whitneyi. 3440.** Scarlet. 3 pkts. 25c. 10
- Sutton's Double Rose. 3441.** 2 pkts. 40c. 25
- Mixed Colors. 3442.** 10 20

GOURDS, Ornamental. HA. Rapid-growing interesting annual climbers, with ornamental foliage and singular-shaped fruit. 15 to 20 feet. Pkt. Oz.

- Apple-shaped. 3445.** \$0 05 \$0 30
- Bottle-shaped. 3446.** 05 30
- Dipper, or Calabash, 3447.** 05 25
- Egg-shaped. 3448.** Fruit white like an egg. 05 25
- Hercules' Club. 3449.** Club-shaped; 4 feet long. 05 25
- Luffa (Dish-rag, Sponge or Bonnet Gourd). 3450.** 05 30
- Orange-shaped (Mock Orange). 3451.** 05 25
- Pear-shaped. 3452.** Striped; very showy. 05 35
- Serpent. 3453.** Striped like a serpent; 5 feet in length 05 25
- Sugar-Tough. 3454.** 05 25
- Turk's Turban. 3455.** 05 25
- Mixed Varieties. 3456.** 05 20

Collection. 3457. One pkt. each of above 11 varieties, 50 cts.

- GREVILLEA robusta (Silk Oak). 3460.** GS. Pkt. \$0 25

GUNNERA (Chilian Rhubarb). HP. Ornamental foliage plants. Require rich soil and plenty of water. Make fine decorative lawn plants.

- Scabra. 3462.** Orange foliage. 6 feet. 25
- Scabra major. 3463.** Orange foliage. 8 feet. 35

Gypsophila (Baby's Breath)

The tender panicles of bloom are greatly admired when mixed in bouquets of sweet peas, etc. The culture is so easy that it should have a place in every garden.

ANNUAL VARIETIES

- Elegans. 3465.** White-and-pink flowers. Pkt. Oz. (See illustration, page 55). \$0 05 \$0 25
- Elegans carminea. 3466.** The plants grow about 10 to 12 inches in height and are immensely free flowering, set with small bright carmine-rose blooms. 10 50
- Elegans grandiflora alba. 3467.** A fine variety. Flowers large and pure white. 10 50
- Elegans grandiflora rosea. 3468.** Delicate rose. 10 50
- Muralis. 3469.** Red. 05 50

PERENNIAL VARIETIES

- Acutifolia. 3470.** White. July. Pkt. \$0 10
- Paniculata. 3471.** White flowers; the best sort. 3 pkts. 25c. 10
- Paniculata fl.-pl. 3472.** Double white. 18 inches. 5 pkts. \$1. 25
- Repens. 3473.** White flowers; dwarf; good for rockery. 10

- HELENIUM** (Sneezewort). HP. Late summer.
- Autumnale.** 3475. 6 feet. Yellow. Pkt. low. ¼ oz. 50c. . \$0 10
 - Autumnale superbum.** 3476. 6 feet. Dark yellow. 10
 - Bigelovii.** 3477. Golden yellow, with black center. 15
 - Bolanderi.** 3478. 2½ feet. Dark yellow. 15
 - Hoopesii.** 3479. 2½ feet. Dark yellow. 15
 - Riverton Beauty.** 3480. Flowers rich lemon-yellow surrounding a large cone of purplish black. 2 pkts. 25c. . 15
 - Riverton Gem.** 3481. Of strong growth, 2½ to 3 feet high, and literally covered from the middle of August till the end of October with brilliant flowers, opening old-gold, changing as they mature to wall-flower-red. 2 pkts. 25c. . 15



Helanium, Riverton Beauty

Helianthus (Sunflower) HA

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens.

Californicus. 3485. 5 to 6 ft. Large double orange flowers. Pkt. 5 cts., oz. 40 cts.

Chrysanthemum - flowered.

- 3486.** An annual variety with large, intensely double, bright golden flowers. Pkt. 10 cts., 3 pkts. 25 cts.
- Cucumerifolius, Orion.** 3487. Single variety. Petals twisted like a cactus dahlia. Excellent for cutting. 3 pkts. 25c. . \$0 10
- Cucumerifolius, Stella.** 3488. 3 feet. Single. Compact form and bushy; primrose-yellow; useful for cutting. 3 pkts. 25c. . 10
- Cucumerifolius purpureus.** 3489. The flowers vary from light pink to deepest purple. 6 pkts. \$1. . 20
- Globosus fistulosus.** 3490. 5 feet. Double. Bright saffron color. oz. 40c. 05
- Macrophyllus giganteus.** 3491. 10 feet. Single. Yellow. Pkt. 5 cts.
- Multiflorus fl.-pl.** 3492. Double. Very fine for cutting. Pkt. 10 cts., 3 pkts. 25 cts.
- Oscar Wilde.** 3493. 9 feet. Single. Orange and black; 6 inches across. Pkt. 5 cts.

New Red Hybrids. 3494. (Single.)

The color is bright reddish brown, sometimes extending over the whole flower and at others displayed in the form of a wide zone, margined with bright golden yellow.

- Sutton's Single Dwarf Primrose.** 3495. A distinct dwarf strain attaining a height of only 2½ to 3 feet. Clear primrose flowers with black centers. (See illustration.) 50
- Sutton's Earliest of All.** (Single.) 3496. Produces until late in the autumn an abundance of medium-sized flowers, having long, broad golden petals and small black center. Height, 6 feet. 3 pkts. \$1.25 . . 50
- Sutton's Improved Miniature.** (Single.) 3497. Flowers remarkably large, and, as the plants attain a height of only 12 inches, they are specially adapted for bedding. Mixed colors. 25

PERENNIAL VARIETIES

- Maximiliani.** 3498. 10 feet. Yellow. Late summer. 10
- Perennial, Mixed.** 3499. 3 to 6 feet. Various. June-Sept. 10

HELICHRYSUM. HA. This Pkt. hardy annual is the well-known Everlasting Flower, and is everywhere prized for winter decoration.

Monstrosum fl.-pl. (Everlasting). 3501. Finest mixture; all colors. ¼ oz. 25c. . \$0 10

HELIOPSIS Pitcheriana (Orange Flower). 3502. HP. One of the most desirable of the Helioipsis for summer cutting. 4 feet. Flowers 2 inches across. Of a beautiful deep golden yellow. 10

HELIOTROPE (Apple Pie). HHP. 1½ feet. Splendid for bouquets. Delightfully perfumed.

Lemoine's Giant. 3506. 10

Queen Marguerite. 3507. Very large trusses of flowers; dark blue, and much more compact than the ordinary variety. 15

Regale (Dwarf Giant-flowered Heliotrope). 3508. This is a grand dwarf variety. Early, flowers freely, with large masses of bloom. 15

Rosalinde. 3509. Great size and rich color, which is violet-red, tending to pink. Deliciously perfumed. 3 pkts. \$1. 35

Finest Mixed Varieties. 3510. 10

HEMP, Giant (*Cannabis gigantea*). 3511. HA. Height 5 to 6 feet. 10

Hesperis matronalis (Sweet Rocket) HP

- A very free-flowering perennial, suitable for cutting. Pkt. 3 pkts.
- Lilac.** 3514. 3 to 4 feet. \$0 10 \$0 25
- Nana candidissima.** 3515. 2 feet. White. 10 25
- Purple.** 3516. 3 to 4 feet. 10 25
- White.** 3517. 3 to 4 feet. 10 25
- Mixed.** 3518. 3 to 4 feet ¼ oz. 15c. 05

HEUCHERA (Alum Root).

- Brizoides.** 3523. 2 feet. Rose. Pkt. Summer. \$0 15
- Hybrida grandiflora.** 3524. 2 feet. Pink. Summer. 15
- Sanguinea.** 3525. 2 feet. Coral-red. Summer. 15
- Splendens.** 3526. 2 feet. Deep red. Summer. 15

Hibiscus (Marsh Mallow)

HA and HHP

A very showy plant, producing immense flowers 6 inches across, upon bushes 2 to 6 feet high. Will bloom first year if sown early.

- Africanus.** 3530. HA. 2 feet. Free-growing, hardy annual. Pkt. Yellow, with maroon center. \$0 10
- Crimson Eye.** 3531. HP. 4 ft. White with crimson center. 10
- Golden Bowl.** 3532. HP. Sulphur-yellow, with purple center. 10
- Grandiflorus, Sunset.** 3533. HA. Flowers very large, pale yellow, black center. 25
- Manihot.** 3534. HA. Height 4 feet. Produces flowers fully 4 inches in diameter, color sulphur-yellow, with maroon blotch. 25
- Moscheutos roseus.** 3535. HP. 3 feet. Rose. 10
- New Giant-flowering.** 3536. HP. Flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. Rich dark red, soft mallow-pink and pure white. 2 pkts. 25c. 15



Helianthus, Sutton's Single Dwarf Primrose

Hollyhocks HP. 9 ft.

Boddington's Quality Double

The Hollyhock is among the most stately of our garden plants. Succeeds best in a rich, well-drained soil, and should be lightly protected during the winter months with coarse straw or spruce boughs. For distinct effect plant in large groups.

	Pkt.	3 pkts.
Apple Blossom. 3540.....	\$0 15	\$0 40
Blood-Red. 3541.....	15	40
Bright Pink. 3542.....	15	40
Carary-Yellow. 3543.....	15	40
Crimson. 3544.....	15	40
Golden Yellow. 3545.....	15	40
Lilac. 3547.....	15	40
Peach Blossom. 3548.....	15	40
Rose. 3549.....	15	40
Salmon. 3550.....	15	40
Scarlet. 3551.....	15	40
Snow-White. 3552.....	15	40
Mixed. 3553.....	15	40

Collection. 3554. One pkt. each of the 12 varieties for \$1.50

Collection. 3555. One pkt. each of any 8 varieties for \$1

Collection. 3556. One pkt. each of any 6 varieties for 80 cts.

Chater's Double, Finest Mixture. Pkt.	3 pkts.
3557.....	\$0 15 \$0 40
Allegheny, Mixed. 3558.....	10 25
Single, Finest Mixed. 3559.....	10 25

Double Hybrid Everblooming. 3560.
This mixture contains a rich collection of colors, from white to deep black, light and canary-yellow, flesh color, dark, light and salmon-rose, scarlet, cherry, red, purple, blackish brown, etc. Plants branch out freely and grow to a height of about 10 feet.....3 pkts. 40c...\$0 15

Single Hybrid Everblooming. 3561.
Plants can be treated exactly as annuals; the seed may be started in the house or hotbeds in March or April, and will commence to flower in July, and stay uninterrupted in flower until very late in the season.....3 pkts. 25c... 10

Honesty (*Lunaria biennis*) HB

Good early-flowering plants; the seed-vessels, which are flat and broad, look like transparent silver, and are very pretty for winter bouquets of dried flowers. Height, 2 feet Pkt.

Crimson. 3565.....	\$0 10
Purple. 3566.....	10
Variegated. 3567.....	10
White. 3568.....	10
Mixed. 3569.....	05

HUMEA elegans. 3572. HHB. 6 feet.
Aromatic-scented; fine for pot culture, but rarely seen in the United States. August to October..... 25

HUMULUS Japonicus (Japanese Hop). 3574. HA. 12 feet. Fast-growing annual climber.....3 pkts. 25c... 10

Japonicus foliis variegatis. 3575. A variegated form of preceding..... 3 pkts. 25c... 10

HUNNEMANNIA fumariæfolia (Giant Yellow Tulip Poppy, or Bush Eschscholtzia). HA. 3578. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. oz. 60 cts., ¼lb. \$2.. 10

IBERIS. See Candytuft.



Impatiens (Zanzibar Balsam) HHP

Holstii. 3585. Forms bushes 1½ to 2 Pkt. feet high, and resembles in habit, foliage and shape of flower the popular *I. Sultani*, but surpasses it in its quicker and more vigorous growth and its larger and brighter-colored flowers. Seed sown indoors in spring will form plants ready to set out in May, and will bloom continuously from June till frost. It is also an excellent pot-plant for the house.

5 pkts. \$1..\$0 25

Holstii Hybrids, Mixed. 3586. Brilliant vermilion-red flowers. It is indeed an excellent pot-plant, and also extremely useful for the open border, groups in a half-sunny position producing a striking effect. It may be remarked that the broad-petaled blooms are 1½ to 1½ inches in diameter. The colors now offered are quite distinct and also very beautiful.....5 pkts. \$1.. 25

Sultani. 3589. Brilliant rosy scarlet..... 25

ICE PLANT (*Mesembryanthemum crystallinum*). 3581. HHA. A trailing plant of dwarf habit for rockwork or flower borders..... 10

INCARVILLEA Delavayi (Hardy Gloxinia). 3592. HP. Produces large, gloxinia-like rose-colored flowers, which last in perfection a long time; these are produced in clusters on stems 18 inches high; should be protected with a covering of leaves during the winter..... 10

INULA ensifolia grandiflora. 3594. HP. Flowers golden yellow, 4 inches across, borne on erect stems; 2 feet..... 25

Ipomœa (Morning-Glories) HA

Quick-growing summer climbers. Unsurpassed for covering trellises, walls, etc.

Bona-nox (Good-night). 3600. Opens large white flowers in the evening.....\$0 10

Cardinalis (Cardinal Creeper). 3601. This belongs to the group of bindweeds that have a tubulous corolla. The flowers are produced in great profusion and are intense cardinal-red.....6 pkts. \$1.. 20

Coccinea. 3602. 10 feet. Scarlet flowers. 3 pkts. 25c... 10

Leari. 3603. Dark blue...3 pkts. 25c... 10

Mexicana grandiflora alba. 3604. 15 feet. The great white Moonflower. 3 pkts. 25c... 10

Rubro-cærulea (Heavenly Blue). 3605. 15 feet. Sky-blue flowers opening in the early morning.....3 pkts. 60c... 25

Quamoclit. See Cypress Vine.

Setosa (Brazilian Morning-Glory). 3607. 10 to 20 feet. Makes a thick growth of great lobed leaves; large rosy flowers, pink star in center.....3 pkts. 25c... 10

Other Morning-Glories are offered on page 51

Isolepis gracilis GP 3610

Elegant decorative plant with slender, bright green, drooping foliage, which entirely hides the pot. Much used as a border to greenhouse and conservatory plants. Pkt. 15 cts.

**WE OFFER
SOME REALLY INTEREST-
ING NOVELTIES
ON PAGES 33 to 36**

Boddington's Quality Hollyhocks

- KALANCHOE Flammea. 3620.** HHP. Height, 18 inches. Erect stem carrying large bunches of brilliant orange-scarlet flowers. \$0 50
- KAULFUSSIA amelloides. 3623.** HA. Dark blue flowers. Height 9 inches. 10
- KENILWORTH IVY (Kentucky Ivy; *Linaria Cymbalaria*).** 3625. HP. Trailing perennial. Violet flowers. 25
- KOCHIA scoparia (Mock Cypress; Fireball). 3627.** HA. Similar to *Tricophylla*, but not so graceful. . . ¼oz. 25c. . . 10
- Tricophylla. 3628.** A pretty, half-hardy annual, forming compact bushes about 2 ½ feet in height, with small feathery light green drooping foliage, which changes, as the summer advances, to a deep green, and to a crimson hue in September. Seed may be sown in March, giving the same treatment as for balsam or other similar annuals. . . ¼oz. 25c. . . 10
- LANTANA, Dwarf Compact Hybrids. 3635.** HHP. Dwarf, elegant, showy; various shades of orange and red. 5 pkts. \$1. . . 25
- Hybrida. 3636.** Orange and red verbena-like flowers. Finest mixed. 3 pkts. 25c. . . 10

Larkspur (Annual Delphinium) HA. 1 to 3 ft.

Seed sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost. It is very ornamental, producing, in great variety of forms and colors, some of the most beautiful flowers in cultivation. Excellent for cutting.

Boddington's Scarlet Defiance. 3640. An improvement by Pkt. careful selection of the Newport Scarlet Larkspur. . 5 pkts. \$1. . \$0 25

Boddington's White Queen. 3641. Companion flower to our Scarlet Defiance. 5 pkts. \$1. . . 25

Giant Hyacinth-flowered Navy Blue. 3642. A grand variety for cutting purposes; color intense blue. . 2 pkts. 25c. . . 15

- GIANT HYACINTH-FLOWERED, Chociest Pkt. ¼oz.**
- Mixed. 3643. \$0 10 \$0 30
- DOUBLE DWARF ROCKET, Azure-Blue. 3644.** 10 25
- DOUBLE DWARF ROCKET, Mixed. 3645.** 05 25
- DOUBLE TALL ROCKET, Mixed. 3646.** 2 ½ feet. . . . 05 25

Emperor. A grand type of annual Delphiniums. Height about 2 feet, of candelabra habit, with about twelve short branches. We are offering this in the following beautiful shades:

- Azure-Blue. 3647.** Pkt. 10 cts.
- Black-Blue. 3648.** Pkt. 10 cts.
- Brilliant Carmine. 3649.** Pkt. 10 cts.
- Rose. 3650.** Pkt. 10 cts.
- Striped. 3651.** Pkt. 10 cts.
- Tricolor. 3652.** Pkt. 10 cts.
- Violet. 3653.** Pkt. 10 cts.
- White Striped. 3654.** Pkt. 10c.
- White. 3655.** Pkt. 10 cts.
- Collection. 3656. One pkt. each of the above, 75 cts.



Kochia tricophylla (Burning Bush)



Boddington's Scarlet Defiance Larkspur

Lathyrus HA and HP

These have not the fragrance of Sweet Peas, but bloom throughout a long season. They make a beautiful screen for rocks, stumps, fences, etc. Height, 2 to 8 feet. Pkt. Oz.

- Latifolius albus, White. 3660.** HP. Valuable for cut-flowers in midsummer. \$0 10 \$1 00
- Latifolius, Pink Beauty. 3661.** HP. Blossoms white, veined, edged and shaded rose-pink. 10 1 00
- Latifolius roseus. 3662.** HP. Brilliant-flowered, perhaps the handsomest form of the type. 10 1 00
- Latifolius, Mixed. 3663.** 10 75
- Lord Anson's Blue. 3664.** HA. Strong-growing; dark purple-blue; 3 to 5 feet. . 10 1 50
- Splendens (Pride of California). 3667.** HA. Large, pale rose flowers. 10 1 50
- LAVATERA (Mallow) alba splendens. 3670.** HA. Pearly white. 3 feet. 10
- Rosea splendens. 3672.** Brilliant rosy pink. 3 feet. 10
- LAVANDULA spica. 3675.** HP. 1 ½ feet. Midsummer. 10
- Vera. 3676.** 3 feet. Well-known, sweet-scented, hardy perennials; should be grown in the mixed border. 10

LEPTOSYNE Stillmanii (Yellow Marguerite). 3680. HA. Bright yellow; very free-flowering. Flowers six weeks after sowing.....	Pkt.	\$0 25
LIATRIS (Blazing Star). HP. July to Sept.		
Scariosa præcox . 3685. 3½ feet. Purple.....	10	
Spicata . 3686. 2½ feet. Purple.....	10	
LINUM (Flax). 1 foot.		
Grandiflorum coccineum . 3691. HA. Brilliant scarlet. Very showy and desirable.	oz. 35c...	05
Perenne . 3692. HP. 1½ feet. Blue. July to Sept.		10

Lobelia HHP
BEDDING VARIETIES

The dwarf varieties are very useful for edging, and the trailing varieties for hanging-baskets and window-boxes. Blooms the first season from seed. To obtain the best results, seed should be sown in January or February.

Erinus, Crystal Palace compacta . 3700. 6 inches. Dark blue, bedding variety.....	Pkt.	¼oz.	
Emperor William . 3701. Light blue; dwarf.....	15	40	
Golden Queen . 3702. A golden-foliaged variety; flowers rich dark blue; very effective.....	25	60	
Gracilis . 3703. Blue; trailing.....	10	25	
Speciosa . 3704. Ultramarine-blue; dark leaves; trailing.....	10	25	
White Lady . 3705. Pure white, compact.....	10	25	
Hybrida, Sapphire . 3707. This new trailing variety is of remarkably strong growth; the flowers are unusually large for a Lobelia, measuring ¾ inch across, and are thickly set on the long, graceful sprays of foliage; color of flowers intense deep blue, with large and clearly defined white eye. A well-grown plant covered with these lovely blue oculate flowers makes a splendid sight.....	20	50	

TALL VARIETIES FOR POTS

TENUIOR (Ramosa). HHA. A charming species with flowers which are large for the genus; being 1 inch in diameter. The plant is of light and graceful habit, reaching a height of about 1 foot.

Blue . 3709.....	Pkt.	5 pkts.	
Rose . 3710.....	\$0 25	\$1 00	
White . 3711.....	25	1 00	

PERENNIAL VARIETIES FOR BORDERS

Cardinalis . 3713. 2 feet. Seed saved from the finest types only.....	Pkt.	\$0 10
Cardinalis, Illumination . 3714. Grows about 2 feet in height, producing very strong flower-stems with bronze foliage, similar to the variety Queen Victoria. Flowers intense scarlet, compact and forming a fiery, torch-like mass....	5 pkts.	\$1.. 25
Fulgens, Queen Victoria . 3715. 2 feet. Aug. and Sept. Scarlet.....		25
Fulgens, Hybrids . 3716. 2 feet. Aug. and Sept. Fiery red.....		25
LOPHOSPERMUM scandens . 3720. HA. Highly ornamental annual climber, with rosy purple, glove-like flowers. 3 pkts.	25c...	10

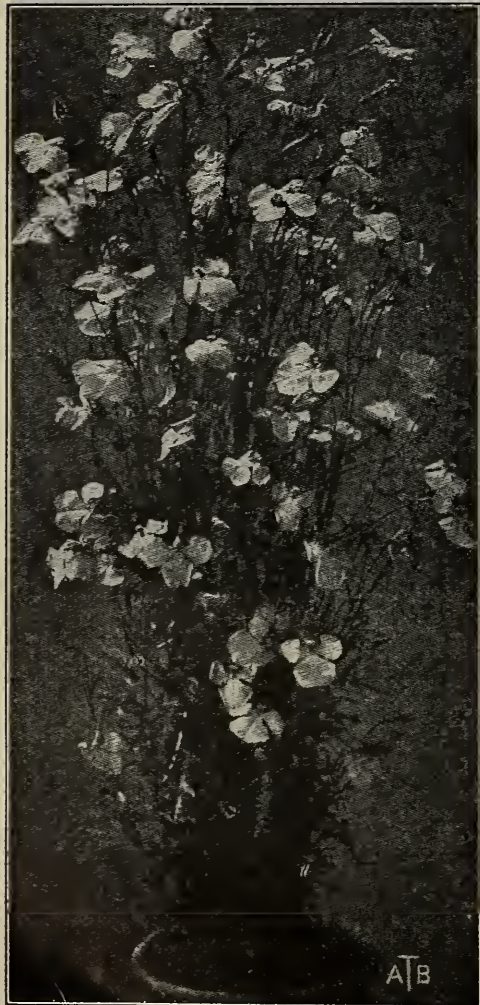
Lupins

ANNUAL VARIETIES

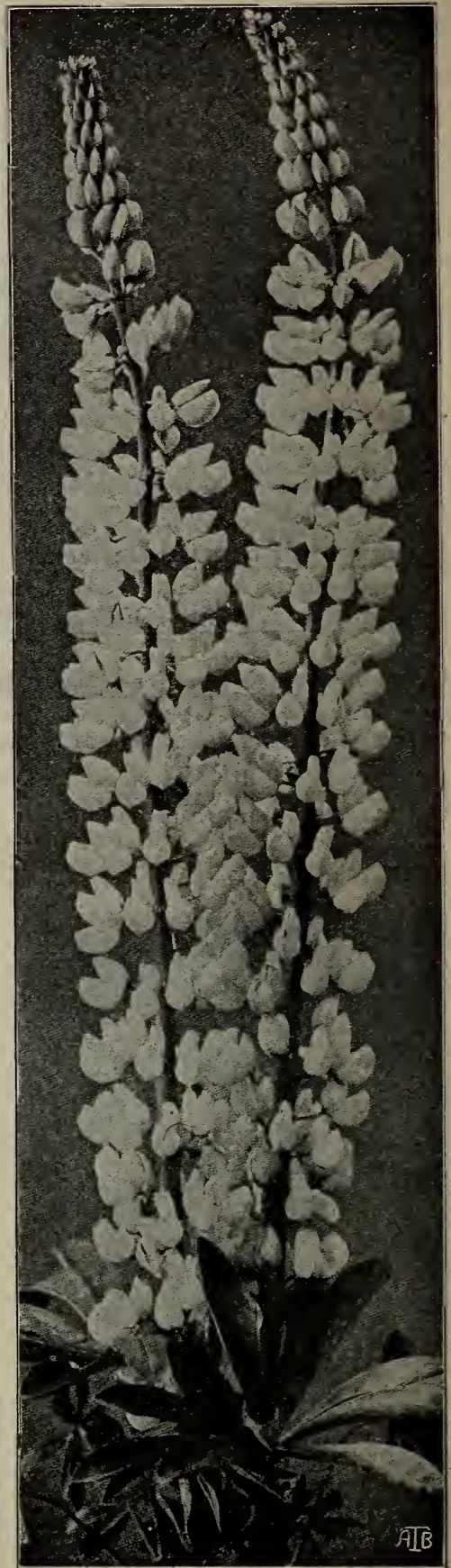
The popularity of Annual Lupins is responsible for the introduction of the following six shades, which should be grown in every up-to-date garden.

BLUEBIRD . 3725. Celestial-blue.....	Pkt.	Oz.	
COCKATOO . 3726. Dwarf; salmon-pink.....	10	75	
FLAMINGO . 3727. Giant pink; tall; showy.....	10	75	
ORIOLE . 3728. Bright yellow; long stems.....	10	75	
PARAQUETTE . 3729. Bright scarlet, white tip.....	10	75	
SNOWBIRD . 3730. Pure white.....	10	75	

Collection . 3731. One pkt. each of above 6 varieties for 50 cts.	Pkt.	Oz.	
Nanus albus . 3732. HA. White.....	\$0 05	\$0 50	
Tall Mixed . 3733.....	05	40	



Lobelia tenuior



Lupinus polyphyllus roseus

PERENNIAL LUPINS

	Pkt.
Arboreus. 3735. 4 feet. June to Sept. Yellow.....	\$0 15
Snow Queen. 3736. Pure white.....	15
Cruikshankii. 3750. Blue and yellow.....	10
Nootkatensis. 3755. 5 feet. June to Sept. Blue.....	25

ARBOREUS, NEW HYBRIDS

All delicately scented.

Bridesmaid. 3737. White and yellow, changing to rose. Pkt. 25 cts., 5 pkts. \$1.
Dorothy. 3738. Spikes 15 inches long, of clear blue-and-white flowers. Height 3 1/2 feet. Pkt. 30 cts., 4 pkts. \$1.
Irene. 3739. Beautiful spikes of primrose-yellow flowers, shaded rose; buds rose-colored. Pkt. 50 cts.
Milkmaid. 3740. White and primrose-yellow, changing to rose. Height 4 feet. Pkt. 30 cts., 4 pkts. \$1.
Primrose Dame. 3741. Long sprays of soft primrose-yellow flowers. Pkt. 25 cts., 5 pkts. \$1.
Seagull. 3742. Beautiful primrose-yellow. Pkt. 30 cts., 4 pkts. \$1.
Somerset. 3743. Long sprays of bright, pure yellow flowers. Height 4 feet. Pkt. 25 cts., 5 pkts. \$1.
Sunset. 3744. Flowers opening golden yellow, passing to bronzed-red; very free. Pkt. 25 cts., 5 pkts. \$1.
Yellow Gem. 3745. Fine, clear yellow; handsome. Pkt. 30 cts., 4 pkts. \$1.
Choice Mixed Hybrids. 3746. Pkt. 25 cts., 5 pkts. \$1.

POLYPHYLLUS aureus. 3760. Fine, clear yellow. Pkt. 50 cts.
Polyphyllus. 3761. HP. 4 feet. June to Sept. Blue. Pkt. 10 cts., 3 pkts. 25 cts.
Polyphyllus roseus. 3762. HP. Pink. (See illustration, page 60.) Pkt. 15 cts., 2 pkts. 25 cts.
Mixed. 3763. Pkt. 10 cts., 3 pkts. 25 cts.

POLYPHYLLUS, NEW HYBRIDS

Attraction. 3765. Long spikes of bright purple flowers, with white; very showy. Pkt. 30 cts., 4 pkts. \$1.
Blue Cloud. 3866. Long spikes of soft lavender-blue flowers, with upper petals shaded rose. Pkt. 30 cts., 4 pkts. \$1.
Chameleon. 3767. Spikes 1 1/2 to 2 feet long; flowers opening blue and yellow, and changing to blue and white. Pkt. 30 cts., 4 pkts. \$1.
Dainty. 3768. Spikes 2 feet long; flowers silvery white, changing to rose. Pkt. 50 cts.
Dusky Prince. 3769. Handsome, dark violet-purple. Pkt. 50 cts.
Eastern Queen. 3770. Flowers blush, shaded sky-blue, upper petals yellow, shot rose; very beautiful. Pkt. 30 cts., 4 pkts. \$1.
Enchantress. 3771. Flowers soft blue, upper petals shaded rose; pretty. Pkt. 25 cts., 5 pkts. \$1.
Excelsior. 3772. Long, handsome spike; flowers brilliant, rich mauve. Height 3 feet. Pkt. 30 cts., 4 pkts. \$1.
Glow-Worm. 3773. Flowers mauve and yellow, produced on long spikes. Pkt. 50 cts.
Lady Diana. 3774. Long spikes, flowers opening yellow, with deep blue keel, and then turning to white. Pkt. 30 cts., 4 pkts. \$1.
Nellie. 3775. Spikes 1 1/2 to 2 feet long; flowers white and rose; pretty. Pkt. 30 cts., 4 pkts. \$1.
Ophir. 3776. Flowers soft blue, with rose-lilac, upper petals changing to a purple-red. Pkt. 25 cts., 5 pkts. \$1.
Rosy Gem. 3777. Soft rose, passing to a deeper shade. Pkt. 30 cts., 4 pkts. \$1.
Southern Belle. 3778. Silvery upper petals opening white and changing to soft mauve. Pkt. 30 cts., 4 pkts. \$1.
Taplow Purple. 3779. Immense spikes of rich, glowing purple flowers; very handsome. Pkt. 50 cts.
The Bride. 3780. Soft primrose, shaded delicate rosy peach. Pkt. 30 cts., 4 pkts. \$1.
Yellow Boy. 3781. Long spikes of soft yellow flowers, shaded buff. Pkt. 30 cts., 4 pkts. \$1.
Zulu. 3782. Large spikes of very deep blue flowers. Pkt. 50 cts.
Choice Mixed New Hybrids. 3783. Pkt. 25 cts., 5 pkts. \$1.

LYCHNIS (Campion). HP. May and June.	Pkt.
Alpina. 3785. 2 1/2 feet. Rose.....	\$0 10
Chalcedonica. 3786. 2 1/2 feet. Scarlet.....	10
Fulgens. 3787. 2 1/2 feet. Red.....	10
Haageana Hybrids. 3788. 1 foot. Orange-scarlet.....	10
Haageana foliis atropurpureis. 3789. 1 foot. Orange-scarlet.....	10
Viscaria splendens. 3790. 1 1/2 feet. Deep pink.....	10

LYSIMACHIA Japonica (Creeping Jenny). 3795. HP. Summer. Yellow.....	Pkt. \$0 10
LYTHRUM roseum superbum. (Rose Loosestrife). 3800. HP. 3 1/2 feet. July to Sept.....	10
MALVA (Hollyhock Mallow). HP. 5 feet. July to Sept.	
Alcea. 3805. Pink.....	3 pkts. 25c... 10
Moschata. (Musk Mallow). 3806. Crimson.....	3 pkts. 25c... 10
Moschata flore-albo. 3807. White.....	3 pkts. 25c... 10

Marigold HA

AFRICAN VARIETIES

Stronger in growth and larger in flower than the French varieties. The dwarf sorts grow only about 18 inches high and bloom earlier than tall ones.

Delight of the Garden. 3810. Dwarf and large-flow-ered; lemon-yellow; double.....	Pkt. 4 pkts. \$0 05 \$0 15
Eldorado. 3811. Large, quilled, perfectly double; brilliant shades of yellow.....	05 15
Nugget of Gold. 3812. Golden yellow.....	05 15
Pride of the Garden. 3813. Rich yellow; dwarf and neat.....	05 15
Mixed Dwarf Double. 3814. 2 feet.....	05 15
Mixed Tall Double. 3815.	05 15
Collection. 3816. One pkt. each of the above 6 varieties, 25 cts.	

GOLD MEDAL STRAIN, AFRICAN

Customers desiring really good Marigolds should try these. They produce flowers intensely double, over 4 1/4 inches in diameter.

Lemon Queen. 3818. Lemon.....	Pkt. 3 pkts. \$0 25 \$0 60
Prince of Orange. 3819. Golden.....	25 60

FRENCH VARIETIES

Dwarf Striped. 3820. 1 1/2 feet. This and the next have flowers handsomely marked.....	Pkt. 4 pkts. \$0 05 \$0 15
Gold Striped. 3821. Rich and quaintly striped double flowers.....	05 15
Legion of Honor. 3822. Single golden yellow blooms marked with velvety red; very dwarf.....	05 15
Tall Orange. 3823. 1 foot. Yields an amazing number of charming orange-colored little blossoms.....	05 15
Dwarf Mixed Double. 3824.	05 15
Tall Mixed Double. 3825.	05 15
Collection. 3826. One pkt. each of the above 6 varieties, 25 cts.	

MARVEL OF PERU (Four o'Clock). 3830. HA. Finest mixed. Pkt. 5 cts., oz. 30 cts.

MATHIOLA bicornis (Night-scented Stock). 3835. HA. 1 foot. Pink and lilac. Pkt. 5 cts., oz. 50 cts.

MATRICARIA (Feverfew). HHP. Very useful for bedding and cutting. Pkt.

Capensis. 3840. Double white. 1 1/2 feet.....	\$0 10
Grandiflora. 3841. Double white. 1 1/2 feet.....	10
Golden Ball. 3842. Double yellow. 9 inches.....	25
Double White Tom Thumb. 3843. 6 inches.....	15
Double Yellow Tom Thumb. 3844. 6 inches.....	15

MAURANDYA. HHP. 10 feet. Rapid climber.	
Alba. 3850. White.....	25
Barlaiana. 3851. Deep violet.....	10
Mixed. 3852.	10

Meconopsis HP

Cambrica (Yellow Welsh Poppy). 3853. 1 foot. Pale yellow flowers.....	15
Integrifolia. 3854. Pure, rich yellow.....	3 pkts. \$1.25... 50
Wallichii (Blue Himalayan Poppy). 3855. 3 feet. A hardy perennial, with gracefully drooping pale blue flowers.....	50

IMPORTANT. Owing to the war, prohibition of export and difficulty of transport, we expect some shortages in our crops. All offers are therefore made subject to delays in delivery beyond our control. To secure your requirements, it is advisable to order early.



Mignonette

(Reseda) HA

This fragrant annual has long been one of the most popular garden flowers. By reselection we have obtained several new shades and greatly improved the growth of the existing kinds. The culture is easy; can be obtained in varieties suitable for in- and outdoors.

BODDINGTON'S MAJESTY.

3860. The finest of all the fancy varieties of Mignonette for winter forcing; an improvement on Allen's Defiance. Seed saved from select spikes under glass. We have received many testimonials in regard to this variety. ½pkt. 60c., pkt. \$1, ¼oz. \$1.50.

Allen's Defiance. 3861. 1½ feet. Very long spikes; very fragrant and fine for cutting. (Originator's stock.) Pkt. 25 cts., 3 pkts. 60 cts.

BISMARCK. 3862. New improved Machet, dwarf variety. Pkt. 10 cts., ¼oz. 75 cts.

Giant Pyramidal. 3863. 1½ ft. Pkt. 10 cts., oz. 75 cts.

GOLIATH. 3864. Plants of compact habit, with rich green foliage, the giant trusses of flowers being borne on erect, strong stems and surpassing all others in brilliancy of color. Pkt. 10 cts., 3 pkts. 25 cts.

Golden Queen. 3865. Spikes of golden yellow. Pkt. 10c., oz. 75c.

Large-flowering. 3866. Sweet-scented. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

Machet, Dwarf. 3867. Strong plants of pyramidal growth; long, broad spikes of deliciously scented red flowers. Pkt. 10 cts., oz. \$1.

Miles' Spiral. 3868. 1 foot. Pkt. 10 cts., oz. 75 cts.

New Giant Crimson. 3869. Giant crimson variety. (Pot-saved.) Pkt. 25 cts., ¼oz. 50 cts.

New York Market. 3870. Specially recommended for pot-culture. The spikes measure 15 to 20 inches long. Very fragrant, excellent for shipping. Pkt. 50 cts., 3 pkts. \$1.25.

Parson's White. 3871. Splendid spikes of whitish flowers; sweet-scented. Pkt. 10c., 3 pkts. 25c.

MIMULUS (Monkey Flower.) HHP. 1 foot.

Cardinalis. 3875. Tall; orange-scarlet. Pkt. 10 cts.

Cupreus, Prince Bismarck. 3876. Dwarf, compact habit,

very free-flowering; flowers deep crimson. Pkt. 25 cts.

Moschatus (Musk Plant). 3877. Invaluable for pot and Pkt. window-boxes. \$0 10

Tigrinus grandiflorus. 3878. Spotted; splendid mixture. 10

MINA Lobata. 3879. Half-hardy Mexican climbing annual. The buds are at first of a vivid red, but when fully expanded the flowers are of a creamy white shade. Height 10 to 20 feet. To procure the best results with this annual, the seed should be sown early. 10

Sanguinea. 3880. Brilliant blood-red flowers. 10

MOMORDICA Balsamina (Balsam Apple). 3882. HA. oz. 60c. 05

Charantia (Balsam Pear). 3883. oz. 60c. 05

MONARDA didyma (Oswego Tea, or Bee Balm). 3885. HHP. Pkt. 3 feet. July to Sept. Crimson. \$0 25

MUSA Ensete (Abyssinian Banana). 3887. HHP. Seeds germinate easily. One of the finest decorative plants. 100 seeds \$2. 25

Myosotis (Forget-Me-Not) HP

Very effective when grown in abundance, and planted in large masses. Sowing in June will produce flowers the following spring, and advantageous effects can be then obtained by mixing with bulbs.

Boddington's Pot. 3889. Forget-me-nots are delightful subjects for flowering indoors at Christmas. Sown in July and potted on, the strain we offer produces fine free-growing specimen plants. Pkt. 3 pkts. \$1.25. \$0 50

Alpestris. 3890. A pretty trailer with blue flowers. 3 pkts. 25c. 10

Alpestris elegantissima carminea. 3892. HP. Upright-growing Alpine Forget-me-not with bright carmine flowers, being the darkest of the red- or pink-flowered varieties. That this new Forget-me-not is perfectly distinct is proved by the color of the seed, which is dark gray instead of black. 5 pkts. \$1. 25

Alpestris, Eliza Fonrobert. 3894. Fine for cutting; sky-blue, with yellow eye. 3 pkts. 25c. 10

Alpestris, Royal Blue. 3896. Upright variety; flowers large, very deep blue; fine for pots. 3 pkts. 40c. 15

Alpestris, Victoria. 3897. Dwarf habit; sky-blue. 3 pkts. 25c. 10

Dissitiflora. 3898. Compact habit; exquisite blue. 3 pkts. 25c. 10

Oblongata perfecta. 3899. Flowers borne on long flower-spikes; very suitable for winter blooming. Sow in June outdoors and transplant into coldframes or greenhouses for later blooming. 3 pkts. 25c. 10

Palustris (True Forget-me-not). 3900. 3 pkts. 40c. 15

Palustris grandiflora. 3901. ½ foot. Spring. Deep blue. 15

Semperflorens. 3902. Blooms from spring till autumn. 15

Stricta rosea. 3903. 1 foot. Spring. Pink. 15

Ruth Fischer. 3904. Compact bushes, 12 inches in diameter, and literally covered with sprays of beautiful, heavenly blue Forget-me-not flowers. The individual spray is composed of from six to ten blooms, which are giants compared to the well-known flower. For edging in borders, or for a pot-plant, no finer blue flower has been in existence. This variety is absolutely hardy. 5 pkts. \$1. 25

MYRTUS communis (Common Myrtle). 3906. A handsome shrub, growing 3 to 10 feet high. 10



Myosotis alpestris (Forget-Me-Not), Victoria

NASTURTIIUM (Tropæolum) HA

When grown in large masses in the border they produce a brilliant effect. They commence to bloom in the late spring and continue profusely the whole season. All the varieties should be grown upon poor soil; this enables the flower to show above the foliage, while on rich soil, even though they flower abundantly, the flowers are hidden by the taller foliage. Water freely during the hot season

Dwarf, or Tom Thumb (*Tropæolum nanum*)

	Height, 1 foot	Pkt.	Oz.
Aurora. 3910. Yellow; veined.....		\$0 05	\$0 25
Beauty. 3911. Yellow and scarlet.....		05	25
Bronze. 3912. Very distinct and effective.....		05	25
Chameleon. 3913. Crimson, bronze and yellow.....		05	25
Cloth of Gold. 3914. Scarlet flowers; golden yellow leaves.....		05	25
Ceruleo-roseum. 3915. Bluish rose.....		05	25
Crimson. 3916.		05	25
Crystal Palace Gem. 3917. Yellow and carmine.....		05	25
Empress of India. 3918. Deep crimson; fine dark foliage.....		05	25
Golden King. 3919. Golden yellow.....		05	25
King of Tom Thumbs. 3920. Scarlet.....		05	25
King Theodore. 3921. Black, velvety.....		05	25
Lady Bird. 3922. Yellow and red.....		05	25
Prince Henry. 3923. Light yellow, marbled scarlet.....		05	25
Rose. 3924.		05	25
Ruby King. 3925. Dark red.....		05	25
Scarlet. 3926. Variegated foliage.....		05	25
Snow Queen. 3927. The flowers open sulphur-color, but soon change to pure white.....		05	25
Spotted. 3928.		05	25
Vesuvius. 3929. Salmon-red.....		05	25
White or Pearl. 3930.		05	25
Yellow. 3931.		05	25
Mixed. 3932.	¼lb. 45c., lb. \$1.50	05	15
LILLIPUT, Mixed. 3933. 6 inches.....		05	25
Queen of Tom Thumbs. (Variegated-leaved.) 3934. Scarlet.....		10	50
Queen of Tom Thumbs. (Variegated-leaved.) 3935. Yellow spotted.....		10	50
Queen of Tom Thumbs. (Variegated-leaved.) 3936. Mixed.....		10	50
Collection. 3937. One oz. each of 12 varieties, \$2.50.			
Collection. 3938. One pkt. each of 12 varieties, 50 cts.			
Collection. 3939. One pkt. each of 8 varieties, 35 cts.			

Tall, or Climbing (*Tropæolum majus*)

Besides their ordinary garden use for trailing over fences, trellises, stone walls, etc., these can also be grown as pot-plants for winter flowering, as screens, or as trailers for hanging-baskets and vases. Sow plenty of seeds in drills, and thin to 6 inches. They bloom most quickly and profusely in poor soil.

		Pkt.	Oz.
Chameleon. 3950. Various colors on same plant.....		\$0 05	\$0 20
Dark Crimson. 3951.		05	20
Edward Otto. 3952. Brownish lilac.....		05	20
Golden-leaved. 3953. Scarlet flowers.....		05	20
Hemisphericum. 3954. Orange.....		05	20
Jupiter. 3955. Giant-flowered; beautiful golden yellow.....		05	20
King Theodore. 3956. Dark red; extra fine.....		05	20
Orange. 3957.		05	20
Pearl. 3958. Whitish.....		05	20
Scarlet. 3959.		05	20
Scheuerianum, Spotted. 3960.		05	20
Scheuerianum, Striped. 3961.		05	20
Schillingi. 3962. Yellow, spotted.....		05	20
Schulzi. 3963. Darkest-leaved.....		05	20
Vesuvius. 3965. Fiery rose; fine.....		05	20
Yellow. 3966.		05	20
Fine Mixed. 3967.	¼lb. 45c., lb. \$1.50	05	15
Tall Queen, Crimson Beauty. (Variegated-leaved.) 3968. Crimson-scarlet.....		10	75
Tall Queen, Scarlet Beauty. (Variegated-leaved.) 3969.	2 pkts. 25c.	15	75
Tall Queen, Mixed. (Variegated-leaved.) 3970.		10	75
Collection. 3971. One oz. each of 12 varieties, \$2.50.			
Collection. 3972. One pkt. each of 12 varieties, 50 cts.			
Collection. 3973. One pkt. each of 8 varieties, 35 cts.			

Lobb's Nasturtiums (*Tropæolum Lobbianum*)

This class is remarkable for the intensely brilliant colors of its flowers, which are a trifle smaller than those of other sorts. In moderately rich soil they climb high and bloom brilliantly. Average height, 6 feet.

		Pkt.	Oz.
Asa Gray. 3975. Yellowish white.....		\$0 05	\$0 50
Black Prince. 3976. Darkest scarlet.....		05	50
Crown Prince of Prussia. 3977. Blood-red.....		05	50
Firefly. 3978. Dark scarlet.....		05	50
Geant des Batailles. 3979. Sulphur and red.....		05	50
Lilli Schmidt. 3980. Scarlet.....		05	50
Lucifer. 3981. Very dark scarlet.....		05	50
Madame Gunther Hybrids. 3982. Wide range of fine colors.....		05	50
Marguerite. 3983. Pale yellow, flushed blood-red.....		05	50
Primrose. 3984. Cream, with brown spots.....		05	50
Spitfire. 3985. Brilliant scarlet.....		05	50
Finest Mixture. 3986.		05	30

Collection. 3987. One pkt. each of 10 varieties, 40 cts.



Boddington's Quality Nasturtiums

SPECIAL OFFER { 1 oz. Nasturtium Tom Thumb, Mixed } **Mailed free for**
 { 1 oz. Nasturtium Tall, Mixed } **25 cts.**
No. 3988 { 1 pkt. Nasturtium Lobbianum, Mixed }



Nigella, Miss Jekyll

NEMESIA, Large-flowered. HHA. Free-flowering and bushy; splendid for massing. Pkt.

Carmine. 3990.....	\$0 25
Cream and White. 3991.....	25
Orange. 3992.....	25
Red. 3993.....	25
Scarlet. 3994.....	25
Striped. 3995.....	25

Collection. 3996. One pkt. each of the above 6 varieties, \$1.25.

DWARF VARIETIES. Fine for edgings and pot culture.

Blue Gem. 3997.....	50
White Gem. 3998.....	50

NERTERA depressa (Madderwort). 3999. GP. Extremely pretty for pot or rockery; dense tufts of foliage thickly studded with tiny scarlet berries..... 25

Nicotiana (Tobacco Plant)

Affinis (Tobacco Plant). 4000. HA. 3 feet. Clusters of long Pkt. white flowers; fragrant..... 3 pkts. 25c. \$0 10

Affinis, Choice Hybrids. 4001. Fine variety of bright colors; sweet-scented..... 15

Sanderæ. 4002. Bright carmine-red..... 10

NICOTIANA, continued

SANDERÆ HYBRIDS. They are perfectly hardy and will bloom in the open air all through the summer. Pkt.

Alba. 4005. White.....	\$0 10
Alba magnifica. 4006. Large white.....	10
Carmine. 4007. Red.....	10
Carnea. 4008. Flesh-color.....	10
Purpurea. 4009. Purple.....	10
Rosea. 4010. Rose.....	10
Rubra. 4011. Reddish purple.....	10
Violacea. 4012. Violet.....	10
Mixed. 4014.....	3 pkts. 25c. 10

Collection. 4013. One pkt. each of 8 varieties of Sanderæ Hybrids, 60 cts.

Nigella, Miss Jekyll (Love-in-a-Mist) 4020 HA

An abundance of long-stemmed flowers of a clear cornflower-blue, prettily set in slender foliage. The plants are extremely hardy, and an autumn sowing produces the best specimens for flowering the following summer. Height 18 in. (See illustration.) Pkt. 10 cts., 3 pkts. 25 cts.

Miss Jekyll, Pure White. 4021. HA. Stands out bold Pkt. against the green foliage and is a pretty contrast to the sky-blue of the original variety..... 6 pkts. \$1. 20

Finest Mixed. 4022..... 05

GENOTHERA (Evening Primrose). HP.

Fraseri. 4025. 1½ feet. June to Sept. Yellow.....	10
Fruticosa major. 4026. 2 feet. June to Aug. Golden yellow.....	10
Lamarkiana. 4027. 2 feet. June to Aug. Golden yellow.....	10
Missouriensis. 4028. 1 foot. Summer. Golden yellow.....	10
Rosea Mexicana. 4029. 1½ feet. Summer. Pink.....	20
Taraxacifolia. 4030. 1½ feet. Summer. White.....	10
Youngii. 4031. 2 feet. Summer. Yellow.....	25
Annual Varieties, Mixed. 4032.....	10

OXALIS. HHA. A charming annual; very showy for beds and rock-garden; height 6 inches.

Alba. 4035. White.....	10
Delicata. 4036. Pink.....	25
Rosea. 4037. Rosy.....	10
Tropaeoloides. 4038. Dark bronze foliage.....	10



Nicotiana affinis

PANSIES (HP) Boddington's Giants

Our Giant Pansy Seed during the past season gave unprecedented satisfaction. All the testimonials received mentioned specially the high grade of flowers—color, form, and size of the blossoms. This year, by adding improved types, intending customers can absolutely rely on a duplication of last season's success.

Sow seed in April, in light and well-moistened soil, improved by garden fertilizer, cow-manure, or bone meal, in flats. When the seedlings are large enough to handle, transplant to permanent position, which must be light, well sheltered, and away from trees or branches. If exhibition blooms are wanted, allow only one bloom to grow on each shoot; water freely. Can also be sown in July and August for the following spring; protection from frost is necessary.

Recent News Item:—"A proposal is on foot to make Pansy the national flower of the United States."

Boddington's Challenge. 4040. This Challenge mixture contains all the finest Giant strains of the leading Pansy specialists in the world—the Giant self-colors, the Giant striped and margined, and the Giant blotched—all carefully mixed in proportion. **25 cts. per half-packet, 50 cts. per packet, \$2.50 per quarter-ounce, \$4.25 per half-ounce, \$8 per ounce.**
Boddington's English Exhibition Mixed. 4041. This strain of Giant Pansies introduced three years ago has proved very satisfactory. Contains some very unusual colors and mark- Pkt. ¼oz. Oz.

ings	3 pkts. \$1.25..	\$o	50
Bugnot's Exhibition. 4042. Extra-choice flowers; large and plenty of light colors.....	25	\$3 75	\$13 50
Cassier's. 4043. A fine strain of large flowers..	25	2 50	8 00
Masterpiece (Frilled Pansies). 4044. Petals beautifully waved. Exquisite colors.....	25	3 50	12 00
Orchidæflora, or Orchid-flowered Pansy. 4045. Contains many beautiful shades of gorgeous colors.....	50	2 50	8 00
Sims' Gold Medal Mixture. 4046. This splendid mixture is the result of years of painstaking cultivating and selecting on the part of Mr. William Sims (renowned for Sweet Peas). Is undoubtedly the finest achievement in Pansy mixtures.....	3 pkts. \$2..	75	
Trimardeau. 4047. Mammoth flowering and in a good range of color.....	15	1 25	4 00
Triumph of the Giants. 4048. A superb mixture of exceedingly large and beautifully marked Pansies..	50	3 00	10 00
Bath's Empress. 4049. A well-known English mixture, consisting of giant-size fancy blooms, of great substance. Colors brilliant and varied. 3 pkts. \$2..	75		

Pansies in Separate Colors

	Pkt.	¼oz.	Oz.
ADONIS. 4051. Light blue, with white center.	\$o 25	\$2 00	\$7 50
ANDROMEDA. 4052. Rosy, with lavender tint.	25	1 75	6 50
BRIDESMAID. 4053. Giant flowers of rosy white, setting off strikingly the dark blotches of the center. A unique bloom.....	25	2 00	7 50
Canary Bird. 4054. A five-spotted yellow variety on yellow ground.....	25	2 00	7 50
EMPEROR FRANCIS JOSEPH. 4055. Pure white, violet spots.....	25	1 75	6 50
Emperor William. 4056. Ultramarine-blue....	25	1 50	5 00
Fire King. 4057. Brilliant red-yellow, with large brown eye.....	25	1 50	5 00
Golden Queen. 4058. Bright yellow, no eye... 25	2 00	7 50	
Golden Yellow. 4059. Yellow, brown eye.... 25	1 50	5 00	
Hydrangea-Rose. 4060. Very distinct..... 25	1 50	5 00	
King of the Blacks (Faust). 4061. Black..... 25	1 50	5 00	
Lord Beaconsfield. 4062. Deep purple-violet, top petals light blue..... 25	1 50	5 00	
Mme. Perret. 4063. Many fine shades of red.. 25	1 50	5 00	
MAUVE QUEEN. 4064. A delicate mauve Pansy, each of the lower three petals marked with a large blotch of distinct carmine..... 25	2 00	7 50	
PEACOCK. 4065. Beautiful vari-colored variety. 25	2 00	7 50	
President McKinley. 4066. Golden yellow, large dark blotch..... 25	2 00	7 00	
Prince Bismarck. 4067. Yellowish bronze.... 25	1 50	5 00	
Giant Pretiosa. 4068. Crimson-rose, white margin..... 50	1 75	6 00	
PSYCHE. 4069. Violet bordered white; beautifully waved petals..... 25	2 00	7 50	
Rosy Lilac. 4070. 25	1 50	5 00	
RUBY KING. 4071. Superb crimson and red shades..... 25	2 00	7 50	
SNOWFLAKE. 4072. Immense. Pure white... 25	2 00	7 50	
Snow Queen. 4073. White, center tinged yellow. 25	1 50	5 00	
Striped. 4074. 25	1 50	5 00	
VULCAN. 4075. Giant brilliant dark red, with five black blotches..... 25	1 75	6 50	
White. 4076. Violet spot..... 15	1 25	4 00	



Pansy, Boddington's Challenge



Papaver orientale (Oriental Poppy)

Papaver (Perennial Poppy) HP

Unequaled for permanent beds.

	Pkt.
Alpinum, Mixed. 4120. 1 foot. All colors. Summer.....	\$0 10
Bracteatum hybridum. 4125. 2½ feet. Red. Summer.....	10
Bracteatum Livermere. 4126. 2½ feet. Crimson. Summer.....	10
Involucratum maximum. 4128. 2½ feet. Red. Summer..	10

NUDICAULE (Iceland Poppy)

All Iceland Poppies may be treated as annuals if sown under glass in spring, and should be sown in the open ground in July for flowering the following spring.

	Pkt.	3 pkts.
Album. 4129. White.....	\$0 10	\$0 25
Coccineum. 4130. Scarlet.....	10	25
Croceum. 4131. Yellow.....	10	25
Mixed. 4132.....	10	25

ORIENTALE

Very hardy and early flowering.

Blush Queen. 4135. 3 feet. Pink. Summer.....	15
Brightness. 4136. 3 feet. Scarlet. Summer.....	15
Brilliant. 4137. 3 feet. Crimson. Summer.....	15
Colosseum. 4138. Brilliant deep scarlet; immense flowers, 7 to 7½ inches across.....	15
Goliath. 4139. 3 feet. Crimson. Midsummer.....	15
Grand Mogul. 4140. 3 feet. Crimson. Midsummer.....	15
Mammoth. 4141. Bright scarlet flowers, borne on 4-foot stems.....	15
Parkmanii. 4142. 3 feet. Scarlet. Midsummer.....	15
Prince of Orange. 4143. 3 feet. Orange. Midsummer.....	15
Royal Scarlet. 4144. 3 feet. Scarlet. Midsummer.....	15
Salmon Queen. 4145. 3 feet. Salmon. Midsummer.....	15
Trilby. 4146. 3 feet. Salmon. Midsummer.....	15
Mixed. 4147.....	¼oz. 75c. 10

Collection. 4148. One pkt. each of the above 12 Oriental Poppies, \$1.50
For Single and Double Annual and Shirley Poppies, see page 69

PASSIFLORA cærulea (Passion Flower). 4150. HP. An Pkt. elegant climber for walls..... \$0 10

Pentstemon (Beard Tongue) HHP

Highly ornamental plants, with an abundance of gloxinia-like blossoms.

Gloxinioides, Boddington's Hybrids. 4155. The Pkt. varieties

we offer are saved from large gloxinia-shaped flowers, comprising the most varied colors from white to deepest crimson, with intermediate shades of rose-pink and lavender. Seeds sown in heat during January or February will bloom the same season.

3 pkts. \$1.25. \$0 50
Boddington's Pink Shades. 4156. Exquisite shades of rose-pink and carmine, on white grounds only..... 3 pkts. \$2. 75

Sensation. 4157. It grows about 2 feet high, every branch being a spike of large gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc..... 5 pkts. \$1. 25

Barbatus Torreyi. 4158. A very free-flowering hardy Pentstemon, with long coral-like flowers..... 10

Digitalis. 4159. 3 feet. June to August. Pure white..... 10

Hartwegii grandiflorus. 4160. 3½ feet. Grand hybrids in mixture..... 10

Pubescens. 4161. 3 feet. June to August. Lavender..... 10

Pulehellus hybridus. 4162. Shades of lilac and red..... 10

(See also Chelone, page 49)

Pepper

Boddington's Bird's-Eye. 4165. HHA. This is a miniature Pepper, bearing a great profusion of scarlet berries well above the foliage.

This proves an invaluable plant for Christmas, and is easily grown..... 10

Celestial. 4166. Finest strain. One of the best plants for Christmas..... 10



Pentstemon gloxinioides, Boddington's Hybrids



Petunia, Boddington's Double Fringed and Single Century Prize

PETUNIAS HHA

The Petunia is popular because it is of easiest cultivation, blooms from early summer continuously until frost, and is one of the most showy and free-growing annuals. 1 to 1½ feet.

Double Varieties

Double Petunias are equally valuable for culture in the open ground or as pot-plants in the greenhouse. It is important to prick out the smallest seedlings as they usually give the finest double flowers.

Boddington's Double Fringed, Mixed. 4175. Pkt. O u r .
double Petunias have reached the highest standard of excellence, and may be confidently relied on to produce a large proportion of double flowers of exquisite beauty and great size..... ½pkt. 60c...\$1 00

Hybrida grandiflora fl.-pl. semifera. 4176. In the new
Petunia hybrida grandiflora fl.-pl. semifera is found a race which not only produces doubles to a high percentage (70 per cent) but gives every satisfaction as to size of the flowers.
3 pkts. \$2. 75

Double Fringed Rosea. 4177. This variety is of the giant double-flowering class of the Fringed Perfection type; color of the flowers a delightful soft pink and pink and white mottled. 1 00

Double Snowball. 4178. The finest double pure white. 1 00

Single Varieties

Care should be taken to give each plant sufficient room to branch, so as to form magnificent blooms like photo above.

Bar Harbor Beauty. 4180. The prettiest and the Pkt. most effective of all single Petunias; color a beautiful rose. Thousands of seedlings show not the slightest variation in color; on this account it is most effective for massing..... 5 pkts. \$1. ...\$0 25

Century Prize. 4182. Gigantic single flowers, having the edges deeply ruffled or fluted; fine substance, with deep white throats. Colors vary from pure white, through all shades of red, to dark purple-violet, many being beautifully striped or veined..... ½pkt. 60c... 1 00

Emperor. 4183. Large blossoms, distinct in form, coloring and marking. The solid colors are particularly rich and velvety, some of the crimson blossoms have pink stars, some pure white stars, while others are distinctly striped..... 50

Erskine Park Belle. 4184. This is a remarkably pretty Pkt. Petunia, raised by Mr. E. J. Norman, superintendent to Mrs. Alfred G. Vanderbilt. The color is deep rose-pink; flowers as large again as our Bar Harbor Beauty, and slightly frilled; an excellent variety for bedding or for borders, and if seed-pods are removed will bloom the whole summer. We can highly recommend it.
5 pkts. \$1. ...\$0 25

Howard's Star. 4185. Rich crimson, with a distinct white star in center..... 5 pkts. \$1. 25

Inimitable Dwarf Compact Hybrids, Single. 4186. Flowers blotched and striped..... 5 pkts. \$1. 25

King Alphonso. 4187. This fine Petunia of the Grandiflora superbissima class, bears very large, dark crimson flowers. The petals are boldly waved and frilled to such an extent that the widely opened, brilliant black throat of the flower is often almost concealed. A fine variety.... 3 pkts. \$1.25.. 50

Rainbow. 4188. This large-flowering single variety is of immense size, throats of intense yellow, lobes and fringe of rainbow colorings making a very attractive combination.
5 pkts. \$1. 25

Rheingold. 4189. Has very large flowers of noble shape, with widely opened throat, far up toward the outer margin, steeped with clear, bright golden yellow, untarnished by the usual net of dark veins, and which with the pure white margin makes a most marvelous effect. No lover of Petunias can afford to be without the "Rheingold"..... 3 pkts. \$1.25.. 50

Rosy Morn. 4190. Very much admired in massed beds, borders, and rockeries. Soft carmine-pink, with white eye.
5 pkts. \$1. 25

Ruffled Giants. 4191. A grand selection of single fringed Petunias in a bewildering combination of colors, some most beautifully veined and all handsomely ruffled..... 50

Snowstorm. 4192. Pure white, single. This variety comes true from seed..... 5 pkts. \$1. 25

Hybrida, Single Mixed. 4193..... 3 pkts. 25c... 10

PHACELIA campanularia. 4200. Very showy hardy annual, with bright blue, bell-shaped flowers. One of the earliest annuals to bloom, and lasts in perfection a long time. 9 in. 25



Boddington's Phlox Drummondii

	Pkt.	3 pkts.
Coccinea. 4210. Scarlet.....	\$0 10	\$0 25
Crimson. 4211.	10	25
Eclipse. 4212. Violet.....	10	25
Isabellina. 4213. Yellow.....	10	25
Kermesina, alba oculata. 4214. Vivid crimson, white eye.....	10	25
COLLECTION. 4221. One pkt. each of 12 varieties.....	\$1	00
COLLECTION. 4222. One pkt. each of 6 varieties.....		50

DWARF VARIETIES

Plants of this charming section grow only 6 or 8 inches high, and form dense masses of bloom all summer. Especially useful for beds, edgings, pots, etc.

Bunch of Roses. 4225. Very fine; pink and crimson. Pkt. 15 cts., 2 pkts. 25 cts.

Fireball. 4226. Bright flame-red. Pkt. 15 cts., 2 pkts. 25 cts.

Hortensiaeflora. 4227. Rose. Pkt. 15 cts., 2 pkts. 25 cts.

Snowball. 4228. Pure white. Pkt. 15 cts., 2 pkts. 25 cts.

Surprise. 4229. Brilliant vermilion, with pure white star center. Pkt. 15 cts., 2 pkts. 25 cts.

Dwarf Faney Mixed. 4230. Pkt. 10 cts., 2 pkts. 25 cts.

PHYSALIS Francheti (Chinese Lantern Plant, or Winter Cherry). 4235. HP. Very pretty red-podded plants. Pkt. 10 cts.

PHYSOSTEGIA (False Dragon Head). HP. 3½ feet. Pkt. **Speciosa. 4237.** Pink. Midsummer.....\$0 10
Speciosa alba. 4238. White. Midsummer..... 10

Pinks, Double HP

Homer (Hybrid Red Clove Carnation). 4240. Fine double; dark rose with crimson center..... 50
Mrs. Sinkins (Hybrid White Clove Carnation). 4241..... 50

Also see Carnation and Dianthus

PLATYCODON (Japanese Bellflower). See **Wahlenbergia** and **Campanula**.

POLEMONIUM (Jacob's Ladder). HP. 1 foot. Pkt.
Cæruleum album. 4251. White. June to Oct.....\$0 10
Cæruleum grandiflorum. 4252. Deep blue. June to Oct. 10
Richardsonii. 4253. Sky-blue. June and July..... 10

Polyanthus Primrose (Primula elatior) HP

Barr's Exhibition Crimson Varieties. 4255..... 6 pkts. \$1.. 20
Barr's Exhibition White Varieties. 4256..... 6 pkts. \$1.. 20
Barr's Exhibition Yellow Varieties. 4257..... 6 pkts. \$1.. 20
Giant Blue. 4258...... 15
Giant Crimson. 4259...... 15
Giant White. 4260...... 15
Giant Yellow. 4261...... 15
Gold-laced. 4262. 10 inches. Mixed. Spring..... 25
Munstead Giant Strain. 4264. Pale yellow to the richest and deepest orange, also pure whites with dark orange centers. 6 pkts. \$1.. 20
Finest English Mixed. 4265. 10 inches. Mixed. Spring.... 10
Primrose (Bunch-flowered Primrose). 4266. Mixed large-flowered bedding hybrids. Extra-choice strain..... 25

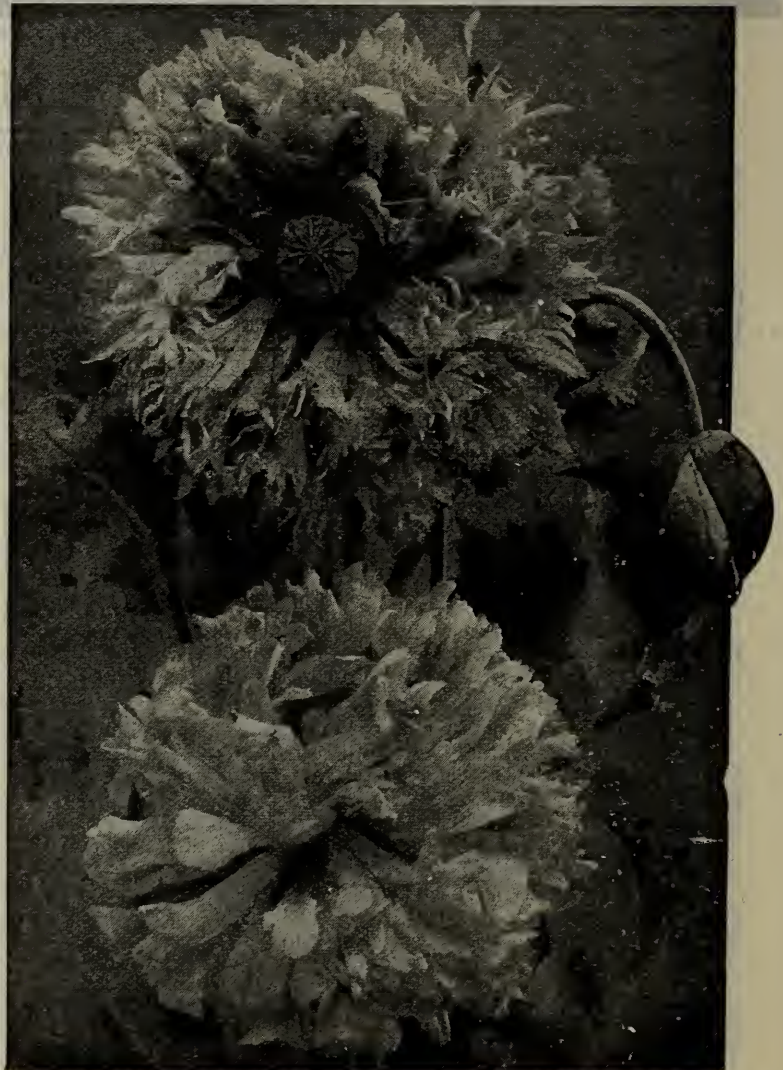
PHLOX decussata (Flame Flower). Pkt. 4205. HP. 3 feet. Newest hybrids. For best results should be sown as soon as gathered in the autumn. Supplied in mixture only. June to Aug.. \$0 25

Phlox Drummondii

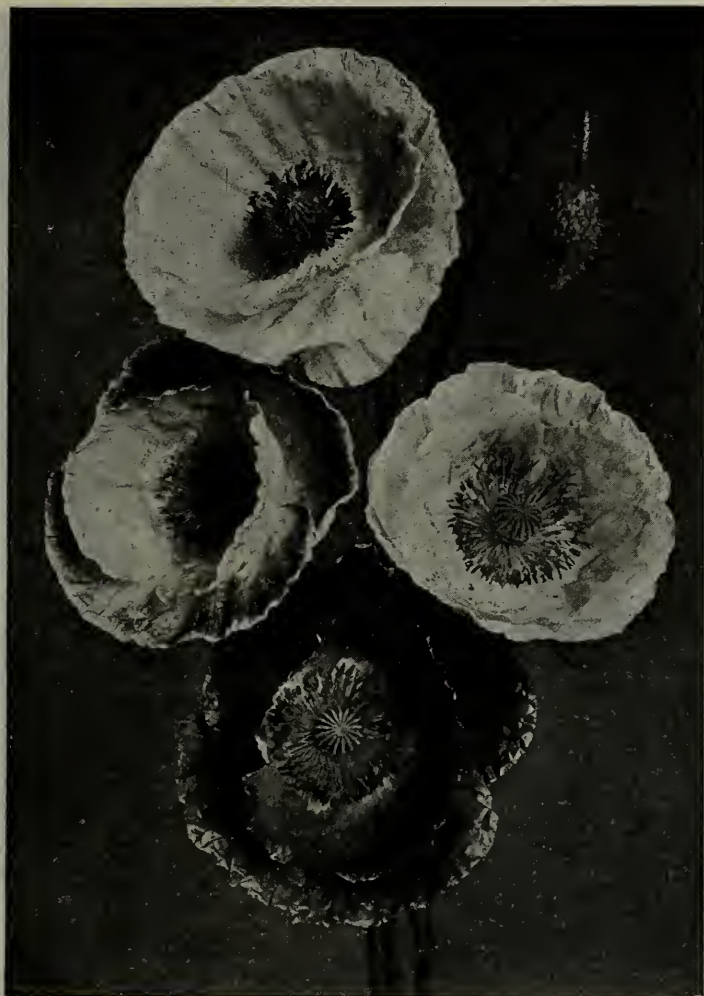
grandiflora HA. Height 18 inches.

For brilliant effect and continuous blooming in the flower-garden the Phlox cannot be surpassed. They should be sown outdoors in May, in a situation well open to the sun, and they will flower and be a mass of color in July and continue until late autumn. Seeds may be sown in a hotbed in March and flowers be had in June.

	Pkt.	3 pkts.
Alba. 4206. Pure white.....	\$0 10	\$0 25
Atropurpurea oculata. 4207. Purple, white eye.....	10	25
Chamois - Rose. 4209. Soft rose shade.....	10	25
Leopoldii. 4215. Scarlet, white eye.....	10	25
Rosea. 4216. Rose.....	10	25
Splendens. 4217. Scarlet....	10	25
Stellata splendens. 4218. Star-like crimson.....	10	25
Violet. 4219. Violet, white eye	10	25
Grandiflora, Mixed. 4220.	10	25



Carnation-flowered Poppy (see page 69)



Shirley Poppies

POPPIES HA

Annual Poppies will not stand transplanting; sow as early as possible, very thinly, preferably in cloudy weather. Barely cover the seeds and they will soon show above ground. Thin out to 4 inches apart for best results. Make several sowings to maintain succession of bloom. Be sure to plant some of the beautiful Shirley Poppies.

Single Varieties

Admiral Poppy. 4269. Brilliant scarlet and white. These two colors form an extremely telling contrast, similar to that seen in the variety Danebrog.....	3 pkts. 25c...	\$0 10	Pkt.	Oz.
Danebrog. 4270. Large flowers of brilliant scarlet, with a silver spot on each of the petals.....	05	\$0 25		
English Scarlet. 4271. The variety that grows in the "corn fields" of England.....	4 pkts. 15c...	05		
Flag of Truce. 4272. 2 feet. Large satiny white flowers 3 to 4 inches across; extremely handsome.....	05	35		
The Tulip. 4274. (Glaucum.) This variety grows about 1 foot in height and closely resembles a Duc Van Thol Tulip.....	05	50		
Umbrosum. 4275. Vermilion, with shining black spot on each petal.....	05	25		
Fine Annual Single Mixed. 4276. Brilliant colors.....	05	20		

Shirley Poppies, Single

Brilliant, dazzling colorings and wonderful variety; very effective for display in the garden or for cut-flowers. Shirley Poppies can be sown in the late summer for fall flowering being very effective at that season of the year, and fully repaying any trouble.

Apricot-White. 4280.....	\$0 15	Pkt.
Carmine-Crimson. 4281.....	15	

SHIRLEY POPPIES, continued

Deep Apricot. 4282.....	\$0 15	Pkt.
Deep Pink. 4283.....	15	
Deep Scarlet, Cream Base. 4284.....	15	
Orange-Pink and White. 4285.....	15	
Orange-Pink, White Center. 4286.....	15	
Orange-Scarlet, White Center. 4287.....	15	
Pure White. 4288.....	15	
Rosy Pink, Frilled Edge. 4289.....	15	
Rosy Pink, White-edged. 4290.....	15	
Rosy Scarlet, White Base. 4291.....	15	
White, Pink-edged. 4292.....	15	
White, Shaded Pink. 4293.....	15	
White, Salmon-Pink Edge. 4294.....	15	
Finest Mixed. 4297.....oz. 50 cts., ¼lb. \$1.75	05	
Collection. 4295. One pkt. each of above 15 varieties, \$2		
Collection. 4296. One pkt. each of 8 varieties, \$1.25		

Double Varieties

American Flag. 4300. These are robust growers, about 2 feet high, well branched, bearing freely large flowers; a pure white ground, margined dark orange-scarlet... \$0 05	\$0 50	Pkt.	Oz.
Cardinal. 4301. Dwarf. Rich cardinal-scarlet; fringed..	05	35	
Carnation-flowered. 4302. 2 feet. Flowers round, very double and with finely fringed petals. Finest mixed...	05	30	
Chamoise. 4303. Delicate rose.....	05	35	
Japanese Pomponne. 4304. Very free-blooming; small flowers the size of the Pomponne Dahlia... ¼oz. 50c...	05		
Peony-flowered. 4305. 2 feet. Finest mixed.....	05	20	
Ranunculus, or French. 4306. Choice mixed.....	05	25	

Ranunculus, Salmon Shades. 4307. Range from the most delicate light salmon-rose to brilliant salmon-orange, and present a most delightful effect..... 6 pkts. \$1..	20		
Rosy Pink. 4308. Pretty pink.....	05	35	
The Mikado. 4309. The petals are cut and fringed; pure white at the back, fringed edges brilliant scarlet.....	05	35	
White Swan. 4310. Pure double white flowers; beautifully fringed.....	05	35	
Collection. 4311. One pkt. each of above 11 varieties, 50 cts.			

ICELAND, ORIENTAL and other HARDY POPPIES. See Papaver.

Portulaca (Sun Plant) HA

Very effective hardy annual, of easy culture, thriving best in rich light or sandy soil, in an exposed sunny position. Height, 6 inches.

Fine Mixed, Single. 4315.....	\$0 05	\$0 20	Pkt.	¼oz.
Fine Mixed, Double. 4316.....	10	1 00		



Single Portulacas



Primula Sinensis, Boddington's Matchless Giant Pure White

PRIMULA SINENSIS, Boddington's Matchless

Our *Primula Sinensis* seed has been specially grown for us by the most celebrated English Primula specialist. The flowers are remarkable, not only for size, beauty and brilliancy of the colors, but for the great substance of the petals. Considerable care is necessary in order to secure the successful germination of the seed of the choice kinds of *P. Sinensis*. The most suitable periods for sowing are January to May for autumn, and June to August for spring blooming. Shallow pans, well drained, are the best, the soil consisting of sandy loam and leaf-mold, worked through a fine sieve; the pans when thus prepared, should be well watered before the seed is sown. Only a slight covering of soil or sand is needed. What has most to be guarded against is drought; the soil should be kept in as equal a degree of moisture as possible, never being on the dry side. We attribute more failures to this cause than to any other. Just at the time when the seed commences to germinate the least departure from this is fatal.

Single Varieties

	½pkt.	Pkt.
Blush-White. 4320. Blooms of great substance.....	\$0 60	\$1 00
Duchess. 4326. Large, pure white flowers, with zone of bright rosy carmine, surrounding a clear yellow eye....	60	1 00
Giant Art Shades. 4327. A delightful assortment of esthetic colors.....	60	1 00
Orange King. 4329. Orange-salmon, edged terra-cotta..	60	1 00
Queen Alexandra. 4330. Petals very solid and erect; robust foliage, with red stems. Large, pure white.....	60	1 00
Rose. 4331. Very fine rich color.....	60	1 00
Royal Blue. 4332. Rich dark blue; of large size.....	60	1 00
Scarlet. 4335. Blooms large, beautifully fimbriated...	60	1 00

	½pkt.	Pkt.
Sutton's Coral-Pink. 4340. The name describes it; habit dwarf and compact.....		\$1 25
Pure White. 4338. Blooms large, erect and free-flowering.....	\$0 60	1 00
Matchless Single Mixed. 4339. This selection includes all the finest Giant Single Primulas.....	60	1 00

Double Varieties

	Pkt.
Blue. 4345.	\$1 00
Crimson. 4346.	1 00
Pink. 4347.	1 00
Scarlet. 4348. Superb.....	1 00
White. 4349.	1 00
Matchless Double Mixed. 4350.	½pkt. 60c... 1 00

PRIMULA STELLATA (Sinensis)

We offer a greatly improved strain, saved from named varieties only. They make excellent pot-plants for decorative purposes.

	½pkt.	Pkt.
Blue Star. 4355. Heavenly blue.....	\$0 60	\$1 00
Pink Star. 4356. Soft pink.....	60	1 00
Purple Star. 4357. Rosy purple.....	60	1 00
Red Star. 4358. Intense carmine-red.....	60	1 00
Salmon Star. 4359. Deep salmon.....	60	1 00
White Star. 4360. Pure white.....	60	1 00
Star, Choicest Mixture. 4361.....	60	1 00
Giant Double Crimson Star. 4362.....	60	1 00
New Hybrid, Queen of Roses. 4365. Pretty hybrid of <i>Primula obconica</i> and <i>P. stellata</i> , producing shapely heads of large, beautiful, bright rose-colored flowers, remaining decorative for a long time. 1 foot.....	60	1 00

PRIMULA OBCONICA GIGANTEA

The following varieties are vast improvements on the old type of *P. obconica*. Being freer flowering and of sturdier habit, it is one of the most useful Primulas for pot culture or for the open border during the summer months. To obtain good plants for winter and early spring flowering, the seed should be sown in warmth the previous April or May, and wintered in a cool greenhouse or frame.

	Pkt.	3 pkts.
Alba. 4370. Free-blooming; pure white.....	\$0 50	\$1 25
Kermesina. 4371. Beautiful crimson shades.....	50	1 25
Lilacina. 4372. Beautiful lilac.....	50	1 25
Rosea. 4373. Lovely rose.....	50	1 25
Primula obconica gigantea grandiflora. 4374. Mixed varieties, containing pure white to deep crimson.....	50	1 25

Grandiflora striata. 4375. The large, nicely formed flowers of this variety are striped carmine and pink, on lilac ground, a striking combination..... 50 1 25

Primula malacoides (The Giant Baby Primrose). **4386.** HHP. The plants branch very freely. The flowers, which are ¾ inch wide, are of a pretty light lilac, and are borne in whorls on long stems. If grown in a greenhouse, can be had in bloom in four months after sowing..... 50 1 25

Malacoides alba. 4385. The white variety of the foregoing species and a great acquisition; very chaste and beautiful as a plant or cut-flower..... 50 1 25

Malacoides rosea. 4387. The flowers vary in color from light rose to brightest carmine-rose..... 50 1 25

Malacoides superba. (Deep Rosy Pink.) 4388. A great improvement.... 50 1 25

PRIMULAS, HALF HARDY HHP

Forbesi (Baby Primrose). **4400.** Rosy mauve..... \$0 25
Floribunda grandiflora (Buttercup). **4401.** Small, yellow flowers borne in great profusion; fine for pots..... 25

Kewensis (Giant Buttercup). 4402. This plant is a strong grower, with bright green leaves and numerous erect flower-scapes, 10 to 18 inches in height, producing flowers in whorls at intervals along their whole length. The flowers are fragrant, bright yellow in color, with a slender tube and spreading limb nearly an inch in diameter..... ½pkt. 60c... 1 00

Kewensis, var. Farinosa. (Veitch.) 4403. The stems and foliage, being elegantly covered with a silvery white powder, make it a most charming and effective variety. Yellow flowers. 75

PRIMULA, HARDY

Hardy Primulas are most suitable plants for rock and alpine gardens. The family is now so large that it is possible to have the different species in flower almost six months of the year.

	Pkt.
Acaulis. 4405. Finest large-flowered. Dark yellow.....	\$0 10
Auricula. 4407. Mixed.....	25
Cortusoides amoena (Sieboldii). 4409. Deep pink.....	25
Denticulata. 4410. Lavender.....	15
Denticulata alba. 4411. White.....	15
Elatior. 4412. Yellow.....	10
Japonica. 4414. Pure white.....	15
Pulverulenta. 4415. Deep purple-maroon.....	75
Rosea. 4416. Rose.....	15



Primula obconica gigantea

Veitchii. 4418. A fine species introduced from western China, where it occurs at elevations of from 8,000 to 10,000 feet, on cliffs and dry banks, approaching the well-known *Primula cortusoides* in foliage and habit, but a finer and more robust species. The flowers, produced in an umbel of ten to twenty blooms, terminating in a scape some 12 to 14 inches high, are about an inch in diameter, of deep rose-color with an orange ring surrounding the yellow mouth of the tube..... \$0 75
Veris aurea. 4419. Yellow..... 25
Vulgaris (English Primrose). **4420.** Yellow..... 10
Inglescombe. 4421. A fine, selected strain of true Primrose. 6 pkts. \$1.. 20

For other hardy Primulas, see Polyanthus

PUERARIA Thunbergiana (Kudzu Vine). **4425.** HP. Very strong, hardy climber, making immense growth during the summer months. Grown chiefly for its foliage, which is very dense; quickly covers latticework or verandas, etc.... 10

Pyrethrum HHP

ORNAMENTAL FOLIAGE VARIETIES

An exceedingly ornamental dwarf-growing yellow foliage plant, for edging and ribbon beds.
Aureum (Golden Feather). **4430.** 1 foot. Bright yellow foliage; fine for bedding..... 3 pkts. 25c... \$0 10
Golden Moss. 4431. Intensely curled and crested; the most suitable for carpet bedding..... 25
Selaginoides. 4432. Foliage bright golden yellow, finely serrated; compact habit; fine for bedding..... 3 pkts. 25c... 10

FLOWERING VARIETIES

Comet-flowered. 4433. The flowers are large—2 to 3 inches across—either single or semi-double, and of the most bizarre form, the petals being rolled, twisted or sometimes tangled together..... 6 pkts. \$1.. 20
Roseum. 4434. Single red Pyrethrum..... 10
Uliginosum. 4435. White daisy-like flowers; very floriferous. 10
Hybridum fl.-pl. 4436. Double Pyrethrum. Beautiful aster-like flowers. All colors, from pure white to deep crimson..... 25
Choice Single Mixed. 4437..... 15

Rehmannia angulata

HHP 4440

The flowers, which are freely produced on the upper third of the branches, resemble individually those of *Incarvillea Delavayi*; they are 3 inches in diameter; rose-purple in color, with a rich yellow throat spotted with purple. The plants are of easy culture, and flower within nine months from the time of sowing the seed. Pkt. 25 cts., 5 pkts. \$1.

Angulata hybrida. 4441. The flowers are tigered and spotted and present a variety of coloring which will increase the popularity of this valuable plant. Pkt. 25 cts., 5 pkts. \$1.

Angulata, Pink Perfection.

4442. The large flowers, resembling those of the *Incarvillea*, are of a clear bright pink color, with a distinct pale throat, the markings of which vary considerably. Pkt. 35 cts., 3 pkts. \$1.

Rhodanthe HA

(Straw Flower)

A little-known plant, but very largely grown for the London Covent Garden Plant Market. Sow in 5- or 6-inch pots, and thin out to about ten plants. An intermediate temperature is all it requires. A most beautiful and attractive plant; pink and white; equally good for summer beds or borders, outside.

Maculata. 4445. Bright pink with crimson circle. Pkt. 5c., 4 pkts. 15c.

Maculata alba. 4446. Pure white; very beautiful. Pkt. 5 cts., 4 pkts. 15 cts.

Manglesii. 4447. Brilliant rose. Pkt. 5 cts., 4 pkts. 15 cts.

Finest Mixed. 4448. Pkt. 5 cts., 4 pkts. 15 cts.

Ricinus (Castor-Oil Bean) HA

From seed they quickly attain gigantic proportions, and are ornamental till destroyed by frost.

Borboniensis arboreus. 4450. 15 feet. Large and handsome green foliage. Pkt. 05 \$0 15 Oz.

Cambodgensis. 4451. 5 feet. Red-maroon. 05 25

Communis (Castor-oil Plant). 4452. 6 feet. Large, green foliage. 05 20

Gibsonii. 4453. 6 feet. Dark purplish red foliage. 05 20

Laciniatus. 4454. Light green, deeply cut foliage. 25

Sanguineus tricolor. 4455. 10 feet. Red-spotted fruit in clusters; red foliage. 05 20

Finest Mixed Varieties. 4456. 05 15

Zanzibarensis. The following are very distinct types of *R. Zanzibarensis*; handsome foliage, with distinct midribs.

Cinascens. 4457. 05 25

Maculatus. 4458. 05 25

Niger. 4459. 05 25

Roseus. 4460. 05 25

Mixed. 4461. From East Africa, enormous leaves, varying from light green to purplish red. 05 15

Collection. 4462. One pkt. each of 4 Zanzibarensis varieties, 15 cts.

ROCKET, SWEET. See *Hesperis*.

ROMNEYA Coulteri. 4465. HHP. Large white California Poppy. 3 pkts. 25c. \$0 10

RUDBECKIA (Texas Coneflower). These robust-growing plants are becoming very popular for the border. They are of very easy culture and produce showy flowers during summer and autumn.

Bicolor superba. 4470. HA. 1½ feet. Bright yellow with Pkt. black-purple center. \$0 10

Fulgida. 4471. HP. Small yellow flowers; very free. 10

Laciniata. 4472. HP. 3 to 5 feet. Yellow. 15

Newmanii. 4473. HP. 2 feet. Golden yellow with velvety maroon center cone. 15

Purpurea. (Echinacea.) 4474. HP. Hardy purple sunflower 15



Salpiglossis grandiflora, Tall Mixed

Saintpaulia Ionantha

(African Violet) HHP 4480

An interesting plant for greenhouse cultivation. The leaves, which are dark green, spread themselves laterally just over the soil, and form, as it were, a rosette, in the center of which springs up quite a bouquet of flowers, violet-like both in color and shape, 1¼ inches in diameter, and gracefully borne on stalks 2 to 3 inches high. Pkt. 50c., 3 pkts. \$1.25.

Salpiglossis

(Painted Tongue) HHA

This fascinating annual becomes more popular every year. The strains we offer are all of the large-flowering type and contain some wonderful colors and markings. Cannot be excelled for bedding in July and August. Height, 2 feet. Seed may be sown outdoors as soon as danger of frost is past or earlier in a hotbed or sunny window. Plant outdoors in May.

Grandiflora superbissima.

Aurea. 4485. Golden Pkt. 2 pkts. yellow.....\$0 15 \$0 25

Brilliant Crimson. 4486. 15 25

Brown with Gold. 4487. 15 25

Chamoise. 4488. Light pink..... 15 25

Coccinea. 4489. Scarlet. 15 25

Light Blue. 4490...... 15 25

Purplish Violet. 4491.... 15 25

Rose. 4492...... 15 25

Mixed. 4493...... 10 25

Emperor, Mixed. 4494. Forms one leading stem, and bears on its summit a bouquet of beautiful flowers, each veined with gold..... 10

Collection. 4497. One pkt. each of 8 varieties, \$1

ORCHID-FLOWERED, MIXED. 4495

A superior strain with large, veined, funnel-shaped flowers, much prized for cutting; very showy in beds or borders. Height 3 feet. Finest mixed, pkt. 25 cts., 5 pkts. \$1.

Grandiflora, Dwarf Mixed. 4496. Pkt. 10 cts.

Salvia (Scarlet Sage) HHP 2 ft.

Magnificent bedding plants of the most brilliant and effective character. Laden with scarlet spikes, a bed forms a beautiful and highly attractive object. Sow early in hotbed or sunny window and plant out in May. Sown outdoors in May will flower from August on.

Splendens. 4500. Bright scarlet spikes, varying from Pkt. ¼oz. 16 to 24 inches in length. \$0 10 \$1 25

Splendens aucubæfolia (Silverspot). 4501. Dark green leaves, with light sulphur spots, resembling an aucuba; bright scarlet flowers. 3 pkts. 25c. 10

Splendens, Ball of Fire. 4502. Very dwarf and early. Varies from dark scarlet to blood-red. A well-known and popular hybrid. 10 2 00

Splendens carminea. 4503. Splendid rose-carmine. 25

Splendens, Clara Bedman (Bonfire). 4504. 1½ feet. The spikes stand out stiff and erect, while they bear from twenty to thirty flowers each. 10 1 75

Splendens gigantea. 4505. Attains the enormous height of 7 feet. 2 pkts. 25c. 15

Splendens, Little Lord Fauntleroy. 4506. Neat and compact, growing upright and free flowering. 15

Splendens, Miniature. 4507. Early; dwarf; 12 inches; very free-flowering, covered the whole summer with large flower-spikes of rich scarlet. 25

Should you receive two copies of this catalogue, we would esteem it a great favor if you would kindly pass one to a friend.



Salvia, Zurich

SALVIA, continued

- Splendens nana compacta, Triumph of Italy. 4508.** The novelty is its unique color which is a splendid vivid rose-lilac. An excellent bedding variety..... 3 pkts \$1. \$0 35
- Splendens pendula. 4509.** Drooping spikes. Very large, drooping spikes of brilliant scarlet flowers..... 25
- Pittieri. 4510.** It forms well-branched and compact-growing bushes of about 3 feet high, and stands all the summer in full bloom. The flowers of a vivid cochineal-red, standing on dark, rather bluish hued stems, and even the cups in which the yet unopened flowers stand are quite dark... 4 pkts. 50c... 15
- Zurich. 4511.** A compact, very early and very free-flowering variety, 12 inches in height, with erect spikes covered with a mass of the most brilliant scarlet flowers. It commences to bloom early in June, and continues to make a grand display throughout the autumn..... 5 pkts. \$1.. 25
- Patens. 4512.** GP. Rich, deep blue; fragrant..... 25
- Patens compacta nana. 4513.** The very robust-growing plants are extremely free-flowering. If sown early under glass, the plants, which grow to a height of 18 inches; begin to bloom in early July. Navy blue..... 3 pkts. \$1.. 35
- Turkestanica. 4515.** HHP. White and light pink. 3 feet 2 pkts. 25c... 15
- SANVITALIA.** 6 inches. Half-hardy annuals of a very free-flowering character. The flowers are bright yellow color, with a dark disk.
- Procumbens. 4520.** Single yellow flowers with dark center. 10
- Procumbens fl.-pl. 4521.** Double bright yellow flowers... 10
- SAPONARIA (Soapwort). HP. ¾foot. Midsummer. 10**
- Ocymoides. 4525.** Rose..... 10
- Ocymoides splendens. 4526.** Crimson..... 10
- SAXIFRAGA (Megasea) Megasea Hybrids. 4528.** HP. 1 foot. Pink. Spring. Large-flowering..... 25

Scabious HA

Mourning Bride, Sweet Scabious, Pin-Cushion Flower, Egyptian Rose, Etc.

A very showy, free-flowering plant, producing a great profusion of beautiful and richly colored flowers. The tall varieties are especially useful as cut-flowers. Seed can be sown in the spring any time after danger of frost is past. They grow about 2½ feet high, bloom early in July, and continue without interruption until frost.

- | | | |
|--|--------|---------|
| | Pkt. | 4 pkts. |
| Tall Double Black-Purple. 4530. | \$0 05 | \$0 15 |
| Brick-Red. 4531. | 05 | 15 |
| Cherry-Red. 4532. | 05 | 15 |

SCABIOUS, continued

- | | | |
|--|--------|--------|
| Tall Double Cherry-Red and White. 4533. | \$0 05 | \$0 15 |
| Fire King. 4534. | 05 | 15 |
| Flesh Color. 4535. | 05 | 15 |
| Lilac. 4536. | 05 | 15 |
| Pompadour. 4537. | 05 | 15 |
| Rose. 4538. | 05 | 15 |
| The Fairy. 4539. | 05 | 15 |
| Snowball. 4540. | 05 | 15 |
| White and Lilac. 4541. | 05 | 15 |
| Mixed. 4543. | 05 | 15 |

The Bride. 4542. The flower-heads of large size, of the purest snow-white, are borne on long, wire-like stems nearly a foot in length, and thus lend themselves to all floral work as well as to floral decoration..... 3 pkts. 25c... 10

- Collection. 4544. One pkt. each of 6 varieties, 25 cts.
Collection. 4546. One pkt. each of 12 varieties, 50 cts.

- | | | |
|--|--------|----|
| Dwarf Double Mixed. 4547. | \$0 05 | 15 |
|--|--------|----|

PERENNIAL VARIETIES

- Caucasica. 4548.** 2 feet. Magnificent hardy perennial, with beautiful, large, light blue flowers..... Pkt. \$0 15
- Caucasica perfecta. 4549.** Darker than the type, with white center; showy..... 25
- Caucasica perfecta alba. 4550.** A splendid large flower; pure white; grand for cutting 25
- Japonica. 4551.** 2 feet. Lilac. Summer..... 25



Boddington's Quality Scabious



One of the best Stocks in cultivation, Queen Alexandra
(see page 75)

Schizanthus (Butterfly Flower) HA 1½ ft.

Elegant free-flowering, hardy annuals for the garden in summer or for pot culture in the greenhouse during winter.

GRANDIFLORUS BODDINGTONII, Boddington's Select Pkt. Hybrids. 4555. Plants exhibited by A. Lewisoohn, Esq. (John Canning, Supt.) at the great International Flower Show, New York City, were awarded First Prize and a Silver Medal. This strain is superior to any of the Schizanthus in cultivation; the flowers are much larger, better shaped, and the colors show a wide range, including shades of yellow, apricot, pink, salmon, carmine, crimson, mauve and purple, in various markings and combinations. In habit, the plants are very dwarf and bushy, and the flowers invaluable for cutting. 3 pkts. \$2. . \$0 75

Compact Picotee-edged. 4556. Dwarf variety with full white flowers showing a distinct band of pink on the edge. Height 18 inches. 3 pkts. \$2. . 75

Pink and White Shades. 4557. Dainty mixture of pink and white varieties. Does equally well in- or outdoors. Height 15 inches. 3 pkts. \$1.50. . 60

WISETONENSIS. 4558. The colors are varied, ranging from white with yellow center to pink with brown center. Most useful as a winter plant, and should be given a place in every greenhouse. 3 pkts. \$1.25. . 50

Pinnatus, Mixed. 4559. Excellent for greenhouse or outdoor decoration; large flowers, beautifully spotted. 10

Retusus, Mixed. 4560. A mixture of all the most showy varieties. 10

SEDUM caeruleum (Blue Annual Stonecrop). 4565. 3 inches. A useful plant for rockwork, edgings, stone walls or dry situations. 10

Senecio (Jacobæa)

Abrotanifolius aurantiacus (Groundsel). 4570. HP. 1 foot. Pkt. Purple. Summer. \$0 10

Clivorum. 4571. HP. Rich orange-yellow flowers. It is quite hardy, and remains in bloom from five to six weeks during July and August. Height, 4 to 5 feet. 10

Elegans, Double Mixed. 4572. HA. Profuse-blooming hardy annuals with showy double flowers. Height, 9 inches. 10

Tanguticus. 4573. Yellow flowers. A useful plant for the wild garden. 25

SENSITIVE PLANT (Mimosa pudica). 4575. HHA. 1 foot. The leaves, when touched, instantly fold up 10

SHAMROCK (True Irish). 4580. Small-leaved Shamrock. ¼oz. 4oc 10

SILENE (Catchfly). Free-blooming plants of easiest cultivation.

Armeria. 4585. HA. Mixed colors. 4 pkts. 15c. . 05

Pendula. 4586. 6 inches. Dwarf rose. 4 pkts. 15c. . 05

Pendula. 4587. 6 inches. Dwarf white. 4 pkts. 15c. . 05

SMILAX. 4595. GP. ¼oz. 20c. . 10
Medeola asparagoides myrtifolia. 4596. Baby Smilax for light effect. 50

SOLANUM (Jerusalem Cherry). HHP.

Arboreum. 4597. Very handsome large foliage; fine for bedding. 10

Capsicastrum. 4598. Covent Garden Strain. Upright; covered with scarlet berries during winter. 10

Capsicastrum Melvinii. 4599. A very bushy, compact plant, 12 to 15 inches high, covered with brilliant scarlet, conical-shaped berries about ½-inch in diameter. Sown in January or February will produce fine specimen plants full of fruit for the holidays. 6 pkts. \$1. . 20

Pyracanthum. 4600. Very spiny; handsome foliage; grand for semi-tropical bedding; grows 3 to 4 feet. 10

STATICE (Sea Lavender). HP. D deservedly increasing in popularity. Statice keeps in bloom for a long season and lasts well when cut. The light and graceful flowers are very effective when mixed with Helichrysum, etc.

Incana hybrida. 4605. 4 inches. Violet. June to Sept. 10

Incana hybrida alba. 4606. 18 inches. White. June to Sept. 10

Latifolia. 4608. 2 feet. Blue. June to Sept. 10

Sinensis. 4609. 16 inches. Yellow. June to Sept. 10

Suworowii. 4610. 18 inches. Rose. June to Sept. 10

Suworowii alba. 4611. Growth dwarf and compact, with long, candelabra-shaped sprays of pure white flowers, produced in great profusion. 4 pkts. \$1. . 30

STEVIA serrata. 4615. GP. 2 feet. Pure white; very fine. Produces very graceful sprays of tiny flowers; exceedingly valuable for cutting. 3 pkts. 25c. . 10

STOCKS HHA

Summer-Flowering Varieties

The following varieties sown in the spring will bloom during the summer and autumn.

LARGE-FLOWERING TEN-WEEKS.		Pkt.	2 pkts.
Brilliant Rose. 4620.....	\$0 15	\$0 25	
Canary-Yellow. 4621.....	15	25	
Crimson. 4622.....	15	25	
Dark Blood-Red. 4623.....	15	25	
Dark Purple. 4624.....	15	25	
Dark Violet-Blue. 4625.....	15	25	
Flesh Color. 4626.....	15	25	
Light Blue. 4627.....	15	25	
Scarlet. 4628.....	15	25	
Snow-White. 4629.....	15	25	
Fine Mixed. 4630.....	3 pkts. 25c.	10	

Collection. 4635. One pkt. each of above 10 varieties, \$1.25
 Collection. 4636. One pkt. each of 6 varieties, 75 cts.

CUT-AND-COME-AGAIN (Perpetual). These splendid Stocks will flower continuously through the summer if sown early.

	Pkt.	2 pkts.
Apple Blossom. 4640. Light pink.....	\$0 15	\$0 25
Blue Jay. 4641. Light blue.....	15	25
Bridesmaid. 4642. Rose.....	15	25
Canary. 4643. Yellow.....	15	25
Carminea. 4644. Crimson.....	15	25
Chamois. 4645.....	15	25
Flamingo. 4646. Blood-red.....	15	25
Peach Blossom. 4647. Soft pink.....	15	25
Princess Alice. 4648. White.....	15	25
Violet. 4649. Dark blue.....	15	25

Collection. 4675. One pkt. each of above 10 varieties, \$1.25
 Collection. 4676. One pkt. each of 6 varieties, 75 cts.

CUT-AND-COME-AGAIN, White. 4680. One of the best double white Stocks, taller growing than the Ten-Weeks. Pot-grown seed.....

	Pkt.	2 pkts.
	\$0 15	\$0 25

MAMMOTH WHITE COLUMN. 4681. Of luxuriant growth, attaining a height of 3 feet in the open ground, producing a single long, sturdy spike of bloom closely furnished with enormous double flowers. Pure white.....

	15	25
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GIANT PERFECTION, White. 4682. Long pyramidal spikes of large, double flowers, splendid for glass culture and for florists' purposes.....

	15	25
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DWARF SNOWFLAKE. 4683. Pure white; very large; double and early.....

	35	60
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Prince Bismarck, Pure White. 4685. Large-flowering Pyramidal Ten-Weeks. This fine Stock is of robust pyramidal habit and reaches the height of 2½ feet and even more, under good cultivation.....

	6 pkts. \$1..	20
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Winter Varieties

If sown in February and March in the hotbed or sunny window, these Stocks will flower in late summer. They make elegant plants for Thanksgiving and Christmas, if sown in July and August under glass.

Abundance. 4688. Excellent for a summer- or winter-flowering variety. The extraordinary growth of this variety is caused by the central stem dividing into twelve to fifteen lateral branches which, in their turn, produce fifteen to twenty side shoots, forming magnificent spikes of flowers. Color, fine shade of carmine-rose, similar to Queen Alexandra.....

	\$0 25	\$1 00
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Almond Blossom. 4689. Another fine color of this splendid class, comprising our former introductions, Beauty of Nice, Queen Alexandra and Crimson King.....

	25	1 00
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Beauty of Nice. 4690. Daybreak pink; one of the best.

	25	
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Canary-Yellow. 4691. Undoubtedly the finest yellow Stock yet raised; produces large spikes of beautiful sweet-scented flowers on well-shaped plants. Wall-flower-leaved foliage, similar to that of our well-known Cut-and-Come-Again to which this variety makes a good companion. Height, 15 inches.....

	25	1 00
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WINTER VARIETIES, continued

Crimson King. 4692. The plant attains a height of 2 to 2½ feet, and throws a gigantic flower-spike 1 foot in length, around which are a number of side shoots, covered with large fragrant flowers of a brilliant fiery crimson, a large percentage of which are double.....

	\$0 25	\$1 00
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Empress Augusta Victoria. 4693. A fine winter Stock. Color silvery lilac, surpassing in beauty all the blue shades; grand for cutting.....

	25	1 00
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Empress Elizabeth. 4694. Splendid winter Stock. Carmine-rose.....

	25	1 00
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Queen Alexandra. 4695. A splendid variety, with flowers of a delicate rosy lilac, a tint of incomparable beauty; for cut and bouquet work of exceptionally good value.....

	25	1 00
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East Lothian. 4700. Finest double mixed. No better Stock for blooming late in the autumn, or if sown in June and July will make handsome pot-plants in the conservatory during winter.....

	25	1 00
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Spring-Flowering Varieties

Splendid for glasshouse culture; sown in August will bloom in April and May.

Brompton, Red. 4705.....

	\$0 25	
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White. 4706.....

	25	
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White Lady. 4707. Large lustrous white flowers, borne on stems 20 inches long. One of the best whites.....

	6 pkts. \$1..	20
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Boddington's Quality Ten-Weeks Stocks (seed from pot-grown plants)

STOKESIA cyanea (Hardy Blue Aster). 4709. HP. 2 feet. Pkt. Blue. July to Oct.....

	\$0 10	
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STREPTOCARPUS. GP. A novel race of free-blooming greenhouse pot-plants, now in universal demand; bright, cheerful, lasting. The mixture we offer is a carefully fertilized strain. Sow in pans of rich soil in early spring, in heat, and pot off into small pots when large enough to handle. Keep the seed-pans moist.

Choice Hybrids. 4711. Superb mixture, the latest type in all colors.....

	3 pkts. \$1.25..	50
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SUNFLOWERS. See *Helianthus* (page 57).

SWEET PEAS

NEW AND IMPORTANT VARIETIES—THE BEST FOR EXHIBITION



Robert Sydenham

THE following is a list of varieties displayed most frequently in the prize-winning exhibits at the shows of the American Sweet Pea Society at Bar Harbor, Me., Newport, R. I., San Francisco, Lenox, Mass., Boston, Mass., and the National Sweet Pea Society (British).

Full descriptions will be found on following pages.

N. B.—The crop of some kinds is very short, therefore we recommend early ordering to avoid disappointment.

Barbara. 5020. Salmon.

Blue Monarch. 5032. Navy-blue.

Blue Picotee. 5038. White ground, with a narrow edge of violet-blue.

Constance Hinton. 5054. Pure white.

Dobbie's Frilled Pink. 5076. Shell-pink.

Edward Cowdy. 5097. Bright, fiery orange-scarlet.

Fiery Cross. 5120. Fiery red.

Floradale Fairy. 5121. Primrose self.

Hercules. 5152. Pale rosy pink.

Inspector. 5162. Orange-salmon.

Jean Ireland. 5170. Cream, shaded carmine.

Jessie Cuthbertson. 5172. Pink-striped on cream ground.

King Manoel. 5181. Large; rich, deep maroon.

Marks Tey. 5203. Violet-purple wings, deep magenta standard.

Maud Holmes. 5208. Intense scarlet.

May Unwin. 5223. Large, orange-scarlet.

Mrs. Cuthbertson. 5228. Pale rosy pink.

Orangeman. 5260. Orange.

R. F. Felton. 5300. Lavender.

Robert Sydenham. 5306. Orange-salmon.

Rosabelle. 5307. A distinct shade of rose.

Royal Purple. 5310. Purple.

The President. 5344. Orange-scarlet.

Vermilion Brilliant. 5350. Scarlet.

Wedgwood. 5360. Silvery blue.

COLLECTION. One packet each of the above 25 varieties for \$4.50

FOR THE FORTHCOMING SUMMER EXHIBITION OF THE AMERICAN SWEET PEA SOCIETY, TO BE HELD AT NEW YORK CITY, JULY, 1918, WE TAKE PLEASURE IN AGAIN OFFERING OUR

Silver Challenge Cup. Value \$50

FOR A COLLECTION OF SWEET PEAS, 25 VARIETIES, NOT LESS THAN 25 STEMS TO A VASE, TO BE SHOWN WITH SWEET-PEA FOLIAGE ONLY. TO BE WON TWICE BY THE SAME EXHIBITOR

This Challenge Cup was won last year at Boston, Mass., by Arthur N. Cooley, Esq., Pittsfield, Mass.—Mr. E. W. Edwards, Superintendent.

Spencer Sweet Peas

DESCRIPTIVE ALPHABETICAL LIST OF STANDARD VARIETIES. REVISED AND BROUGHT THOROUGHLY UP TO DATE. FOR NOVELTIES, SEE PAGE 36

Excepting varieties of recent introduction, our packets of Sweet Peas contain from 40 to 50 seeds

- AMERICA SPENCER. 5004.** A grand flower. Scarlet striped. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- APPLE BLOSSOM SPENCER. 5008.** Rose and blush-pink; finely waved. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- ARTHUR GREEN. 5010.** A light purple-maroon of waved or Spencer form. Pkt. 15 cts., oz. 50 cts.
- ASTA OHN SPENCER. 5012.** Lavender, suffused or tinted with mauve. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- AURORA SPENCER. 5014.** Cream-white, flaked and mottled rich orange-salmon. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50.
- BARBARA. 5020.** Very fine salmon. Pkt. 15 cts., oz. 60 cts., ¼lb. \$2.
- BEATRICE SPENCER. 5022.** The ground is white, tinted with soft pink and buff on the standard. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- BERTHA MASSEY. 5024.** Art shade of pale, mauvy lilac. Pkt. 15c., 4 pkts. 50c.
- BERTRAND DEAL, IMPROVED. 5026.** Pale rosy lilac; of immense size. Pkt. 15 cts., 4 pkts. 50 cts.
- BLACK KNIGHT SPENCER. 5028.** Dark bronze. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- BLANCHE FERRY SPENCER. 5030.** Pale rosy standard; white wings. Pkt. 10c., oz. 40 cts., ¼lb. \$1.25.
- BLUE MONARCH. 5032.** Sunproof navy-blue. Pkt. 15 cts., 4 pkts. 50 cts.
- BLUE PICOTEE. 5038.** White ground, with narrow edge of violet-blue. Pkt. 15 cts., 4 pkts. 50 cts.
- CAPTAIN OF THE BLUES SPENCER. 5040.** Standard purple, wings bright blue. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- CAPTIVATION SPENCER. 5042.** Rich rosy wine-red throughout. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50.
- CARENE. 5044.** Rich orange. Pkt. 15 cts., 4 pkts. 50 cts.
- CHARLES FOSTER. 5046.** A peculiar combination of mauve and pink; very distinct. Pkt. 15 cts., oz. 50 cts., ¼lb. \$1.50.
- CHARM. 5048.** Pure snow-white, suffused equally through standard and wings with delicate flesh- or blush-pink. Pkt. 15 cts., 2 pkts. 25 cts.
- CHERUB. 5049.** Rich cream ground, charmingly edged bright rose. Pkt. 15 cts., 4 pkts. 50 cts.
- CLARA CURTIS. 5050.** A beautiful, large, cream-yellow flower. Pkt. 15 cts., oz. 40 cts., ¼lb. \$1.25.

- CONSTANCE HINTON. 5054.** A real white Spencer of immense size, with bold, upright standard 2 to 2½ inches across, the wings as well as the standard being exquisitely frilled and waved. Pkt. 25 cts., oz. 75 cts., ¼lb. \$2.50.
- CONSTANCE OLIVER. 5056.** Pink, overlaid with cream. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- COUNTESS SPENCER. 5058.** Bright, clear pink, showing a little deeper at the edges. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.
- DAINTY SPENCER. 5070.** White, with a pink edge, more defined at the back. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.

DECORATOR. 5072. The color is rich rose overlaid with terra-cotta, intensified to deep bright orange at base of wings. Pkt. 15 cts., oz. 50 cts.

DOBBIE'S CREAM. 5074. Beautifully frilled primrose. Pkt. 15 cts., 4 pkts. 50 cts.

DOBBIE'S FRILLED PINK. 5076. It is a duplex form of Countess Spencer at its best. Pkt. 15 cts., 4 pkts. 50 cts. (See illustration this page.)

DORIS BURT. 5082. The color is a most brilliant light scarlet, slightly shaded cerise. Pkt. 15 cts., 2 pkts. 25 cts.

DORIS USHER. 5084. Salmon-pink on cream ground. Pkt. 15 cts., oz. 50 cts.

DUPLEX SPENCER. 5086. In color, both the standard and wings are a rich cream-pink. Pkt. 15 cts., oz. 50 cts., ¼lb. \$1.50.

EARL SPENCER. 5090. Beautiful orange or salmon-orange self. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50.

EDITH TAYLOR. 5092. A very distinct, rosy cerise or salmon-rose, waved self. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50.

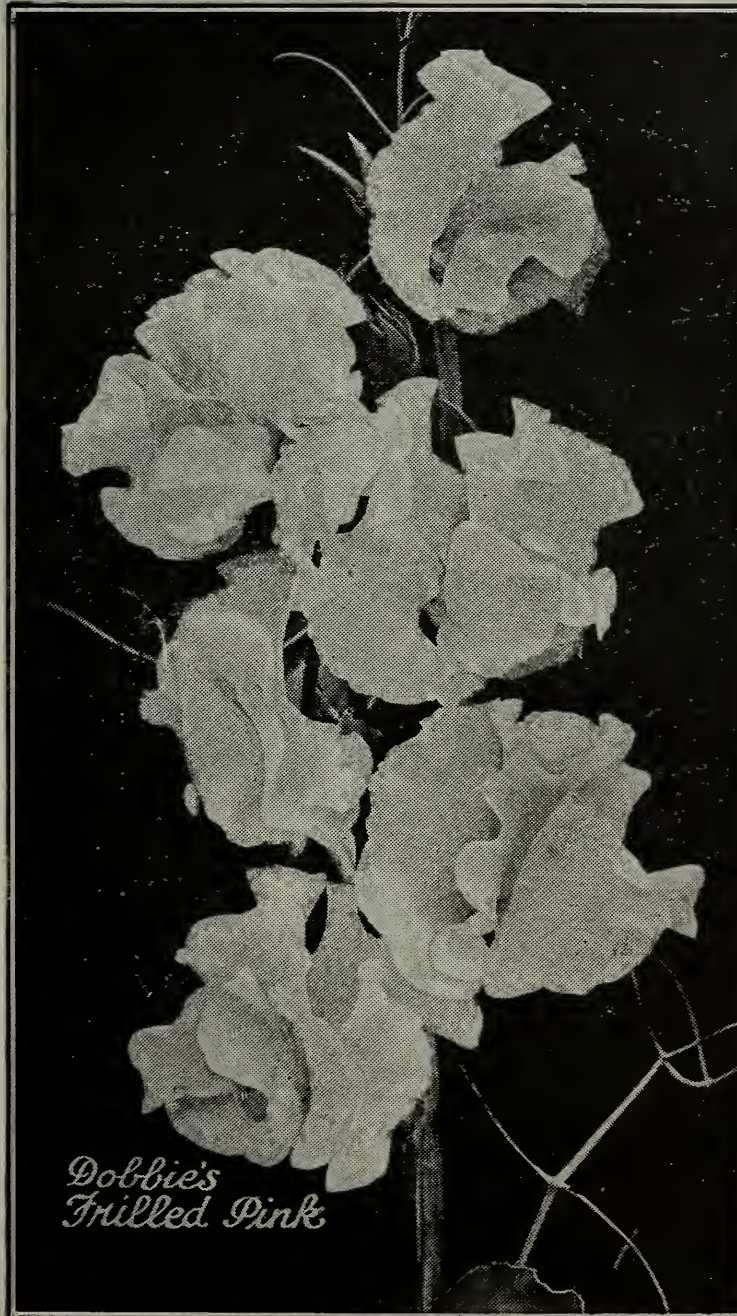
EDNA MAY, IMPROVED. 5094. Very large pure white. Undoubtedly the best white for show purposes. Pkt. 20 cts., 3 pkts. 50 cts.

EDNA UNWIN. 5096. Excellent; orange-scarlet, rosy wings. Pkt. 15 cts., oz. 50 cts.

EDWARD COWDY. 5097. Bright, fiery orange-scarlet. Pkt. 25 cts., 3 pkts. 60 cts.

ELFRIDA PEARSON. 5100. The color is a lovely pink throughout, the buds and flowers being tinted with salmon-pink. Pkt. 15 cts., oz. 50 cts.

EMILY ECKFORD SPENCER. 5102. Flowers are rosy purple self-color at opening, but turn bluish purple as they reach full expansion. Pkt. 10 cts., oz. 50 cts.



SPENCER SWEET PEAS, continued

ETHEL ROOSEVELT. 5108. The ground-color is a soft, pleasing primrose, or straw color, overlaid with dainty flakes and splashes of blush-crimson. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.

ETTA DYKE. 5110. Pure white Spencer; large, bold flower. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25. (See illustration, this page.)

FARNHAM LAVENDER. 5118. Pure lavender self; very free, giving mostly four flowers. Pkt. 20 cts., 6 pkts. \$1.

FIERY CROSS. 5120. Scorching fire-red, or scarlet without any shading. Does not scorch or burn even in periods of intense sunshine. Pkt. 25c., 5 pkts. \$1.

FLORADALE FAIRY. 5121. Primrose self. Pkt. 25 cts., 3 pkts. 60 cts.

FLORA NORTON SPENCER. 5122. Bright blue, with a little tint of purple. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.

FLORENCE MORSE SPENCER. 5124. Delicate blush, with pink margin. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.

FLORENCE NIGHTINGALE. 5126. The color is most charmingly soft and yet rich lavender, which is enlivened by a very faint sheen of rose-pink. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

FRANK DOLBY. 5128. Lovely pale blue. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

GEO. HERBERT. 5142. Rose, with deep scarlet wings. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

GEORGE STARK IMPROVED. 5144. Very popular scarlet variety. Pkt. 15 cts., 4 pkts. 50c.

GLADYS UNWIN. 5146. Pale rosy pink, large and attractive flower. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

HELEN LEWIS. 5148. Fine orange-pink. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

HERCULES. 5152. Giant; pale rosy pink; of extraordinary size and substance. Pkt. 25 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.

HILARY CHRISTY. 5154. Standard frosted orange-cerise with crenulated fiery scarlet edge, wings rosy carmine, keel delicate fawny lemon. Pkt. 20 cts., 6 pkts. \$1.

ILLUMINATOR. 5160. Salmon-orange and bright cerise-pink. Pkt. 15 cts., oz. 50 cts.

INSPECTOR. 5162. This is a duplex form of Stirling Stent. The orange-salmon color is deepened and intensified in this wonderful flower. Pkt. 15 cts., oz. 75 cts.

JEAN IRELAND. 5170. The color is creamy buff, the fine broad standard and wings being beautifully edged and shaded with carmine-rose. See illustration page 80. Pkt. 25 cts., 5 pkts. \$1.

JESSIE CUTHBERTSON. 5172. Pink-striped on cream ground. Pkt. 15 cts., 4 pkts. 50 cts.

JOHN RIDD. 5174. Giant rich purple. It makes a fine bunch for exhibition. Pkt. 15 cts., 2 pkts. 25 cts.

KING EDWARD SPENCER. 5180. The well-known scarlet Spencer. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

KING MANOEL. 5181. Large; rich, deep maroon. Pkt. 15 cts., 4 pkts. 50c.

KING WHITE. 5182. The white is pure and opaque; stems long, bearing almost uniformly fours. Pkt. 15 cts., oz. 60 cts.

LADY EVELYN EYRE. 5190. Blush-pink, large flower; very vigorous. Pkt. 15 cts., oz. 60 cts.

LOVELY SPENCER. 5194. Bright pink at the base, and shades to soft blush at the edges. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.

LOYALTY. 5196. Royal blue flakes on white ground. Pkt. 15 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.

MARGARET ATLEE. 5200. The color is warm salmon-pink, perfectly suffused over a cream ground. Pkt. 15 cts., 4 pkts. 50 cts.

MARIE CORELLI. 5202. Flowers brilliant rose-carmine. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.

MARKS TEY. 5203. Violet-purple wings, deep magenta standard. Pkt. 15 cts., 4 pkts. 50 cts.

MASTERPIECE. 5206. Rich lavender; flowers very large. Pkt. 10c., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

MAUD HOLMES (Sunproof Crimson Spencer). 5208. Brilliant crimson, both standard and wings being well waved. Pkt. 15 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

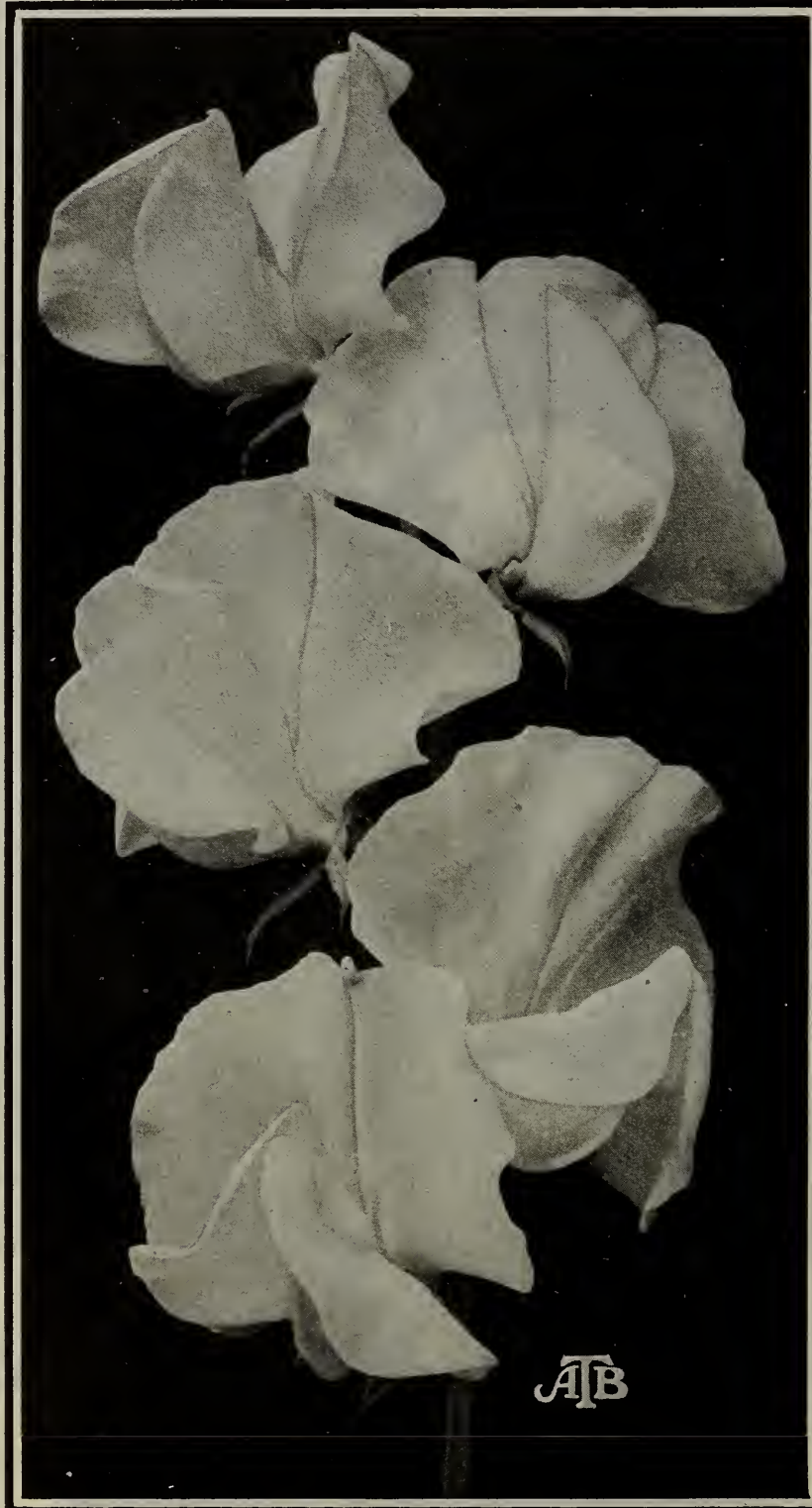
MAY CAMPBELL. 5210. The ground-color throughout is cream, the standard being beautifully marbled in the center with soft carmine. Pkt. 15 cts., 4 pkts. 50c.

MAY PERRETT SPENCER. 5220. Buff - pink self, with crimson calyx and footstalks. Pkt. 15 cts., oz. \$1.

MAY DAY. 5222. Lovely deep sky-blue self; large flowers. Pkt. 20 cts., 6 pkts. \$1.

MAY UNWIN. 5223. Large; orange - scarlet. Pkt. 25 cts., 3 pkts. 60c.

MRS. B. GILBERT. 5226. Beautifully marbled or flaked purplish lilac on a faint dove-gray ground. Pkt. 15 cts., 4 pkts. 50c.



Etta Dyke Sweet Peas

SPENCER SWEET PEAS, continued

- MRS. CUTHBERTSON. 5228.** Standard clear rose-pink, wings white, with slightest flushing of pale rose. Pkt. 15 cts., oz. 50 cts., ¼lb. \$1.50.
- MRS. C. W. BREADMORE. 5230.** A grand flower, creamy buff ground margined with rich rose. Pkt. 15 cts., oz. 50 cts., ¼lb. \$1.50.
- MRS. DUNCAN. 5232.** A fine sunproof crimson-scarlet of good size and shape. Pkt. 15 cts., 4 pkts. 50 cts.
- MRS. HUGH DICKSON. 5234.** A cream-pink Spencer on buff ground. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- MRS. J. EMMETT. 5236.** A beautiful and distinct light apricot, overlaid with rich, creamy pink. Pkt. 15 cts., oz. \$1.
- MRS. ROUTZAHN SPENCER. 5238.** The blending shades are soft rose and buff and primrose, with a decided rose edge. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- NORA UNWIN. 5252.** Takes its place easily in the front rank of whites. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts.
- NUBIAN. 5256.** Deep chocolate self; one of the best. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50.
- ORANGEMAN. 5260.** Color a rich, deep orange, beautifully waved. Pkt. 15 cts., 4 pkts. 50 cts.
- ORCHID. 5262.** The color is rich, deep lavender throughout, slightly suffused pink on both standard and wings. Pkt. 15 cts., oz. 60 cts.
- OTHELLO SPENCER. 5264.** Rich deep maroon. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- PARADISE. 5270.** Practically the same as Countess Spencer, perhaps a trifle deeper pink. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- PEARL-GRAY SPENCER. 5272.** Pearl- or dove-gray, suffused with light rose, showing a trifle more of the delicate rose shading in the standard. Pkt. 10 cts., oz. 50 cts.
- PRIMROSE BEAUTY. 5274.** A deep cream Spencer of the most perfect shape. Pkt. 15 cts., 4 pkts. 50 cts.
- PRIMROSE SPENCER. 5276.** Primrose or creamy yellow. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- PRINCE EDWARD OF YORK SPENCER. 5278.** Bold, rosy salmon standard, with rosy wings. Pkt. 10 cts.
- PRINCE GEORGE. 5280.** The standard is lilac-rose, deepening to red at the base, with wings of violet-rose. Pkt. 15 cts., oz. \$1.
- QUEEN ALEXANDRA SPENCER. 5290.** Self-colored crimson-scarlet. Pkt. 10 cts., oz. 40 cts.
- QUEEN VICTORIA SPENCER. 5292.** The background is quite a deep primrose, flushed with rose. Pkt. 10 cts., oz. 40 cts.
- R. F. FELTON. 5300.** One of the best lavenders; large flower; perfect shape. Pkt. 15 cts., oz. 50 cts.
- RAMONA SPENCER. 5302.** Clear white, with soft delicate lines and flakes of blush-pink. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.
- RED CHIEF, IMPROVED. 5304.** Mahogany shaded orange; very strong grower; four flowers on nearly every stem, sometimes five. Pkt. 20 cts.
- ROBERT SYDENHAM. 5306.** Bright orange-salmon, self-colored, rather lighter than the Stirling Stent and deeper than Melba or Barbara. Pkt. 20 cts., 6 pkts. \$1. (See illustration, page 76.)
- ROSABELLE. 5307.** A distinct shade of rose. Pkt. 15 cts., 4 pkts. 50 cts.
- ROSINA. 5308.** The standard and wings are a bright rosy heliotrope, with a distinct wire-edge of solferino-red on a cream ground. Pkt. 25 cts., oz. \$1.
- ROYAL PURPLE. 5310.** Royal purple color, great distinctness and size. Pkt. 15 cts., oz. 60 cts., ¼lb. \$2.
- SCARLET EMPEROR. 5322.** Bright scarlet; very vigorous. Pkt. 15 cts., oz. 60 cts., ¼lb. \$2.
- SENATOR SPENCER. 5324.** Deep claret and chocolate, striped and flaked on a ground of light heliotrope. Pkt. 10 cts., oz. 40 cts.
- STIRLING STENT. 5328.** Salmon-orange. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50.
- THOMAS STEVENSON. 5346.** Orange-scarlet. Pkt. 15 cts., oz. 60 cts.

- THE LADY EVELINE. 5342.** A grand new rosy mauve Sweet Pea, ideal for all purposes. It is bound to be the mauve of the show bench. Its great size and lovely color are enhanced by the perfect placing of the flowers, which are duplex in character. Pkt. 25 cts., 5 pkts. \$1.
- THE PRESIDENT. 5344.** The intensely rich and dazzling orange-scarlet color of the flower equals in brilliance the Oriental Poppy. Pkt. 20 cts., 6 pkts. \$1.
- VERMILION BRILLIANT. 5350.** The most brilliant iridescent scarlet Spencer yet produced. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50.
- WEDGWOOD. 5360.** Silvery blue. Pkt. 15 cts., oz. 60 cts., ¼lb. \$2.
- WHITE PERFECTION. 5362.** An extra-large white of good substance; strong grower; flowers exceptionally waved. Pkt. 20 cts., 6 pkts. \$1.
- WHITE SPENCER. 5364.** Pure white. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.



Sweet Pea
The Lady Eveline

W. T. HUTCHINS. 5366. The buds show a decided buff-color. The fully expanded color has the appearance of light apricot, distinctly lemon at the throat, overlaid with a beautiful blush-pink. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25.

SWEET PEA COLLECTIONS AND MIXTURES

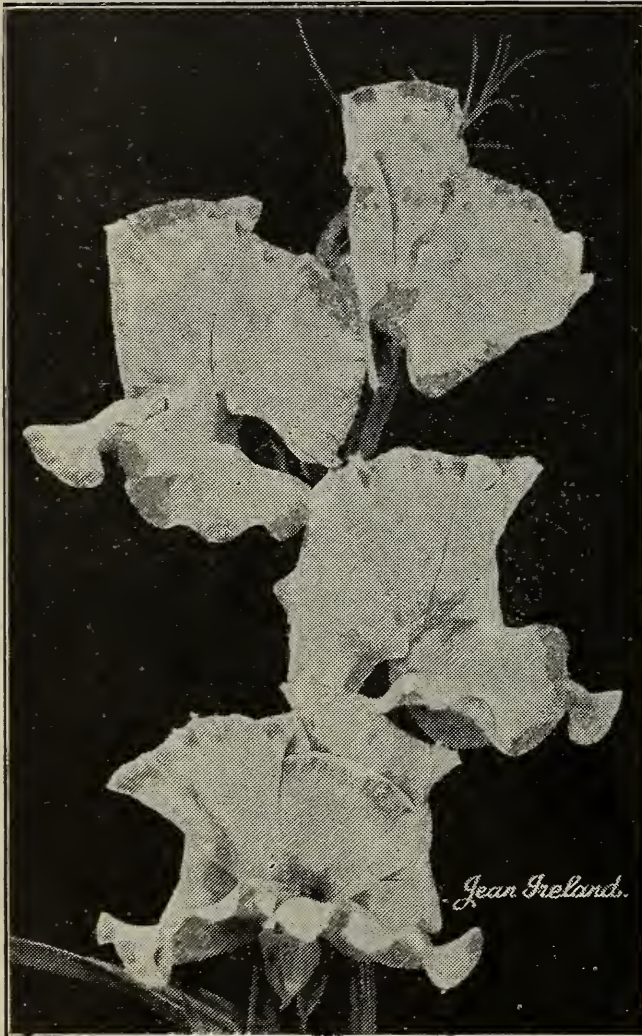
Collection. 5392.	One pkt. each of the best 25 Spencers for exhibition. (See page 76.)	\$4 50
Collection. 5393.	One pkt. each, named in 100 Spencer varieties, separate, our selection	10 00
Collection. 5394.	One pkt. each, named in 75 Spencer varieties, separate, our selection	8 00
Collection. 5395.	One pkt. each, named in 50 Spencer varieties, separate, our selection	5 75
Collection. 5396.	One pkt. each, named in 24 Spencer varieties, separate, our selection	2 75
Collection. 5397.	One pkt. each, named in 12 Spencer varieties, separate, our selection	1 50
Collection. 5398.	Our Lithographed Cover Collection, 5 superb Spencer varieties	50

Spencer Mixture of Standard Varieties 5380

For size, substance and variety of color we cannot recommend this mixture too highly. Containing over 150 of the best standard varieties ranging from pure white to crimson. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., $\frac{1}{2}$ lb. 50 cts., lb. \$1.

Special Spencer Mixture of Novelty Varieties 5385

This mixture contains an equal proportion of colors of the Novelty Spencer varieties, and is one of the most superb combinations ever offered. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.



Sweet Pea, Jean Ireland. See page 78

Our Special Offer for 1918 5390

A Quarter of a Pound of Gigantic Orchid-Flowering Mixed Sweet Peas for a Quarter (25 cents)

POPLARVILLE, MISS., October 10, 1916.
ARTHUR T. BODDINGTON Co., Inc., 128 Chambers St., New York.

Dear Sirs.—Inclosed find twenty-five cents (25c.) in stamps for which please mail me your twenty-five cent collection of mixed Sweet Peas, Spencer variety. This will make the fourth time I have planted this collection and always have had splendid success. (Signed) MRS. G. W. HEADLEY, Jr.

This quarter of a pound of Sweet Peas contains the finest mixture of the Spencer varieties ever sent out by any seed-house. The range of color is from pure white to darkest crimson, and all intermediate shades. Mailed free to any part of the United States and Canada.

New Early-Flowering Spencer Sweet Peas 5399

BLOOM FOUR WEEKS EARLIER THAN THE LATE SPENCER VARIETIES

This new race of Early-Flowering Sweet Peas is destined to become exceedingly popular among Sweet Pea lovers. In addition to its having superseded the ordinary Spencer variety for winter flowering under glass, it is invaluable for outside summer flowering, giving at least four weeks' longer blooming season in the North and flourishing well in the South where the ordinary summer varieties are difficult to grow. The plants of this new type are of strong constitution and exceptionally vigorous in growth, and will bloom

continuously for four months under ideal conditions. Their adaptability to the southern states has been proven, and we have the utmost confidence in recommending them to all our customers. In climates which are cold and where frosts come early, by taking less time to come into flower they will bloom a month longer than the late Spencers. This mixture contains all the colors and shades to be met with in the older types of Sweet Peas. Pkt. 15 cts., oz. \$1, $\frac{1}{4}$ lb. \$3.50, lb. \$13.

Spencer Winter-Flowering Sweet Peas

Spencer Winter-flowering Sweet Peas have proved to be of the utmost value for greenhouse culture, for cutting during winter and early spring; but it is not generally known that they can be grown most advantageously out-of-doors. Sown in March or April they will bloom two or three weeks in advance of the Regular Spencer or Grandiflora types sown at the same time and they continue to give abundance of flowers for a long period.

Cultivation.—White-seeded varieties must be sown in sand in small pots, not in earth, or they will rot or "damp off." Later transplant to the permanent position. Winter-flowering Sweet Peas should not be sown too thickly, about one ounce to 25 feet is sufficient. Thin out to about 3 inches apart when plants are about 6 inches high; if wanted for Christmas, sow before the end of September; if wanted during January, February and March, about the middle of October; if wanted for Easter, about the first of December. For successful growing, a temperature of 40 to 45 degrees at night and 10 degrees higher in the day is considered best. Red spider, thrip and green fly are the chief enemies of Sweet Peas; when affected spray with X-L-All Insecticide. Feed when plants are in full bloom.

We recommend the excellent work by J. Harrison Dick, "Sweet Peas for Profit"—Full and concise instructions for growers. Price \$1.50 net.

The New Sensational Australian Spencers

The following are all of the "Yarrawa" strain, having heavy foliage and the strong growth of the Summer-flowering type, but with the true Winter-blooming Spencer characteristics. Seeds sown early in August will flower about December 1st and bloom profusely and continuously until May. The varieties are absolutely fixed and true to color and type. The flowers are exquisitely waved and when full grown will average 2½ inches in diameter. They are borne usually in fours on extra long stems.

CONCORD CHARM. 4856. Delicate shades of white and blue-white wings and very light heliotrope standard, shading to nearly white; very captivating, of the best Spencer form and largest size. Pkt. (50 seeds) 50 cts., 5 pkts. \$2.25.

CONCORD CHIEF. 4858. Intense rich deep maroon; massive Spencer form. Pkt. (35 seeds) 50 cts., 5 pkts. for \$2.25.

CONCORD, CHRISTMAS PINK SHADES. 4859. A Spencer strain of the old Christmas Pink coloring. Rosy cerise standard, creamy white wings, slightly tinted blush. There is at times some variation in these; so we offer as shades. Pkt. (50 seeds) 50 cts., 5 pkts. for \$2.25.

CONCORD COUNTESS. 4860. Most attractive tint of pink, the ideal flower color. The color graduates to a lighter tint at the base of standard and wings, adding additional charm to this variety. Pkt. (50 seeds) 50 cts., 5 pkts. \$2.25.

CONCORD COQUETTE. 4864. A most beautiful variety of the "veined" or mottled class. It has a white ground, faintly marked or mottled light rosy carmine, the standard showing the color rather more heavily than the wings. Pkt. (18 seeds) 35 cts., 5 pkts. \$1.50.

CONCORD DAYBREAK. 4868. On opening, the bud is cream with standard heavily edged buff-pink. As the flower opens the cream changes to almost white, and the cream-pink edging to a faint rosy tinge. Pkt. (50 seeds) 50 cts., 5 pkts. \$2.25.

CÆRULEA. 4876. A glorious Sweet Pea of the most delightful shades of delicate sky-blue, sometimes a little lighter. Pkt. (50 seeds) 50 cts., 5 pkts. \$2.25.

RUBY. 4882. A glowing, light crimson-scarlet color; blooms of good size, Spencer form, carried in threes, well placed on good, wiry stems. Pkt. (50 seeds) 50 cts., 5 pkts. \$2.25.

SALMONEA. 4886. A rich, rosy salmon variety of great merit. Very free flowering. The blooms are of good size and nicely waved form. Pkt. (50 seeds) 50 cts., 5 pkts. \$2.25.

CONCORD PURPLE. 4890. One of the leading varieties of its color, which, on first opening, is a delightful shade of mauvy purple, changing, as the flower ages, to purple-blue. Pkt. (50 seeds) 50 cts., 5 pkts. \$2.25.

CONCORD RADIANCE. 4894. A very striking shade of rosy magenta; this variety is one of the showiest. Highest class as regards size, form, substance and stems. The color varies somewhat, according to the age of the flower, but this adds to its attractiveness. Pkt. (18 seeds) 35 cts., 5 pkts. \$1.50.

4900 COLLECTION. One pkt. each of the 11 Australian Spencers, \$4.50



Boddington's Re-selected Winter-Flowering Spencer Sweet Peas

WINTER-FLOWERING SWEET PEAS

APRICOT ORCHID. 4782. Mostly apricot self. Pkt. 25 cts., oz. \$1.50.

BELGIAN HERO. 4820. A beautiful rose-colored variety. Handsome flower. Pkt. 50 cts.

BOHEMIAN GIRL. 4784. One of the finest pink selfs. Pkt. 25 cts., oz. \$1.50.

BRIDAL VEIL. 4786. Pure white. Its size and purity of color make it one of the best. White-seeded. Pkt. 25 cts., oz. \$1.50.

CHRISTMAS PINK ORCHID. 4822. Standard bright pink, wings white, an improvement over the Pink-and-White Orchid. Pkt. 25 cts., oz. \$1.50.

MISS FLORENCE ROLAND. 4834. Light pink with salmon; fine shape and good grower. Pkt. 25 cts., oz. \$1.50.

MRS. JOHN M. BARKER. 4794. The standard is lilac, with glistening, dark rose; wings light blue on white ground. Pkt. 25 cts., oz. \$1.50.

MORNING STAR. 4830. Exceptional large flower of self-pink color. Pkt. 25 cts., oz. \$2.

ORANGE ORCHID. 4798. Standard orange, wings dark salmon-pink, beautifully colored and formed. Pkt. 25 cts., oz. \$1.50.

ORCHID BEAUTY. 4800. Dark rose-pink, with orange blush. Pkt. 25 cts., oz. \$1.50.

PINK-AND-WHITE ORCHID. 4802. Similar in color to Christmas Pink, but produces a larger flower on longer stems. Pkt. 25 cts., oz. \$1.

RED ORCHID. 4836. Bright cherry-red, very fine shape, large and free bloomer. Pkt. 25 cts., oz. \$1.50.

SELMA SWENSON. 4838. The color is clear, light, soft pink with waved petals. One of the best pink varieties. Pkt. 25 cts., oz. \$2.

SENSATION SCARLET. 4840. The color is a good bright scarlet similar to King Edward Spencer. Pkt. 25 cts., oz. \$2.

THE CZAR. 4844. Standard rose, wings white, mottled with pink. Pkt. 25 cts., oz. \$1.50.

VENUS. 4806. Standard slightly blush-pink; in winter more white. Pkt. 25 cts., oz. \$1.50.

Yarrowa

THE SENSATIONAL PINK WINTER SPENCER

Bright rose-pink, with light wings. Yarrowa has the heavy foliage and strong growth of the summer-flowering type, and is a true winter-blooming Spencer. Seed sown early in September will flower about December 1, and bloom profusely and continuously until May. The flowers are exquisitely waved, and when full-grown will average 2½ inches in diameter. Pkt. 25 cts., oz. \$1.25.

COLLECTION: One packet each of the above 17 varieties (including Yarrowa) for \$4

A Few Hints on the Successful Growing of Sweet Peas

BY AN EXPERT

Buy your seeds early and sow early, about March 15, if possible.

Avoid sowing of Sweet Peas on the same land in successive years. If your garden is small and you find this necessary, the soil should be removed and filled in afresh following the instructions given below.

The soil for Sweet Peas should be rich and deep and prepared early (preferably in the fall of the year) if this can be done; good slaked lime and wood ashes should be thoroughly dug into the ground.

A good rich turfy loam is the ideal soil for growing Sweet Peas, thoroughly enriched with good rotted manure or bone meal, and dug in as deeply as possible.

If your soil is not of the above consistency, dig a trench two feet deep and two feet wide and fill with good rich turfy loam that has been thoroughly mixed with rotted manure or bone meal, in proportion of three-fourths soil to one-fourth fertilizer, according to the condition of the soil.

Do not sow your Sweet Peas thickly or too thinly (one ounce of Sweet Peas to ten feet is a fair average). If the Peas should grow too thickly, thin out to about two inches apart, but not necessarily in a single row, rather alternately, viz.

Seed of the black-seeded varieties can be sown as soon as the frost is out of the ground, provided it is not too wet; the white-seeded varieties should not be sown until the ground is warm and dry.

Before sowing, pulverize your soil in the trench about three inches deep. Sow seeds in a double row about ten inches apart, about two inches below the surface, and tread down firmly.

For trailing the vines, use either "brush" (that is, branches of birch or other light material) or large-mesh wire netting held by posts or bamboo canes; the brush or the netting should run from five to eight feet above the ground.

It is as well to erect supports before the seedlings get too tall, better perhaps when seed is sown.

Dry and hot weather affect Sweet Peas very quickly. They should be watered very frequently and thoroughly, and the application of

liquid manure given once a week. A good heavy mulch of long-straw manure covering the ground around the Sweet Peas should be applied as soon as warm weather sets in. This prevents the ground from drying out and keeps the soil cool.

The flowers should be cut as often as possible and all seed-pods removed as soon as they appear. By attending to this properly, it greatly lengthens the life of the vine and the flowering season.

A partial shade during the hottest parts of the day is very essential to secure the best color in the blooms, it also protects the vines from the strong rays of the sun. If possible to protect the lower growth of the Peas, this should be done also.

If Sweet Peas should be attacked by the green, black or white fly, they should be thoroughly sprayed with Aphine or X-L-All Insecticide.

The greatest enemy of young Sweet Peas is the cutworm, and they are so destructive as to prevent some people from having a good stand of Sweet Peas at any time. They usually take the young shoots as soon as they appear, and while some plants will send out new shoots and grow again after being cut off, most of them are cut too far down and ruined. A sprinkling of "Slug Shot" or slaked lime over the row or watering with lime water helps to keep out the cutworms. A handful of grass dipped in a solution of Paris green will sometimes attract and exterminate the worms.

One of the most necessary things in the cultivation of Sweet Peas is the proper feeding of the plants; when they are in full growth a change of "food" is particularly essential. When they start into bloom a good application of Scotch soot, applied in liquid form, improves the color of flower and foliage to a remarkable degree.

FARMOGERM is an excellent agent for the successful growing of Sweet Peas, if the instructions for the use of this article are carefully followed.

Garden Size. 50 cts. per bottle.

Acre Size. \$2 per bottle.

Bamboo Canes for Staking Sweet Peas.

While nothing can beat good birch brush, if it can be obtained, a good substitute is found in Bamboo Canes. This method necessitates tying the growth every few days, but can easily be done whilst disbudding. We offer suitable canes for this purpose in the Sundry Section of this Guide.



Boddington's Auricula-eyed Sweet Williams

Sweet William (*Dianthus barbatus*) HB 1½ ft.

A well-known, attractive, free-flowering hardy biennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous young plants from seed every season than to divide the old plants, as the flowers on the old plants are apt to be smaller and more scattered.

- Auricula-eyed, Mixed Colors. 5420.** A remarkable strain of the popular Sweet William with a distinct zone or eye. Pkt. 3 pkts. \$0 10 \$0 25
- Dark Crimson. 5421.** Rich dark shade. 10 25
- Maroon. 5422.** Dark crimson. 10 25
- Red. 5423.** With white eye. 10 25
- Scarlet. 5424.** Red, with white eye. 10 25
- Violet. 5425.** With white eye. 10 25
- White. 5426.** Excellent for cut-flowers. 10 25
- Finest Mixed, Single. 5427.** Splendid colors. 4 pkts. 15 cts. 05
- Boddington's Giant Double, Finest Mixed. 5428.** 10 25
- Annual Varieties, Mixed. 5429.** Grows about 9 inches in height; flowers of good size, well marked and very free flowering. Seed sown from January to March will bloom the same year. Perfectly hardy, and should be grown by every amateur; fine for cutting. 3 pkts. 25 cts. \$0 10
- Double Rose. 5430.** H.B. Large umbels of handsome, rose-colored flowers distinguish this Sweet William from other well-known varieties. 5 pkts. \$1. 25
- Holborn Glory. 5431.** H.B. This variety contains a beautiful strain of light shades. 3 pkts. 25 cts. 10
- Newport Pink. 5432.** H.B. In color it is what florists call watermelon-pink or salmon-rose. Strikingly beautiful; the habit of the plant is perfect, being well formed, neat and compact, the flowers borne in massive heads on stems 18 inches high. 2 pkts. 25 cts. 15
- Pink Beauty. 5433.** HB. Very distinct, delicate pink flowers. A beautiful variety. 5 pkts. \$1. 25

SWEET WILLIAM, continued

- Scarlet Beauty. 5434.** HB. Color intensely deep, rich Pkt. scarlet, almost identical in color with the *Euphorbia splendens*. 5 pkts. \$1. \$0 25
- Sutton's Scarlet. 5435.** HB. The flowers are of an intense scarlet, similar to that of Grenadin Carnation. A bed in the distance produces a vivid effect. Seed scarce. 60
- Giant White. 5436.** HB. We have raised several new types in the past, and this is the first "self" from our Giant strain. Really beautiful, and comes true from seed. The flowers are large and borne in splendid clusters. 6 pkts. \$1. 20
- TAGETES signata pumila. 5440.** HA. A dwarf, compact, bushy annual Marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright yellow, striped brown; a first-class border plant. 10
- THALICTRUM (Meadow Rue). HP. Summer.**
- Adiantifolium. 5442.** 1½ feet. Yellow. 15
- Aquilegfolium. 5443.** 3 feet. Purple. 10

Thunbergia (5 ft.) HHA

Charming climbing annuals of rapid growth; excellent for window-boxes, hanging-baskets and vases. July to Oct. Pkt.

- Alata. 5445.** Yellow with black eye. \$0 10
- Alata alba. 5446.** White, with black eye. 10
- Aurantiaca. 5447.** Orange, with black eye. 10
- Bakeri. 5448.** Pure white. 10
- Coccinea. 5449.** Scarlet. 25
- Fryeri. 5450.** Buff-color. 10
- Grandiflora. 5451.** Blue flowers; an excellent climber. 25
- Finest Mixed. 5452.** Flowers white, yellow and orange, with black eye. 3 pkts. 25 cts. 10
- TORENIA. HHA. 10 inches. Excellent for pots, beds or hanging-baskets.**
- Baillonii. 5456.** Golden yellow; deep red throat; very pretty. 25
- Cœlestina. 5457.** Pale blue. 25
- Fournieri. 5458.** Porcelain-blue and rich violet. 20
- Fournieri grandiflora. 5459.** Large-flowered. 25
- White Wings. 5460.** Pure white, rose throat. 25



Thunbergia Fournieri

- TRACHELIUM caeruleum.** 5465. Pkt. HHA. A free-growing greenhouse annual of easy culture, having large cloud-like heads of clear pale mauve flowers somewhat resembling Gypsophila. Height, 18 inches.....5 pkts. \$1. \$0 25
- TRADESCANTIA Virginica.** (Spiderwort). 5467. HP. Blue. 1 foot. Summer..... 10
- TRICYRTIS hirta** (Japanese Toad Lily). 5468. HP. 1½ feet. Creamy white. Summer..... 10
- TRITOMA** (Red-Hot-Poker; Flame Flower). 5469. HP. 4 feet. Mixed. Summer..... 10
- TROLLIUS** (Globe Flower). HP. 2 feet. Summer.
- Caucasicus** (Golden Globe). 5475. Yellow..... 10
- Japonicus fl.-pl.** 5476: Double yellow..... 25
- New Hybrids.** 5477. Mixed..... 10
- TROPÆOLUM Canariense** (Canary-Bird Flower). 5480. HA. 10 ft. Elegant annual climber, with delicately cut leaves and lovely bright yellow fringed flowers. oz. 50c... 05
- Lobbianum.** See *Nasturtium*s.
- TUNICA saxifraga.** 5485. HP. Small pink flowers in profusion.. 10
- VALERIANA** (Spurred Flower). HP.
- Alba.** 5500. White..... 10
- Coccinea.** 5501. Red..... 10
- Montana.** 5502. 2 ft. Pink. June to October..... 10
- Rubra.** 5503. Purplish..... 10
- VERBASCUM** (Mullein). HP. Pkt.
- Libani.** 5506. 4 feet. Yellow. July to Sept.....\$0 10
- Olympicum.** 5507. 6 feet. Yellow. July to Sept..... 10
- Phoeniceum.** 5508. 1½ feet. Purple. May and June..... 10



Boddington's Quality Verbenas

Meteor. 5533. Miniature Verbena, forming very dwarf bushes of 6 to 8 inches in height by 10 to 12 inches in breadth. Flowers of faultless form, of an intense deep scarlet. Pkt. 25 cts., 5 pkts. \$1.

Rose Queen. 5534. The brilliant rose-colored flowers measure 1 to 1½ inches across. Pkt. 15 cts., 4 pkts. 50 cts.

Venosa. 5535. Blue, upright habit; very showy and fine for bedding. Pkt. 10 cts., 3 pkts. 25 cts.

Hybrida gigantea (Giant-flowered Verbena). 5536. A class of Giant-flowered Verbenas that excels all other varieties in size and color of flower and the rich display of colors and shades which come true from seed. Pkt. 25 cts., 5 pkts. \$1.

VERONICA (Ironweed). HP. July and Aug. Pkt.

Candida. 5540. 2 feet. White... \$0 10

Incana. 5541. 1 ft. Blue..... 10

Spicata. 5542. Bright blue flowers on a dense long spike..... 10

VINCA (Periwinkle). HHP. If sown in January or February under glass, they will bloom in July and continue through the summer. Excellent for cutting; the buds open soon after they are put in water. Useful for conservatories or bedding. Pkt. 3 pkts.

Alba. 5550. White.....\$0 10 \$0 25

Rosea. 5551. Rose..... 10 25

Rosea alba. 5552. Rose and white..... 10 25

Mixed. 5553..... 10 25

Verbenas HHP

For best and quickest results seed should be sown early in the house or hotbed, and transplanted to flowering quarters in May. If sown outdoors in May, they bloom from the end of July on.

Boddington's Mammoth Hybrids. 5520. A strain of very vigorous growth, producing trusses of large flowers of brilliant and varied colors. Mixed. Pkt. 10 cts., 3 pkts. 25 cts.

Auricula-flowered. 5521. Large flowers with distinct white eye in the center of each floret. Pkt. 10 cts., 3 pkts. 25 cts.

Blue. 5522. Pkt. 10 cts.

Pink. 5523. Pkt. 10 cts.

Scarlet Defiance. 5525. The finest scarlet sort; intense color. Pkt. 10 cts., 3 pkts. 25c.

White (Candidissima). 5526. Pure white. Pkt. 10 cts., 3 pkts. 25 cts.

Striped. 5528. Many colors. Pkt. 10 cts., 3 pkts. 25 cts.

Helen Willmott. 5530. A very pretty, bright salmon-rose, with white eye. After many years of constant selection, seed of this lovely Verbena has at last been saved in sufficient quantity to enable us to offer it. Pkt. 20 cts., 6 pkts. \$1.

Lemon-scented (Aloysia citriodora). 5531. Very fragrant. Pkt. 10 cts.

Lutescens. 5532. Compact, dwarf variety, with erect flower-stems bearing round trusses of creamy yellow flowers, standing well above the foliage. Pkt. 25 cts., 5 pkts. \$1.



Viola (Scotch or Tufted Pansy) Type

Viola (Scotch, or Tufted Pansies)

HHP

The Scotch Violas, or Tufted Pansies, have of late years been greatly appreciated. There are a great number of varieties, varying in color from pale lavender to deep rich purple, with many charming intermediate shades. They are very free-flowering, and cannot be surpassed for bedding purposes; in light, rich soil and a moist situation they will continue to bloom from spring till late in the autumn. They are also useful for ribbon borders, where they make a fine display.

Seed is very scarce this season

Archie Grant. 5560. Rich royal purple. Pkt. \$1.

Ardwell Gem. 5561. Large rayless flower; primrose color. Pkt. \$1.

Bullion. 5562. Golden yellow. Pkt. \$1.

John Querton. 5563. Deep lavender. Pkt. \$1.

Marchioness. 5564. Pure white. Pkt. \$1.

Mars. 5565. White, small yellow eye. Pkt. \$1.

Purple King. 5570. Deep purple. Pkt. \$1.

Rover. 5571. Lavender, flaked white. Pkt. \$1.

Snowdon. 5572. Pure white. Pkt. \$1.

True Blue. 5573. One of the best of its color. Pkt. \$1.

Violet King. 5574. Deep rich violet. Pkt. \$1.

Yellow Gem. 5576. A grand yellow novelty. Pkt. \$1.

Collection. 5581. One pkt. each of 6 varieties, our selection, \$5.

VIOLA Tricolor. See Pansies, page 65.

Viola cornuta

	Pkt.	3 pkts.
Blue Perfection. 5585. 1/2 foot. Blue. Spring.....	\$0 10	\$0 25
Lutea. 5586. 1/2 foot. Yellow. Spring.....	10	25
Lutea splendens. 5587. 1/2 foot. Orange. Spring.....	10	25
Papilio. 5588. 1/2 foot. Lilac. Spring.....	10	25
Purple Queen. 5589. Blue.....	10	25
Rose Queen. 5590. 1/2 foot. Rose-lilac.....	20	50
White Perfection. 5591. 1/2 foot. White. Spring.....	10	25
Mixed. 5592. All colors.....	10	25
VIOLET (<i>Viola odorata</i>). The single varieties can be raised only from seed. All are fragrant, and in the main quite hardy. Pkt.		
Odorata (Common English Violet). 5595..3 pkts. 25 cts..	\$0 10	
Odorata, Czar. 5596.....	25	
Odorata, Princess of Wales. 5597.....	25	

Virginian Stocks HA

Sweet-scented; splendid for edging.	Pkt.	Oz.
Crimson King. 5600.....	\$0 05	\$0 50
Red. 5601.....	05	25
White. 5602.....	05	25
Yellow. 5603.....	05	50
Mixed. 5604.....	05	25
WAHLENBERGIA (<i>Platycodon</i>) (Japanese Bellflower). HP. 2 pkts.		
Grandiflora. 5610. 1 1/2 feet. Blue.....	15	\$0 25
Grandiflora alba. 5611. 1 1/2 feet. White.....	15	25
Grandiflora cœrulea plena. 5612. 1 1/2 feet. Dark blue.....	25	
Grandiflora alba plena. 5613. 1 1/2 feet. Double white.....	25	
Grandiflora nana. 5614. 1 1/2 feet. Blue.....	15	25
Grandiflora nana alba. 5615. 1 foot. White.....	15	25

Wallflower HA

Of delicious fragrance.
ANNUAL. Flowers July to fall from seed sown in February.
Belvoir Castle. 5620. Golden yellow. Pkt. \$0 10
Blood-Red. 5621. 10
Early Paris Market. 5622.
 Brown... 10
Golden Gem. 5623. 10
White Gem. 5624. 10
Mixed. 5625. 10

WINTER-BLOOMING WALLFLOWER

(*Cheiranthus Kewensis*) 5626

The black-brown buds open into flowers of a delicate sulphur shade, which passes gradually to orange or purple-violet. Pkt. 25 cts., 5 pkts. \$1.
Single Fine Mixed. 5627. HHP. Pkt. 10 cts.
Double Finest Mixed. 5628. HHP. Pkt. 25 cts.
COLLECTION. 5629. 8 Single varieties \$1.
COLLECTION. 5630. 8 Double varieties \$1.
WHITLAVIA. Showy annual, dark blue bell-shaped flowers; excellent for small beds or ribbon border.
Gloxinioides. 5635. Blue, white throat. Pkt. 10 cts.
Grandiflora. 5636. Blue. Pkt. 10 cts.
Alba. 5637. White. Pkt. 10c.
XERANTHEMUM, Finest Double Mixed. 5640. HA. 1 1/2 feet. Profuse blooming hardy annuals with everlasting flowers. September. Pkt. 10 cts.

ZEA (Variegated Maize). HA. 6 feet.	Pkt.	Oz.
Gracillima variegata (Miniature). 5645.....	\$0 05	\$0 25
Gigantea quadricolor. 5646. Very striking; beautifully striped, white and rose.....	05	25
Japonica variegata. 5647.	05	25

Zinnias HA

These attractive and decorative hardy annuals are most desirable plants for mixed borders or bedding purposes, and are remarkable for the profusion and duration of their flowers, which are extremely useful for bouquets. The double Zinnias are exceedingly handsome, the flowers being notable for their large size, fine form, brilliancy and diversity of color.

DWARF DOUBLE VARIETIES

	Pkt.	3 pkts.
Rose. 5652.....	\$0 10	\$0 25
Carmine. 5653. Brilliant carmine.....	10	25
Canary-Yellow. 5654.	10	25
Dazzling Scarlet. 5655.....	10	25
Flesh-Pink. 5656.	10	25
Golden. 5657.....	10	25
Lilac. 5658.....	10	25
Purple. 5659.....	10	25
White. 5660. Pure.....	10	25
Yellow. 5661.....	10	25
Zebra Striped. 5662. A remarkably interesting class, growing about 18 inches high, and producing large double flowers which are striped more or less with brilliant colors in a most fantastic manner..... 10 25		
Finest Double Varieties. Mixed. 5663. In the above selection and colors..... 10 25		

Double Giants (*Zinnia grandiflora robusta plenissima*). The following are truly Giant Zinnias, with beautiful, large, double flowers. 4 1/2 to 6 inches in diameter. This class is very popular and has given universal satisfaction. Pkt.

Crimson. 5670	\$0 20
Flesh-color. 5671	20
Golden Yellow. 5672 ..	20
Purple. 5673	20
Scarlet. 5674	20
Sulphur-Yellow. 5675	20
Violet. 5676	20
White 5677	20
Tall Double, Mixed. 5678	10
COLLECTION, 5679. One pkt. each of the 8 varieties..... \$1 25	

ZINNIA LILLIPUT (1 foot)

	Pkt.
Golden Gem. 5682	\$0 10
Orange Gem. 5683	10
Scarlet Gem. 5684. Intense scarlet.....	10
White Gem. 5685	10
Choice Mixed. 5686	10
Curled and Crested. 5688. A strain having large, double flowers; the petals of which are curiously twisted and curled; many colors mixed..... 10	
Haageana fl.-pl. (Mexican Zinnia). 5689. A dwarf variety with small, double orange-colored flowers..... 10	
Haageana sulphurea fl.-pl. 5690. Dwarf spreading Mexican Zinnia, 15 to 18 inches high, differing from the bright golden orange-flowering type by its pure sulphur-yellow double flowers. Very showy in beds or borders. 3 pkts. 25c... 10	



Boddington's Quality Zinnias

ZINNIAS, continued

Jacqueminot, Dwarf. 5691. Dazzling crimson-scarlet.....	Pkt. \$0 10
Mammoth (<i>Zinnia robusta plenissima</i>). 5692. Flowers of mammoth size, very double and of striking colors.....	10
Queen Victoria. 5693. A pure white variety of the mammoth type; flowers are perfectly double, of fine form; 4 inches across.....	15

Ornamental Grasses

The perennial varieties, many of which have beautifully variegated foliage, are valuable for borders and clumps on lawns or among shrubs. The annual sorts are chiefly grown for their elegant flower panicles, which are useful in bouquet work and for dried flowers. They should be cut before being fully expanded.

Agrostis nebulosa. 5700. HA. One of the most elegant annual sorts. 1 foot.....	Pkt. \$0 05
Andropogon argenteus. 5701. HP. Hardy perennial with silvery plumes; very ornamental in groups. 3 feet.....	05
Anthoxanthum gracile. 5702. HA. For edgings; annual....	05
Apera arundinacea. 5703. HP. The Pheasant's Tail, or Silver Fountain Grass from New Zealand. A very beautiful Grass and a valuable border plant; hardy perennial; height 2 feet.....	15
Arundo donax variegata. 5704. HP. Stately perennial with drooping green and white striped leaves; excellent for lawn clumps. 9 feet.....	05



Ornamental Grasses (Annual)

ORNAMENTAL GRASSES, continued

Avena sterilis (Animated Oats). 5705. HA. The long sensitive awns readily expand and contract, causing the seed to move about; annual. 18 inches.....	Pkt. \$0 05
Briza gracilis (Small Quaking Grass). 5706. HA. Beautiful for bouquets; annual. 1 foot.....	05
Briza maxima (Large Quaking Grass). 5707. HA. Elegant panicles, excellent for bouquets and dried flowers; annual. 1 foot.....	05
Bromus brizæformis. 5708. HA. Large drooping panicles, useful for bouquets; annual. 2 feet.....	05
Coix Lacryma-Jobi (Job's Tears). 5709. HA. A strong broad-leaved grass with large shining pearly seeds; annual. 3 feet.....	05
Eragrostis elegans (Love Grass). 5710. HA. Elegant for bouquets and for use with Everlasting flowers; annual. 1 foot.	05
Erianthus ravennæ. 5711. HP. A hardy perennial grass resembling the Pampas, with beautiful foliage and fine silvery plumes; excellent for lawn specimens. Blooms the first year from seed if sown early. 8 feet.....	05
Eulalia Japonica foliis vittatis. 5712. HP. This is one of our finest hardy perennial grasses, with long, graceful leaves, dark green and white striped. It is one of the most beautiful for forming clumps. 4 feet.....	05
Eulalia zebrina (Zebra Grass). 5713. HP. The dark green leaves are barred or crossed at intervals with broad markings of yellowish white. Few variegated plants equal this in beauty.....	05
Gynerium argenteum (Pampas Grass). 5714. HP. Half-hardy perennial with magnificent silvery plumes. 10 feet....	05
Hordeum jubatum (Squirrel-tail Grass). 5715. HA. Bushy panicles; excellent for bouquets; annual. 3 feet.....	05
Lagurus ovatus (Hare's-tail Grass). 5716. HA. Hardy annual with silvery gray tufts; useful for dried flower-work. 1 foot.....	05
Pennisetum longistylum. 5717. HA. An annual grass with gracefully drooping heads. 2 feet.....	05
Pennisetum Ruppelianum. 5718. HP. The foliage is long and slender, gracefully recurved and glossy deep green in color. If sown in March in heat, the plants should bloom by the middle of July, and the silvery plumes tinted with violet-purple waving in the sunlight are beautiful; hardy perennial. 3 feet.....	05
Pennisetum longistylum violaceum. 5719. HA. 3 feet....	05
Stipa pinnata (Feather Grass). 5720. HP. Hardy perennial with silvery white, feathery plumes. 2 feet.....	05
Finest Mixed. 5721. Annual varieties.....	05
Collection. 5722. One pkt. each of 12 above Grasses, 50 cts.	
Collection. 5723. One pkt. each of 6 above Grasses, 25 cts.	

Palm Seeds

We make it a point to deliver nothing but absolutely fresh seeds of the different varieties of Palms, shipments of which we are constantly receiving from various parts of the tropics. As the different varieties ripen at different seasons of the year, we have indicated below, as nearly as possible, when each sort will arrive, and as these seeds lose their germination very quickly, we earnestly solicit orders in advance.

	Per 100
Kentia Forsteriana. March.....	\$1 00
Kentia Belmoreana. January.....	1 00
Cocos Weddelliana. January.....	1 00
Areca lutescens. April.....	1 00
Latania Borbonica. February.....	50
Livistona rotundifolia. April.....	3 00
Livistona Chinensis. March.....	3 00
Musa Ensete (Abyssinian Banana). March. Fine for tropical effect.....	2 00
Phoenix rupicola. March.....	1 00
Phoenix reclinata. March.....	50
Phoenix Canariensis. March.....	25
Phoenix Roebelenii. January.....	3 00
Dracæna indivisa. January.....	pkt. 10c., oz. 75c...
Pandanus utilis. March.....	1 00

Prices of Palm Seeds subject to change without notice

Miscellaneous Bulbs and Roots

AMARYLLIS

Owing to the increasing popularity of the better class of Amaryllis, we are encouraged to offer the Gold Medal Collections, imported directly from our European growers. On application we will send a list of varieties, with full descriptions and prices.

CULTURE.—On receipt of the bulbs in the autumn they should be placed where they will always be slightly moist and warm, under the benches of a greenhouse, for example; do not pot up the bulbs before the flower-buds appear; when first potted, give very little water, and promote growth by giving moderate bottom heat; increase the supply of water as the plants progress. Very often the mistake is made that bulbs are potted up too early; the consequence is that only leaf-growth is made. The proper soil for Amaryllis is turfy loam enriched with rotten manure.

Vittata Hybrids, Boddington's Seedlings. These seedlings contain some wonderful varieties, almost equal to named sorts. We can recommend them with the utmost confidence to the beginning Amaryllis enthusiast. \$1 each, \$10 per doz., \$75 per 100.

Johnsoni (Bermuda Spice Lily). Crimson flowers, white-striped; one of the best known varieties. 35 cts. each, \$3 per doz.

Belladonna major (Belladonna Lily). A free-flowering, fragrant variety. The flowers, which are white-flushed and tipped with deep rose, are borne on stems 2 to 2½ feet high. Extra-large bulbs, 15 cts. each, \$1.50 per doz., \$10 per 100.

Vallota purpurea (Scarborough Lily). A beautiful, free-flowering summer- and autumn-blooming Amaryllis, producing strong spikes of brilliant scarlet flowers. If a number of bulbs are planted in a 10-inch pot they form very decorative plants for the piazza or lawn. They also make excellent house plants. 25 cts. each, \$2.50 per doz., \$20 per 100.



Amaryllis Vittata Hybrids

HARDY AMARYLLIS FOR OUTDOOR PLANTING

Formosissima (Jacobean Lily). Dark crimson; flowers in early summer; requires slight protection. 15 cts. each, \$1.50 per doz.

Hallii (Hall's Amaryllis, now known as *Lycoris squamigera*). A rare, bulbous plant with attractive foliage and bright flowers. Rosy lilac, fragrant, 3 or 4 inches across; flowers in August. The foliage appears in spring, disappears in June, and is followed two months later by the naked flowers. 25 cts. each, \$2.50 per doz., \$15 per 100.

Lutea (Sternbergia; Mount Etna Lily). Bright golden yellow; hardy if well covered during the winter. 5 cts. each, 50 cts. per doz., \$3 per 100.

HARDY AMARYLLIS, continued

ZEPHYRANTHES rosea (Zephyr Flower, or Fairy Lily). Beautiful, rose-colored flowers on stems 10 to 12 inches high. 10 cts. each, 65 cts. per doz., \$5 per 100.

candida. Pure white; the freest bloomer of all Zephyranthes. 5 cts. each, 40 cts. per doz., \$3 per 100.

ACHIMENES

Profuse-blooming, tender perennials for greenhouse or conservatory decoration during summer. The scaly tubers should be potted in the early spring in a compost of turfy loam, leaf-mold and sand. They should be grown in a moist, warm temperature, shaded from the sun until they begin to bloom, when they should be kept cooler to prolong the duration of the flowers. The colors comprise white, shades of lilac, mauve, and crimson. We offer them in ten named varieties. 10 cts. each, 75 cts. per doz., \$5 per 100.

BEGONIAS, BODDINGTON'S LARGE-FLOWERING TUBEROUS-ROOTED

HOUSE CULTURE.—To start bulbs of Tuberous-rooted Begonias, place in a shallow box, about 2 inches deep, some sphagnum moss. On this put your bulbs, then cover with more moss, until the box is full. Keep moss damp, not wet, and at a temperature of about 70 degrees. In a short time both roots and stems will sprout. Then carefully plant in pots in rich, well-sifted light soil. Do not over-water at any time. If the bulbs are started in February and March, they will bloom in April and May.

THE MOST SATISFACTORY FLOWERING PLANT FOR THE SHADY BED

Although there is much to be gained in early blooming by starting the tubers as just described, the dormant bulbs may be planted 10 inches apart, unstarted, in open-ground beds the first week of May, or later, with excellent results. They will thrive in partial shade. A wind-swept situation should be avoided. Planted on the north side of a house, they make a gorgeous show, and in such places hardly any other plant will flower satisfactorily. Watch carefully for cutworms and slugs, which are very fond of the Begonia foliage; these pests can be easily combated by sprinkling Slug-Shot on the ground and on the under side of the foliage. Be especially careful not to water when the sun is on them.

BEGONIAS, BODDINGTON'S LARGE-FLOWERING TUBEROUS-ROOTED, continued

SINGLE-FLOWERING

For planting in beds and where color effect is desired, our stock of these bulbs will be found true to color and free from mixture.

Crimson	Scarlet	Pure White
Rose	Light Pink	Canary-Yellow
Orange	Salmon	Copper

Large bulbs, measuring 1½ inches and upward, separate colors, 5 cts. each, 50 cts. per doz., \$4 per 100, \$37.50 per 1,000

BODDINGTON'S SPECIAL MIXTURE. Equal proportions of the above colors. Large bulbs, measuring 1½ inches and upward, 5 cts. each, 50 cts. per doz., \$3.50 per 100, \$32.50 per 1,000.

DOUBLE-FLOWERING

These can be depended upon for producing 100 per cent double flowers, and contain very large and choice show varieties.

Crimson	Scarlet	Pink
Rose	Pure White	Orange
Salmon	Canary-Yellow	Copper-Bronze

Large bulbs, measuring 1½ inches and upward, separate colors, 10 cts. each, \$1 per doz., \$6 per 100

BODDINGTON'S SPECIAL MIXTURE. Equal proportions of the above colors. Large bulbs, measuring 1½ inches and upward, 10 cts. each, 75 cts. per doz., \$5 per 100.

We deliver seeds and bulbs anywhere in the United States at prices named in this catalogue, if your purchase amounts to \$1 or over, and cash accompanies the order.



Boddington's Tuberosus-rooted Single-flowered Begonia

Begonias, Duke Zeppelin and Lafayette

Both varieties are of the dwarf habit, reaching a height of only about 10 to 12 inches; very sturdy. They are continuous bloomers, sending up their numerous spikes of double flowers well above the foliage from June till late fall, when frost overtakes them. These two varieties and Bertini are the best for bedding in the full sunlight.

Duke Zeppelin. Intense, pure vermilion-scarlet. 15 cts. each, \$1.50 per doz., \$12 per 100.

Lafayette. Rich, brilliant crimson-scarlet. 20 cts. each, \$2 per doz., \$15 per 100.

Bertini. A beautiful bedding Begonia, producing a continuation of brilliant vermilion single flowers of rare beauty. As a bedder it stands unrivaled. 15 cts. each, \$1.25 per doz., \$10 per 100.

Phosphorescent. A real jewel; extremely floriferous and, by its clear red-lead flowers, producing a marvelous effect in the sun when planted in groups. Also well adapted to pot culture. 15 cts. each, \$1.50 per doz., \$12 per 100.

Surpasse Davisii. Numerous flowers of a deep red, borne freely on straight stems; the plant has the appearance of bronze; very effective; certainly one of the most beautiful varieties among the free-flowering Begonias. 15 cts. each, \$1.50 per doz., \$12 per 100.

Crested Tuberosus-Rooted Begonias

These are a remarkable strain of Begonias, ranging in all colors—salmon, pink, white, yellow, copper and scarlet; the size of the flowers is equal to the large singles, with the difference that the petals are of great substance and carry on the upper side a *crest-formed cockscomb*, making the flowers especially attractive. Prices, separate colors or mixed, 20 cts. each, \$2 per doz., \$15 per 100.

Friiled Tuberosus-Rooted Begonias

In this new race the flowers are very large and massive, borne on erect, stout stems and charmingly frilled. In our opinion, by far the prettiest type of Tuberosus Begonias in cultivation.

All colors from the deepest crimson to the purest white, mixed. Large bulbs, 15 cts. each, \$1.25 per doz., \$10 per 100; colors separate, 20 cts. each, \$1.50 per doz., \$12 per 100.

For cultural directions, see page 87

CINNAMON VINE

(Chinese Yam)

Splendid hardy climber of rapid growth, with bright green, heart-shaped leaves and white, cinnamon-scented flowers. 8 feet. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

CALLAS

Elliottiana and Mrs. Roosevelt may be successfully flowered in a sunny window in the spring, if potted in February, or they may be planted in the open ground early in May and will produce a profusion of bloom throughout the summer. The roots must be lifted in the autumn and stored in a frost-free, dry place over the winter.

Elliottiana. Flowers are large, rich, dark golden yellow, often 4 to 5 inches across the mouth; leaves are beautifully spotted with white. Extra-large bulbs, 40 cts. each, \$4 per doz., \$30 per 100.

Mrs. Roosevelt. Flowers light, clear yellow; very free; long stems; foliage spotted white. 25 cts. each, \$2.50 per doz.

Richardia alba maculata (Spotted Calla Lily). Deep green leaves, spotted with white; flowers pure white, with black center. Free-flowering. Large bulbs, 10 cts. each, 75 cts. per doz., \$6 per 100.

CALADIUM ESCULENTUM (Elephant's Ear)

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn. To obtain the best results they should be started in the house early in April, and planted where they will obtain plenty of water and an abundance of rich compost. When full size, it stands 6 to 10 feet high, and bears immense, light green leaves, 3 to 4 feet long by 2½ feet wide.

	Each	Doz.	100
Bulbs, 5 to 7 in. in circum.....	\$0 10	\$1 00	\$6 00
Bulbs, 7 to 9 in. in circum.....	20	2 00	10 00
Bulbs, 9 to 11 in. in circum.....	25	2 50	15 00
Monster bulbs, 12 in. and upward in circum.	50	5 00	40 00

CALADIUMS

FANCY-LEAVED

Fancy-leaved Caladiums require starting in a greenhouse where the night temperature ranges from 60 to 70 degrees, and a moist atmosphere.

BODDINGTON'S BRAZILIAN COLLECTION

Twelve varieties which were selected as the best of the collection of a famous savant and horticulturist of Rio de Janeiro, who has spent many years of painstaking effort in developing them. 35 cts. each, \$3.50 per doz., \$25 per 100. Collection of 1 each of 12 varieties, \$3.50.

NEHRLING'S FLORIDA COLLECTION

The twelve most beautiful and interesting Caladiums offered by this famous American grower for this season.

40 cts. each, \$4 per doz., \$30 per 100. Collection of 12 varieties, \$4.

ENGLISH GOLD-MEDAL COLLECTION

These varieties are the product of the most celebrated English Caladium specialist, and consist of varieties for which he has been awarded many Gold Medals by the most important European horticultural societies. They are all varieties of extravagant and gorgeous coloring harmoniously softened, and the handsomest transparent-leaved sorts, the cream of more than 100 varieties. 75 cts. each, \$7.50 per doz., \$60 per 100. Collection of 12 varieties, \$7.50.



Fancy-leaved Caladium, showing type of English Gold-Medal Collection

Boddington's Large-Flowering Cannas

Cannas grow well and luxuriantly in all sections of this country, succeeding in any sunny position and in almost any kind of soil, though they respond nobly if given a deep, rich loam and plenty of water. A month or more can be added to the flowering period by starting roots in the house in shallow boxes in moss during March.

Location of Bed.—In preparing the Canna-bed, dig deeply and thoroughly incorporate a liberal amount of well-rotted manure. Locate your Canna-beds where the roots of large trees will not rob them of moisture. But don't think your beds need to be in the middle of a lawn. Excellent results are obtained from marginal beds, made against an unsightly fence, flanking verandas, wall foundations, or in clusters where there is a bareness of vegetation.

Planting.—Plant the *dormant roots* about May 1, or as soon as danger of frost is past. In planting circular beds, put one Canna in the center first, then plant successive circles 18 inches apart, leaving that distance between each two plants also.

FOR BEST EFFECT, PLANT CANNA BEDS ALL OF ONE COLOR

A round bed, 4 feet in diameter, requires 10 roots.

A round bed, 7 feet in diameter, requires 20 roots.

A round bed, 10 feet in diameter, requires 40 roots.

A round bed, 16 feet in diameter, requires 100 roots.

Newer Varieties Specially Recommended

QUEEN HELEN. Synonymous with Yellow King Humbert, but possibly some of our customers know it better under this name. 25 cts. each, \$2.50 per doz., \$20 per 100.

YELLOW KING HUMBERT. Possesses the vigor, freedom, and size of bloom of the old King Humbert variety, but has bright green foliage and produces large masses of yellow flowers dotted with red. 25 cts. each, \$2.50 per doz., \$20 per 100.

CONOWINGO. An intense fiery scarlet. Its foliage is an unusually beautiful plum color at the base, shading to rich olive-green at the tip. The stately flowers are freely produced and stand well above the foliage, thus showing themselves off to good advantage. 4 to 5 feet. 25 cts. each, \$2.50 per doz., \$20 per 100.

KATE F. DEEMER. The flowers open a rich oriole-yellow, which gradually gives place to turkey-red in the center and throat of the flower, the rest of the blossom turning almost white. Buds are rich yellow on reddish brown stems. 4 feet. 25 cts. each, \$2.50 per doz., \$20 per 100.

WINTZER'S COLOSSAL. The largest-flowering Canna we have seen. Individual florets often measure over 8 inches across. Color a strikingly vivid scarlet that retains a wonderful brilliancy. A vigorous grower and very free flowering. It is of the Italian or orchid-flowering type and very striking. We can recommend this fine new acquisition with the greatest confidence. 5 feet. 25 cts. each, \$2.50 per doz., \$20 per 100.

BODDINGTON'S LARGE-FLOWERING CANNAS, continued

CANNAS OF SPECIAL MERIT

The following varieties are the cream of all Cannas in their respective colors.

GUSTAVE GUMPPER. 3½ to 4 feet. The finest yellow bedding Canna; the fine trusses always clean-looking; in habit of growth very uniform; color a rich golden yellow, a shade that has been missing heretofore. 20c. ea., \$2 per doz., \$12 per 100.

KING HUMBERT. 5 feet. Its flowers, which, under ordinary conditions measure 6 inches in diameter, are produced in heavy trusses of gigantic size, are of a brilliant orange-scarlet, with bright red markings, while the foliage is broad and massive and of a rich coppery bronze, with brownish green markings. 10 cts. each, 75 cts. per doz., \$5 per 100.

ROSEA GIGANTEA. 3½ feet. Single petals are 2½ inches across; color a deep, rich rose, almost a coral-carmine. 25 cts. each, \$2.50 per doz., \$20 per 100.

PANAMA. 3 feet. The color of this splendid Canna is unusual, being an attractive rich orange-red, with a well-defined edge of bright golden yellow. 25 cts. each, \$2.50 per doz., \$20 per 100.

FIREBIRD. 4 feet. This is in every way one of the best red-flowered, green-leaved Cannas today. The petals measure 2½ inches and more across, and the color is a clear, glistening scarlet without any streaks, spots or blotches. While the flower is superior to Meteor, the foliage is not quite so handsome. 75 cts. each, \$7.50 per doz.

METEOR. (Boddington's variety.) 5 feet. The solid mass of deep dazzling crimson bloom produced is spectacular. Undoubtedly our best red, and one that will always be in the front rank when a brilliant crimson is desired. 35 cts. each, \$3.25 per doz., \$25 per 100.

MRS. ALFRED F. CONARD. 4 feet. Its exquisite salmon-pink flowers are of largest size, so freely produced as to keep a superb showing for months. 20 cts. each, \$2 per doz., \$12 per 100.

MONT BLANC. 3½ feet high. In color it is almost a pure white. 10 cts. each, 75 cts. per doz., \$5 per 100.

Yellow-Flowering, Green Foliage

AUSTRIA. 5 feet. Pure canary-yellow; an Orchid-flowering type. 10 cts. each, 75 cts. per doz., \$5 per 100.

GLADIATOR. 4 feet. Bright yellow, thickly spotted crimson; blooms profusely. 10 cts. each, 75 cts. per doz., \$5 per 100.

RICHARD WALLACE. 5 feet. Canary-yellow, with exceptionally large flowers; green foliage. 10 cts. each, 75 cts. per doz., \$5 per 100.

FLORENCE VAUGHAN. 5 feet. Yellow, spotted crimson. 10 cts. each, 75 cts. per doz., \$5 per 100.

JOHANNA KANZLEITER. 3½ to 4 feet. Light amber-yellow, changing to creamy white as it matures; very free and attractive. 10 cts. each, 75 cts. per doz., \$5 per 100.

Red-Flowering, Green Foliage

PRESIDENT CLEVELAND. 3 feet. Fine, large flowers in heavy, erect trusses; rich, bright, orange-scarlet; very showy and handsome. 10 cts. each, 75 cts. per doz., \$5 per 100.

PRESIDENT MCKINLEY. Dwarf habit, growing only 2½ to 3 feet. Brilliant crimson, with scarlet shading. 10 cts. each, 75 cts. per doz., \$5 per 100.

LOUISIANA. 7 feet. A strong, vigorous-growing variety, producing a dense mass of glossy green foliage and vivid scarlet flowers, often measuring 7 inches across. 10 cts. each, 75 cts. per doz., \$5 per 100.

RED-FLOWERING, GREEN FOLIAGE, continued

EXPRESS. The Geranium Canna. 2 to 2½ feet. Color scarlet-crimson; the clusters are large and compact; foliage green. Dwarf habit, fine for edging or bedding. 10 cts. each, \$1 per doz., \$7.50 per 100.

FURST BISMARCK. 4 feet. Rich scarlet-crimson; of large size. 10 cts. each, 75 cts. per doz., \$5 per 100.

BLACK PRINCE. 3 to 4 feet. Intense, dark velvety maroon; grows strong and erect, fine dark red stems, and deep green leaves edged with purple. 10 cts. each, 75 cts. per doz., \$5 per 100.

Gold-Edged, Green Foliage

MAD. CROZY. 4 feet. Vermilion with gold border. 10 cts. each, 75 cts. per doz., \$5 per 100.

SOUV. DE A. CROZY. 4 feet. Crimson with gold band. 10 cts. each, 75 cts. per doz., \$5 per 100.

GENERAL MERKEL. 5 feet. Scarlet, suffused with orange, base and edge of flower marbled with golden yellow. The best of the scarlet-gold banded varieties. 10 cts. each, 75 cts. per doz., \$5 per 100.

GLADIOFLORA. 3½ feet. Remarkable for the unusual shape of the flowers, which look like large gladioli. Petals are not long, but short and rounded, and so wide that they overlap each other, thus giving a very attractive appearance to the flowers; color is crimson, changing to carmine-rose with an uneven edge of gold to each petal. 10 cts. each, 75 cts. per doz., \$5 per 100.

VENUS. 4½ feet. The color is a gay rosy pink, with a mottled border of creamy yellow. It blooms splendidly, with heads erect and flowers bright. 10 cts. each, 75 cts. per doz., \$5 per 100.

Bronze-Leaved Cannas

DAVID HARUM. 3½ feet. Flowers of large size, with well-rounded petals of good substance; color bright vermilion-scarlet, dotted with crimson spots; foliage bronze. 10 cts. each, 75 cts. per doz., \$5 per 100.

BRANDYWINE. 4 feet. Bronze-leaved. Color is intense vinous red, beautifully mottled with deep crimson; two or three petals are sometimes narrowly edged with bright gold. 10 cts. each, 75 cts. per doz., \$5 per 100.

PRES. MEYER. 4 feet. A glorious Canna; color rich cherry-carmine, producing a gorgeous effect; bronzy foliage. 10 cts. each, 75 cts. per doz., \$5 per 100.

WILLIAM SAUNDERS. 3½ feet. A gorgeous-bronze-leaved variety. The flowers are of a bright crimson-scarlet, often measuring 5 inches across, of remarkable substance. 15 cts. each, \$1.50 per doz., \$10 per 100.

DR. BUDINGEN. 4 feet. One of the most brilliant scarlets, both the individual flowers and the trusses being of large size; bronze foliage. 15 cts. each, \$1.25 per doz., \$7.50 per 100.

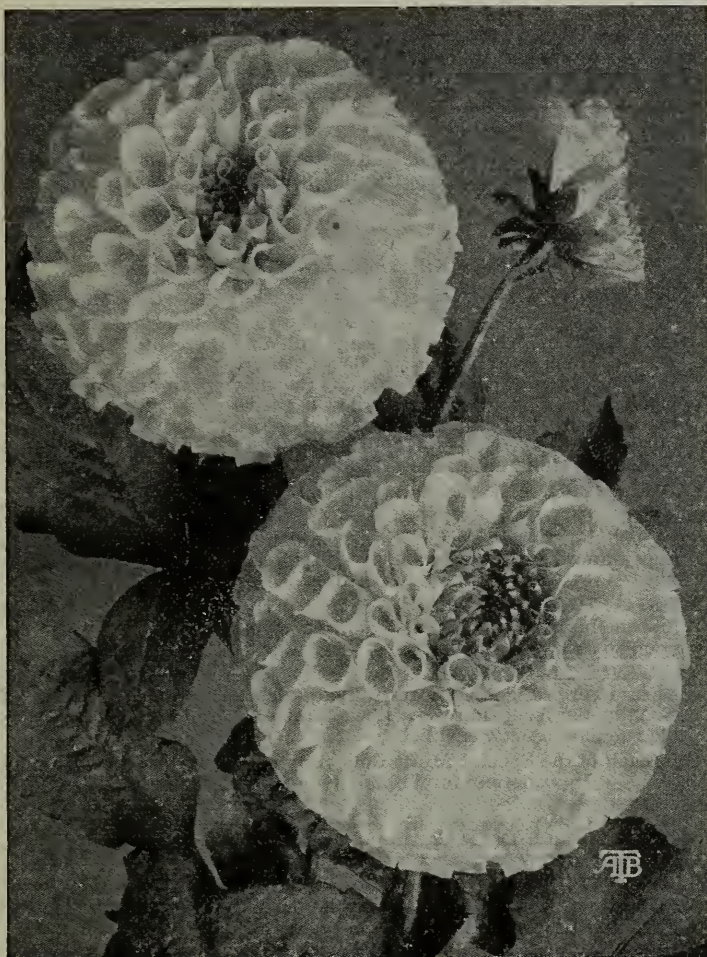
WYOMING. 7 feet. Massive orange-colored blossoms, true orchid-shape, with large, rounded petals. 10 cts. each, 75 cts. per doz., \$5 per 100.

EGANDALE. 4 feet. Currant-red; handsome bronze foliage. 10 cts. each, 75 cts. per doz., \$5 per 100.

SHENANDOAH. 6 feet. A splendid bronze-leaved variety; large, salmon flowers. 10 cts. each, 75 cts. per doz., \$5 per 100.



Panama
Canna



Type of Show Dahlias

NOVELTY CENTURY DAHLIAS

ELINOR. This charming New Seedling is one of the finest Single Dahlias in existence and is destined to become, by virtue of genuine merit, one of the most popular to date. The color is a delightful lemon-yellow, heavily tipped a light shade of crushed strawberry. 25 cts. each.

GLOWING GEM. A splendid flower, with perfectly gorgeous coloring, being rich, deep crimson. 25 cts. each.

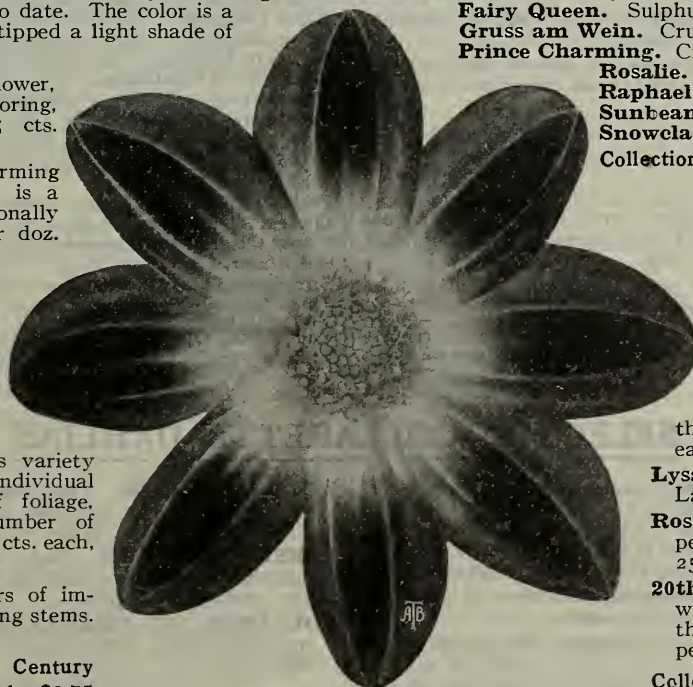
MILDRED. One of the most charming of the Single type. The color is a bright, clear yellow and exceptionally showy. 25 cts. each, \$2.50 per doz.

MR. FRANK I. SHOREY. The coloring is most fascinating and delightful, being a beautiful waxy white effectively veined and shaded delicate pinkish lavender. 35 cts. each, \$3.50 per doz.

NEWPORT BEAUTY. The extremely good habit and compactness of growth makes this variety one of the most valuable. Each individual plant makes a solid bush of foliage, crowned with an unlimited number of dazzling crimson-pink flowers. 35 cts. each, \$3.50 per doz.

THE BRIDE. Pure white flowers of immense size, and produced upon long stems. 35 cts. each, \$3.50 per doz.

Collection of 6 varieties of Novelty Century Dahlias for \$1.50; two collections for \$2.75



Type of Century Single Dahlia

SHOW AND FANCY DAHLIAS

NEW SHOW DAHLIA

VIVIAN. A great favorite which received the admiration of everyone who saw its wonderful flowers; the color being white, effectively edged rose-violet, an extremely wonderful blending of color possessed only by the rare novelties. A variety worthy of the highest words of praise. 75 cts. each.

THE FINEST STANDARD VARIETIES

25 cts. each, \$2.50 per doz., \$20 per 100, except where noted

A. D. Livoni. Soft pink.

Acquisition. Deep lilac, with cup-like petals.

Dorothy Peacock. Flowers large and of exquisite form, while the color is that beautiful, clear, live pink which appeals to everyone.

Dreer's White. Color, pure glistening white, resembling in form the popular Grand Duke Alexis, while in freedom of flowering it is not surpassed by any.

Elsie Davidson. New giant-flowering Show Dahlia. A beautiful deep golden yellow.

Frank Smith. Deep maroon, white tips.

Maud Adams. The color is a pure, snowy white, very effectively overlaid clear, delicate pink. One of the finest of the Show type. 50 cts. each.

Merlin. Bright orange-scarlet. One of the best ever offered.

Muriel. Deep orange; very free; one of the finest.

Norma. Bright orange. One of the best grown; extra-fine shape.

Queen Victoria. Clear, pure canary-yellow.

Rose. One of the largest of recent introduction; a remarkable Dahlia of decided formation. Color, a deep rose; flowers are carried erect upon extra-long stems; exceedingly free flowering.

Storm King. Flowers are snow-white; extremely early and a free bloomer, producing its flowers on long stems.

Stradella. Beautiful deep purple-crimson. Very free flowering. One of the finest to date.

Collection of above 14 varieties Show and Fancy Dahlias for \$3.50; two collections for \$6.50, by express or parcel post, prepaid

POMPON DAHLIAS

All varieties 25 cts. each, \$2.50 per doz.

Amber Queen. Rich, clear amber, shaded apricot.

Bobby. Plum-color; one of the best.

Darkest of All. Nearly black; best dark.

Fairy Queen. Sulphur-yellow, edged pink.

Gruss am Wein. Crushed strawberry.

Prince Charming. Cream, tipped purple. One of the best.

Rosalie. Pale primrose, tipped pinkish red.

Raphael. Very dark maroon; of extra-fine form.

Sunbeam. Crimson; fine.

Snowlad. The finest white Pompon to date.

Collection of above 10 varieties of Pompon Dahlias, \$2.25

CENTURY DAHLIAS

The flowers measure from 4 to 6 inches in diameter, borne on stems 2 to 3 feet in length.

Bianche. Large; a pale yellow at the base, faintly tipped pink. 20 cts. each, \$2 per doz.

Lysander. Crimson, striped maroon. Large. 25 cts. each, \$2.50 per doz.

Rose-Pink Century. Of immense size, perfect form and of great substance. 25 cts. each, \$2.50 per doz.

20th Century. Intense rosy crimson, with white tips and white disk around the yellow center. 25 cts. each, \$2.50 per doz.

Collection of the above 4 varieties Century Single Dahlias for 90 cts.

PEONY-FLOWERED DAHLIAS (THE ARISTOCRATS OF THE DAHLIAS)

The Peony-flowered Dahlias comprise a comparatively new type of this great decorative plant, and have created a sensation wherever shown. They have also received the highest honors ever accorded novelties. Blooms grow erect on tall stems, are of large size, measuring 6 to 8 inches across, and of remarkable coloring. They are excellent for cutting and all decorative purposes, and last well in water. We were the first to offer the Peony-flowered Dahlias in America.

NEW AND SELECT VARIETIES

Alice Evelyn. A free-flowering, long-stemmed variety. The coloring is most exquisite, a beautiful golden yellow, delicately overlaid salmon-pink. \$1 each.

Mrs. Bowen Tufts. A gigantic new variety of perfect habit. Gorgeous rosy purple. \$1 each.

Mrs. W. W. Crowell. A remarkably sturdy variety of great beauty; orange-yellow. 50 cts. each.

Miss Cabot. The flowers are of a very dainty shell-pink, of large size, and nearly full to the center, each petal being semi-cupped and pointed. 75 cts. each.

Rochester. Deep crimson-maroon, effectively striped and splashed pure white, with the beautiful golden yellow center characteristic of the Peony-flowered type. 75 cts. each.

South Pole. A new English variety of great value. Flowers large, fluffy, pure white. \$1 each.

St. Louis. One of the most free flowering. A sterling variety of perfect form and ideal habit; beautiful waxy white, daintily overlaid lavender. 75 cts. each.

Collection: One each of the above 7 varieties, \$5.50

VARIETIES OF SPECIAL MERIT

AVALANCHE. Pure white; the best in this class. 50 cts. each, \$5 per doz.

BARON G. DE GRANCY. Glistening, pure white. The flowers are borne in a miraculous profusion upon long, graceful stems. 35 cts. each, \$3.50 per doz.

CÆSAR. Canary-yellow, well-formed flowers, borne on long stems. 35 cts. each, \$3.50 per doz.

CECILIA. Creamy white; very large flower. 50 cts. each, \$5 per doz.

CHATENAY. Color similar to the well-known Chatenay Rose, carmine, shaded salmon; blooms held erect on good, stiff stems. \$1 each.

DR. PEARY. Dark, velvety mahogany, unique color, the darkest of this section. 50 cts. each, \$5 per doz.

ELINOR A. INNES. Flowers of a beautiful purple, with an exquisite yellow center, which lends an additional charm to the entire flower; free flowering. \$1 each.

GEISHA. The most peculiar color in this class. Orange-red, with yellow center, paling off toward the ends of the petals. 50 cts. each, \$5 per doz.

GLORY OF BAARN. Fragrant. Clear soft pink; a most pleasing flower whose light rosy tint and yellow center form a perfect contrast with the deep green foliage. Flowers produced freely on long, wiry stems. 25 cts. each, \$2.50 per doz.

HAMPTON COURT. Bright deep pink, with a beautiful golden yellow center. 75 cts. each, \$7.50 per doz.

H. J. LOVINK. White, shaded lilac; very robust grower, carrying its flowers erect above the foliage. 35 cts. each, \$3.50 per doz.

VARIETIES OF SPECIAL MERIT, continued

HORTULANUS BUDDÉ. Glowing scarlet. 50 cts. each, \$5 per doz.

JOHN GREEN. Coloring intensely brilliant, the center clear golden yellow, quickly changing to fiery scarlet. The great feature of this variety is its lasting quality, the flowers remaining in full beauty for over a week. Awarded First-class Certificate, National Dahlia Society, London, and received XXX from the joint committee of the Royal Horticultural Society and National Dahlia Society's Dahlia trials at Cardiff. \$1 each.

LOVELINESS. Pale lilac, shaded white. \$1 each, \$10 per doz.

MARIE STUDHOLME. Delicate, bright mauve-pink, shaded with a glistening ivory sheen, this beautiful combination giving the appearance of a lavender-pink. Petals very gracefully curved and twisted. 35 cts. each, \$3.50 per doz.

MRS. A. PLATT. Blooms large and perfectly formed, color magnificent bluish pink. 75 cts. each, \$7.50 per doz.

PAINTED LADY. Pale rose. 75 cts. each, \$7.50 per doz.

VIRGINIA MARSHALL. New peony-flowered seedling. The petals are very long and beautifully quilled and twisted. An exceptionally dainty primrose-yellow, faintly overlaid a delicate rose-lilac shade. 75 cts. each.

One each of the Special Merit Collection of Peony-flowered Dahlias, 18 varieties, for \$10.50; two collections for \$20

GENERAL COLLECTION

All varieties, 25 cts. each, \$2.50 per doz., \$20 per 100

Admiration. Deep rosy crimson, yellow at base of petals. Flowers large and full, each petal semi-cupped and pointed.

Andrew Carnegie. Salmon-pink, with bronze shadings.

Bertha von Suttner. Beautiful salmon-pink, shaded yellow; the flowers are of elegant form and carried erect.

Dr. K. W. van Gorkom. Magnificent, large blooms of white, softly shaded rose; very free blooming.

Duke Henry. Dark red.

Germania. Wine color with yellow markings; unique and distinct.

H. Hornsveld. Enormous flowers of elegant form; soft salmon-pink.

Hugo de Vries. Orange-and-brown flowers; dwarf variety.

King Leopold. Yellow; flowers very large.

King Edward. Large; purple-crimson.

Konigin Emma. Very large; soft rosy lake.

Konigin Wilhelmina. An enormously large, pure white flower; sometimes measuring 7 inches in diameter.

La Riante. Pink; large flower.

P. W. Janssen. Fine rosy salmon; good, long stems; odd color.

Phenomené. Cactus-shaped florets; salmon shade, suffused light amber.

Priscilla. A light orange-scarlet.

Queen Alexandra. Sulphur-white; excellent flower.

Snow Queen, or Sneewitjie. Pure white.

Solfatara. Beautiful form; scarlet, gold center.

Sunrise. One of the most fascinating varieties in existence, the color being an exquisite, clear, lively pink.

Collection: One each of the above 20 Peony-flowered varieties for \$4; two collections for \$7.50

SELECTED COLLARETTE DAHLIAS

ACHIEVEMENT. Clear, rich, velvety maroon; collar, a beautiful snowy white, very daintily overlaid a delicate shade of pinkish crimson. The remarkable contrast of the above combination of color, together with its ideal form and profusion of flowers, secures for this variety a supreme place in the Dahlia world. 50 cts. each.

DIRECTEUR RENE GERARD. Beautiful violet-purple, shaded and tipped white; collarette white. 25 cts. each.

MAURICE RIVOIRE A gorgeous rich crimson with pure white collar. 25 cts. each.

Collection: One each of the above 6 varieties, \$1.50

MME. E. POIRIER. Deep purple, suffused lighter, which gives a violet-blue effect; collarette pure white, a striking and effective color combination. 35 cts. each.

PRESIDENT VIGER. Reddish carmine; collar pure white. An exceedingly effective variety, the color combination being one of the prettiest imaginable. 25 cts. each.

SOUVENIR DE CHABANNE. Lemon-yellow with coral-red markings; collar lemon-yellow, occasionally tipped white. 25 cts. each.

BEAUTIFUL NEW CACTUS DAHLIAS FOR 1918

Mrs. Ferdinand Jeffries. This is one of the largest Cactus Dahlias grown. Deep, velvety maroon with crimson shadings and black center. In formation the flower is irregular, the long petals being curled and twisted, giving it a shaggy appearance. We recommend it to all who want the "queen" of all dark Cactus Dahlias. 4 ft. \$1 each.

Snowstorm. A large, pure white flower of fine form; a splendid flower for any purpose. This variety is undoubtedly one of the best white Cactus Dahlias to date. 3 ft. \$1 each.

CACTUS DAHLIAS OF SPECIAL MERIT

35 cts. each, \$3.50 per doz., except where priced

BRIGADIER. Bright crimson base and outer petals scarlet-crimson; petals long and numerous; large full flowers.

DIABOLO. Base of the florets yellow to white; the upper portion of petals is suffused with rose, each petal is then splashed, speckled and striped with chocolate and crimson, giving the flower a most extraordinary appearance.

DIADEM. This is a telling exhibition variety, with very narrow petals incurved to such an extent as, almost to meet in the center. Very large and graceful. One of the best of the lilac shades.

GOLDEN GEM. One of the best golden yellow Cactus Dahlias.

KALIF. A truly majestic flower, frequently measuring over 9 inches in diameter; petals broad, straight, and beautifully quilled at the points. The color is a pure, rich scarlet. A variety we can highly recommend. \$1 each.

NANTWICH. With this variety the habit is a great feature, as well as the flower, the growth being upright and the flower stem particularly strong. The blossoms are of most exquisite incurved form, the florets being evenly placed and unusually good in texture. The color is a beautiful golden orange somewhat deeper in the center. A genuine Dahlia in every way. \$1 each.

REINE CAYEUX. An exceptionally free-flowering variety of great substance. The plants are literally covered with flowers from July until frost. The flowers are medium size, of a beautiful ruby-crimson, and are excellent for exhibition purposes.

REV. DR. BAKER. Always covered with large and perfect flowers. The coloring is very odd, being a novel shade of plum. Excellent for exhibition or garden purposes.

STELLA. Rich vivid scarlet; perfect flower.

MRS. GEO. CASELTON. This is one of the finest dark shades ever introduced. The color is a blackish maroon, shaded with purple.

THOMAS CHALLIS. A very rich tone of salmon-red; florets arranged with the utmost regularity. Very good, strong grower.

YONNE CAYEUX. A most beautiful form, a perfect star shape, petals being located with most exact regularity; color an immaculate white; a large flower and an acquisition of first order.

Collection, one of each, 12 Cactus Dahlias of Special Merit, \$5

SELECT CACTUS DAHLIAS

25 cts. each, \$2.50 per doz., \$20 per 100

Alight. Rich, deep orange, with a much brighter center; extra fine.

C. E. Wilkins. A clear salmon-pink, overlaying yellow.

Dainty. Lemon-yellow, tipped rose-pink; very delicate.

Eureka. Has all the good qualities of a Dahlia. Color a deep purple.

F. H. Chapman. A deep orange-yellow of extra-fine form.

Forbes-Robertson. Light orange.

Fred Cobbold. Bright crimson. One of the best; large and bold.

Genista. Deep amber, shading gold. Extra.

J. H. Jackson. Blackish maroon. Very large.

Jeannette. Buttercup-yellow.

Kathleen Bryant. Deep, rich, velvety crimson. One of the finest.

Mrs. de Luca. Golden yellow, tipped with orange; most effective.

W. B. Childs. Blackish maroon; purple shadings; extra large.

Wellington. Glowing crimson with a shade of purple toward tips.

Wm. Marshall. Rich orange, with yellow center.

Collection, one of each of the above 15 varieties, \$3.50

NEW DECORATIVE DAHLIAS FOR 1918

Jennie Faulkner. One of the most distinctive, medium-sized varieties. It is an intense reddish peach color, shading to yellow at base of petals and showing a silvery reflex on the edges. It is impossible to describe the color combinations and tints accurately. They must be seen to be appreciated. A splendid bloomer. 4½ ft. \$1 each.

Evelyn V. Marshall. The ground-color is white, heavily overlaid with violet-red, showing white tips and edges. The color combinations are similar to those in Mme. A. Lumiere, but the flowers are three to four times as large. The flowers are quite variable in color and usually become lighter colored as the season advances. 4½ ft. \$3 each.

Mrs. Wm. H. Pepin. One of the best white Decorative Dahlias in existence. It is greatly superior in both size and form to the celebrated Mme. Marze, which has for several years been regarded as the best white in this class. As an exhibition flower it is a winner every time. 4 ft. \$2.50 each.

INTRODUCTIONS OF 1917

Darlene. An exquisite shade of lively shell-pink, with a dainty blending of white at center. The plants make ideal specimens, averaging about 3 feet in height. The foliage is a heavy deep green, the plants being literally covered with blossoms from early July until frost. Unquestionably the finest pink and white Decorative to date. \$1 each, \$10 per doz.

Frank A. Walker. A charming shade of deep lavender-pink, having long stems and producing flowers in great abundance. Should be in every garden. 75 cts. each.

Santa Cruz. A remarkably handsome variety of perfect form, the coloring being exceedingly wonderful. An exquisite deep lemon-yellow, artistically overlaid and blending a novel shade of salmon-pink. Exceptionally large and free flowering. The plants are strong and robust, producing their gigantic flowers upon good stems, well above the foliage. 75 cts. each.

STANDARD VARIETIES OF DECORATIVE DAHLIAS

Berch van Heemstede. Pure yellow. \$1 each.

Cuban Giant. Dark, rich maroon. 25 cts. each, \$2.50 per doz.

Catherine Duer. The Dahlia of Newport. For effect in artificial light after being cut, there is hardly another variety which has more brilliancy; a giant flower borne on erect stems; its deep, rich, glowing red is most effective. 25 cts. each, \$2.50 per doz.

Clifford W. Bruton. A grand, free-flowering yellow. The flowers are especially fine for cutting. 25 cts. each, \$2.50 per doz.

Delice. The finest pink Decorative Dahlia; color a soft, delicate pink. Flowers on straight stems, often 18 inches in length. Grows 3 feet high. 25 cts. each, \$2.50 per doz.

Fireburst. Intense scarlet, slightly shaded orange. Height, 3½ feet. 50 cts. each, \$5 per doz.

Hortulanus Witte. Pure white. One of the best. 75 cts. each.

J. M. Goodrich. A beautiful salmon-pink, each petal effectively tipped primrose-yellow. 75 cts. each, \$7.50 per doz.

Le Grand Manitou. White, exquisitely striped, splashed, and blotched deep reddish violet. The plants occasionally bear a solid violet-colored flower. 35 cts. each, \$3.50 per doz.

Jack Rose. A beautiful dark crimson. 35 cts. each, \$3.50 per doz.

Mrs. Roosevelt. The color is a delicate shade of soft pink; flowers are perfectly double and very large. 35 cts. each, \$3.50 per doz.

Mina Burple. Flowers of gigantic size. A glowing crimson exquisitely overlaid a wonderfully gorgeous, deep crimson. Flowers well above the foliage. 50 cts. each, \$5 per doz.

Mme. A. Lumiere. Pure white with violet-red points, a fine contrast of colors; distinct. 4 feet. 25 cts. each, \$2.50 per doz.

Minos. Intense velvety maroon, almost black. Fine for all uses. 25 cts. each, \$2.50 per doz.

Princess Juliana. Pure white; free flowering; the best white for cutting. 50 cts. each, \$5 per doz.

Surpasse Colosse. Deep scarlet-crimson. 25 cts. each, \$2.50 per doz.

Souv. de Gustave Douzon. Pure scarlet. 25 cts. each, \$2.50 per doz.

Yellow Colosse. Large, showy flowers of pure primrose-yellow, on long, graceful stems. 25 cts. each, \$2.50 per doz.

Collection, one of each of above 18 varieties for \$7



Gladiolus, Ruffled Type, Kunderdi Glory

The Beautiful New Race of Gladioli with Ruffled or Fluted Petals

The five varieties offered below of the new "Ruffled" type are the production of twenty-one years of scientific crossing and selection by Mr. A. E. Kunderd, whom we believe to be the world's foremost Gladiolus hybridist. If you wish to have something unusual in Gladioli for the garden or exhibition, we cannot recommend these varieties too highly.

Azalea. Diamond form. White ground color, splashed with pink, beautiful throat markings; handsomely ruffled. 20 cts. each, \$2 per doz., \$16 per 100.

Little Diamond. Diamond form, like Azalea. Rich salmon-pink, flaked deeper salmon, with beautiful flaked and penciled throat. A very beautifully ruffled and richly colored variety. 20 cts. each, \$2 per doz., \$16 per 100.

Youell's Favorite. One of Henry Youell's (Secretary American Gladiolus Society) favorites among the ruffled varieties. Large flower and plant; striking rosy lavender pink; conspicuous and fine. 20 cts. each, \$2 per doz., \$16 per 100.

White Glory. Gorgeous pure white of same size and type as Kunderdi Glory, with beautiful iris-blue throat. Fine as a delicate iris. 50 cts. each, \$5 per doz., \$37.50 per 100.

Kunderdi Glory. Broad-expanded, wide-open flowers, paired by twos, face all in the same direction, and are carried on straight, stout stalks never less than 3½ feet in height. From four to eight flowers are open at one time; each petal is exquisitely ruffled and fluted at the edges. The color is delicate cream-pink with a crimson stripe in the center of each lower petal. 10 cts. each, 75 cts. per doz., \$5 per 100

Collection of 5 Ruffled Gladioli, 1 of each\$1 00
Collection of 5 Ruffled Gladioli, 12 of each10 00

Cultural directions sent with each order

KUNDERD'S NEW VARIETIES OF PLAIN-EDGED GLADIOLI

Challenger. Very large and vigorous plant; dark rich velvety red; solid color. 25 cts. each, \$2.50 per doz., \$20 per 100.

Giant White. An extra-large white of great substance. White with slight marking on the lower petals. 20 cts. each, \$2 per doz., \$16 per 100.

Gov. Hanley. Tall; rich cardinal-red, with deeper throat color. Very early. 10 cts. each, \$1 per doz., \$8 per 100.

Ida Van. Beautiful deep salmon-red, or orange pink—a very rich and brilliant color. Highest awards at Cleveland, and London, England. 10 cts. each, \$1 per doz., \$8 per 100.

Lily White. Of good height and size bearing six and seven all-white expanded flowers at once. Very early and excellent for either forcing or bedding. 50 cts. each, \$5 per doz., \$40 per 100.

Mary Pickford. An extraordinary flower; color delicate creamy white with soft sulphur-yellow throat. \$1 each, \$10 per doz., \$80 per 100.

Mrs. A. E. Kunderd. Large-flowered, tall, superbly formed white with a slight tint of blush-pink. 15 cts. each, \$1.50 per doz., \$12 per 100.

Parexcel. Salmon-pink, with deeper pink blotches in the throat. 25 cts. each, \$2.50 per doz., \$20 per 100.

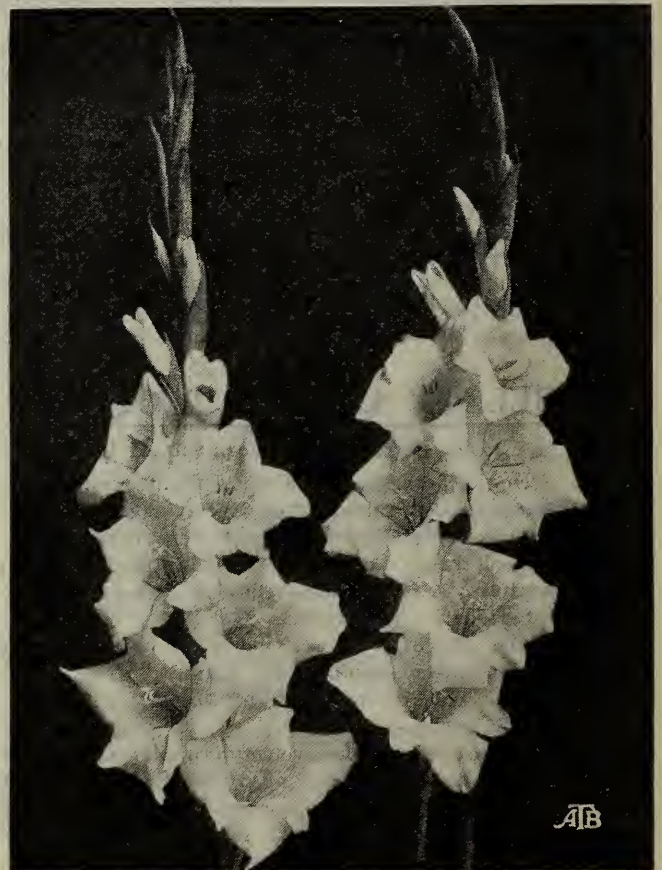
Red Amaryllis. Brilliant blood-red flower of giant size. Awarded First for the best red at the Society of American Florists' Convention, and American Gladiolus Society Show, Boston. 15 cts. each, \$1.50 per doz., \$12 per 100.

Red Wing. Fine red; good height; medium-sized flower. Many blooms open at a time; beautifully blotched throat. 10c. each, \$1 per doz.

Snow Flake. Large flower without any tint or markings whatever. 25 cts. each, \$2.50 per doz., \$20 per 100.

Summer Beauty. Very choice; deep salmon, distinct shade; tall and showy; 15c. each, \$1.50 per doz., \$12 per 100.

Collection, 1 each Kunderd's New Plain-edged Gladioli, 12 varieties, \$2.50, 6 of each \$13, 12 of each \$25



Gladiolus, Lily White

BODDINGTON'S QUALITY GLADIOLI

CULTURE.—Gladioli are easily grown in any ordinarily good garden soil, provided the situation is sunny. They may be planted in rows, beds, or groups 3 inches apart covered with 3 or 4 inches of soil. Press the earth firmly around the bulbs. Water freely but always after sun-down and cultivate frequently to prevent the surface of the soil hardening. A succession of blooms can be had by planting the bulbs at intervals of two weeks from about April 15 to July 1.

America. One of the most vigorous and easily grown Gladioli known. The flowers are of immense size, of the most exquisite, soft lavender-pink. For cut use and bedding it is indispensable. 5 cts. each, 35 cts. per doz., \$2.50 per 100.

Attraction. Deep, dark, rich crimson, with a very conspicuous, large, pure white center and throat. At once a most beautiful and attractive sort. 10 cts. each, 75 cts. per doz., \$5 per 100.

Augusta. Pure white, with slight tint of lavender on throat. An inexpensive and excellent white variety for growing in quantity. 5 cts. each, 50 cts. per doz., \$3 per 100.

Barclay. Fine, wide flower; soft rose, with white throat; beautiful under artificial light. 50c. each, \$5 per doz., \$40 per 100.

Baron Hulot. One of the best Gladioli. Rich, deep indigo-blue. One of the few blue Gladioli on the market, and a very valuable addition to the list of extra-fine sorts. 10 cts. each, 75 cts. per doz., \$4 per 100.

Blue Jay. (True.) This variety has been confused with Baron Hulot, but it is much superior. Beautiful "true blue" flowers on tall and vigorous-growing spike. An aristocrat among the Gladioli. \$1.25 each, \$12 per doz.

Brenchleyensis. Vermilion-scarlet; one of the most showy; satisfactory and cheap. 5 cts. each, 30 cts. per doz., \$2 per 100.

Canary-Bird. This, without doubt, is one of the best yellow varieties. A pure canary-yellow that is very pleasing and attractive. 10 cts. each, \$1 per doz., \$8 per 100.

Contrast. Flowers of great substance and a beautiful, compact spike of perfect form. Intense scarlet with a large, distinct, pure white center which is neither tinted nor mottled. One of the most striking and beautiful Gladioli ever introduced. 50 cts. each, \$5 per doz.

Dawn. (Tracy's.) One of the most beautiful shell-pink Gladioli ever offered. A long, graceful spike of magnificently formed flowers, all open at one time. 20 cts. each, \$2 per doz., \$15 per 100.

Eldorado. Deep cream-yellow, lower petals spotted with maroon and black. 15 cts. each, \$1.25 per doz., \$10 per 100.

Europa. One of the finest pure white Gladioli. 20 cts. each, \$2 per doz., \$15 per 100.

Fire King. Long, graceful spikes showing half a dozen immense blooms open at the same time. Intense fire-scarlet, more brilliant than Brenchleyensis, or Mrs. Francis King. 40 cts. each, \$3.50 per doz., \$25 per 100.

George Paul. Large flowers; deep crimson, slightly stained yellow, spotted with purple. 10 cts. each, \$1 per doz., \$8 per 100.

Gil Blas. Early-flowering; dwarf habit; flowers salmon-rose, with red blotch on straw-colored ground. 10 cts. each, \$1 per doz., \$8 per 100.

Halley. Delicate salmon-pink with a slight roseate tinge, though the lower petals bear a creamy blotch with a stripe of bright red through the center, the whole producing a delightful effect. 5 cts. each, 50 cts. per doz., \$3.50 per 100, \$30 per 1,000.

Hollandia. (The Pink Brenchleyensis.) Flowers well arranged on a spike which attains a height of about 4 feet. Often as many as 30 blooms of a charming pink shade tinted yellow are open at one time. 10 cts. each, 75 cts. per doz., \$5 per 100.

Hyde Park. A cross between May and the old favorite Shakespeare. A frosty, sparkling white, penciled and feathered with light and dark rose. It is a very early bloomer, making it of special value in the cut-flower market. An ideal variety. 10 cts. each, 75 cts. per doz., \$4 per 100.

I. S. Hendrickson. Flowers and spikes very large and fine, beautifully and irregularly mottled white and bright deep pink. 10 cts. each, \$1 per doz., \$8 per 100.

Independence. A brilliant rose-pink, with richly marked throat. A long spike of wax-like flowers. One of the best for cut-flowers and for massing because of its color and the lasting quality of the bloom. 5 cts. each, 50 cts. per doz., \$3 per 100.



Gladiolus, Mrs. Frank Pendleton

Liebesfeuer. Brilliant scarlet; solid color; one of the finest and richest colored in existence. 10 cts. each, \$1 per doz., \$8 per 100.

Lily Lehman. A variety that has proved satisfactory. Blush-white tinged with pink; splendid flowers arranged around the stem like white lilies. 15 cts. each, \$2 per doz., \$10 per 100.

Mrs. Frank Pendleton. Awarded certificates of merit by the Massachusetts Horticultural Society at Boston, August, 1909, and American Gladiolus Society at Baltimore, August, 1911. The flowers are very large and well expanded, of a lovely flushed salmon-pink with brilliant carmine or deep blood-red blotches in the throat, presenting a vivid contrast of orchid-like attractiveness. It is of the Lemoinei type in form and color-effect, with a Gandavensis stem, so that it takes up water freely and opens up perfectly nearly every flower after being cut and placed in water. 20 cts. each, \$2 per doz., \$15 per 100.

Morning Star. Better than Chicago White. Flowers snowy white, with a large, rich, velvety crimson throat. Exceedingly striking and beautiful, and one of the earliest to bloom of all Gladioli. 10 cts. each, \$1 per doz., \$8 per 100.

BODDINGTON'S QUALITY GLADIOLI, continued

Mrs. Francis King. This is one of the most popular and effective varieties. It is a strong grower, vigorous and healthy. Color is brilliant vermilion-scarlet. In its color it is one of the best for cut-flower purposes. The individual blooms are as much as $4\frac{1}{2}$ inches across and five or six are usually expanded at one time, the reserve buds opening as the older flowers pass. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

Niagara. In color the flowers are a delightful cream shade with the two lower petals or segments blending to canary-yellow. The throat is splashed with carmine and the lower ends of the outside petals are also blushed with carmine. 15 cts. each, \$1.25 per doz., \$7.50 per 100.

Peace. Flowers are large, of good form, correctly placed on a heavy, straight spike. Color beautiful white, with a pale lilac feathering on the lower petals. 10 cts. each, \$1 per doz., \$7 per 100.

Panama. A seedling of America and a great improvement on that variety; a larger flower and a deeper pink; one of the very best. 15 cts. each, \$1.25 per doz., \$8 per 100.

Pink Beauty. One of the earliest varieties. The spike is slender and produces a large number of medium-sized flowers, all opening at the same time. The color is deep rose, with a deep crimson blotch in the throat. 10 cts. each, 75 cts. per doz., \$5 per 100.

Pink Perfection. Purest rose-pink; extra-fine spikes, with eight to ten flowers open at one time. Received an award of merit and a first-class certificate in London. 15 cts. each, \$1.50 per doz., \$10 per 100.

Princeps. One of the finest Gladioli in cultivation. Color rich crimson, with broad, white blotches across the lower petals. Flowers can be grown to nearly 8 inches in diameter under stimulating culture. 10 cts. each, 75 cts. per doz., \$5 per 100.

Rochester White. Perhaps the purest white ever offered. The flowers are correctly placed, large and well shaped; the filaments also are pure white. The fact that the anthers and pollen of this variety are white places it in a class by itself. The spikes, well supported and large, average 3 feet in height. Early-flowering and must be planted early. 20 cts. each, \$2 per doz., \$15 per 100.

Shakespeare. White, suffused carmine-rose. One of the best for forcing under glass. Extra-selected, first-size bulbs, 10 cts. each, \$1 per doz., \$7 per 100.

Sulphur King. Deep, pure yellow. The best of its color. 25 cts. each, \$2.50 per doz., \$15 per 100.

Schwaben. One of the finest light yellows of recent introduction. A robust, rather dwarf grower; pure canary-yellow with a carmine blotch deep in the throat, which does not detract from its beautiful, uniform color. The flowers are large, borne on strong stems, well placed; frequently six to eight open at one time. 15 cts. each, \$1.50 per doz., \$10 per 100.

Victory. Color delicate sulphur-yellow, lower petals shaded a deeper yellow. 10 cts. each, 75 cts. per doz., \$6 per 100.

Vivid. Rich, velvety purple; flowers round, and well placed; spikes erect and of good constitution. 50 cts. each, \$5 per doz., \$40 per 100.

Wild Rose. Has the beautiful wild rose tinge. Very bright rose or blush-tint, exceedingly delicate and pretty. 15 cts. each, \$1.25 per doz., \$10 per 100.

Willy Wigman. A beautiful blush tint, with long, bright crimson blotch on lower petals. The effect of the crimson on the cream petals is most pleasing. 10 cts. each, 75 cts. per doz., \$5 per 100.

War. A fitting companion in color to Peace. Deep blood-red, shaded crimson-black. A splendid exhibition variety. \$1.25 each, \$12 per doz.

GLADIOLUS MIXTURES

Boddington's "Newport" Mixture. Consists of many of the named varieties of Groff, Kunderd, Childs, Lemoine, and other famous hybridists, carefully selected and mixed in proper proportion of colors to please the most critical. \$1 per doz., \$7.50 per 100, \$60 per 1,000.

Scarlet and Red. 40 cts. per doz., \$2.50 per 100.

Striped and Variegated. 50 cts. per doz., \$4 per 100.

American Hybrids. All colors mixed. 25 cts. per doz., \$2 per 100.

Boddington's White and Light. The finest mixture of light shades ever offered, containing a large percentage of the finest named sorts. 40 cts. per doz., \$2.75 per 100, \$25 per 1,000.

Lemoine's Spotted Hybrids Mixed. Popularly known as Butterfly Gladioli. Remarkable for the richness and variety of their colors and odd, orchid-like markings. 30 cts. per doz., \$2 per 100.

Orange and Yellow. 75 cts. per doz., \$5 per 100.

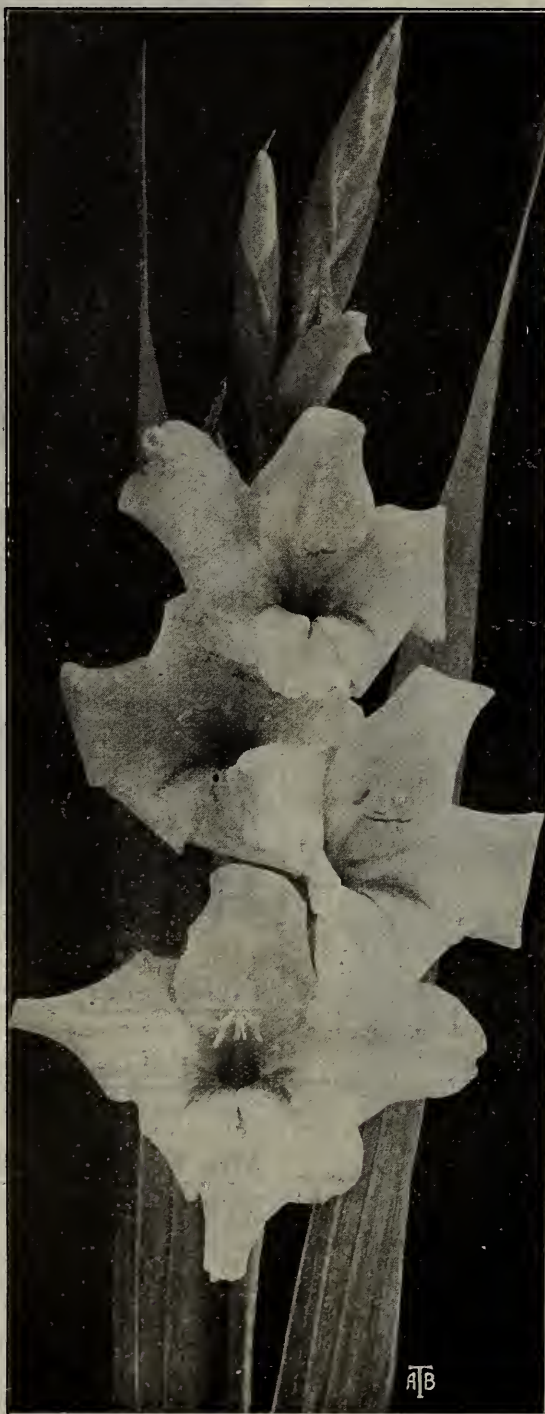
Pink and Rose Shades. 40 cts. per doz., \$2.50 per 100.

GROFF'S PRIMULINUS HYBRIDS

In recent years these Hybrids have come to be extremely popular and they deserve every word of praise they get. They are graceful, easy to grow, moderate in price, artistic in colors, which range from sulphur-yellow to chrome-yellow. All shades of orange appear with now and then a cream and pink among them, but nasturtium colors predominate. They are the last word in Gladioli for dainty decorations. Awarded the Gold Medal at the Panama-Pacific Exposition, 1915. 20 cts. each, \$2 per doz., \$15 per 100.

Primulinus Hybrids, Imported

Stock. These are similar in type to the above, but the range of coloring and form is not so extensive or so distinctly characteristic as in Groff's selection. 10 cts. each, 75 cts. per doz., \$5 per 100.



Gladiolus Peace

Boddington's Quality Gloxinias



House of Gloxinias grown from Boddington's Quality Gloxinia Bulbs

GLOXINIA ERECTA GRANDIFLORA

Gloxinias make excellent house plants and succeed well in a sunny window in the spring months. They may be started in February in a shallow box about 2 inches deep, the bottom of which has been covered with about one inch of Sphagnum Moss which can be readily obtained from your local florist. Spread the bulbs out on the moss about 1/2 inch apart and cover them with more moss to the depth of about 1/2 inch. Keep the bulbs in a temperature of about 68 degrees. In about two weeks both tops and roots will have made a start. The bulbs should then be potted into 4-inch pots in ordinarily good garden soil, and will flower profusely during May and June. Be careful to keep water off the foliage and shade the plants from direct sunlight as the season advances.

	Each	Doz.	100		Each	Doz.	100
Blanche de Vera. White, rose-bordered.....	\$0 15	\$1 75	\$12 00	Mont Blanc. Snow-white.....	\$0 15	\$1 75	\$12 00
Defiance. Glittering crimson.....	15	1 75	12 00	Prince Albert. Deep purple.....	15	1 75	12 00
Emperor William. Blue, white border.....	15	1 75	12 00	Princess Elizabeth. White, bordered blue...	15	1 75	12 00
Etoile de Feu. Carmine-red.....	15	1 75	12 00	Princess Mathilde. White, with rose crown.	15	1 75	12 00
Kaiser Frederick. Scarlet, white margin....	15	1 75	12 00	Queen Wilhelmina. Dark rose.....	15	1 75	12 00
King of the Reds. Dark scarlet.....	15	1 75	12 00	Boddington's Spotted Varieties. These contain the most distinct and remarkable colors.	15	1 75	12 00
Madame Helene. White, with violet crown..	15	1 75	12 00	All Colors Mixed	15	1 75	12 00
Marquis de Peralta. White, red-bordered...	15	1 75	12 00				

The above collection of 14 varieties for \$2

HYACINTHUS candicans. A giant specimen of Hyacinth blooming in August, producing a magnificent spike of thimble-like, pure white flowers 2 to 3 feet high. 10 cts. each, 75 cts. per doz., \$5 per 100.

INCARVILLEA Delavayi (Hardy Gloxinia). This comparatively new perennial from northern China has been found hardy in the United States. We recommend, however, a liberal mulching where left out during winter. Blossoms appear like clusters of pink Gloxinias. It is extremely decorative and quite easily grown. Strong roots, 15c. each, \$1.50 per doz., \$10 per 100.

ISMENE Calathina grandiflora. A grand summer-flowering bulb. The flowers are of very large size, like an amaryllis, snowy white, and are all exceedingly fragrant. 15 cts. each, \$1.25 per doz., \$10 per 100.

EREMURUS. Majestic, tuberous-rooted plants, with flower-spikes 6 to 10 feet high, forming a magnificent column of bloom during June and July. Give a sunny position, sheltered from gales; plant the tubers about 8 inches deep. Although hardy, it will be safer in northern states to protect with 4 to 6 inches of leaves, straw, manure or similar covering to prevent the young growth, which starts very early, from being nipped by late frosts.

	Each	Doz.
Bungei. Beautiful golden yellow. One of the rarest and most lovely of the Eremurus.....	\$1 50	\$15 00
Elwesianus. Soft pink, with bands of deeper color down the middle of segments.....	1 25	12 00
Himalaicus. Peach-pink.....	75	7 50
Robustus. Charming rose-pink.....	75	7 50

Collection of one each of the above for \$4

LILY BULBS

For Outdoor Planting
and Pot Culture

There is no more valuable garden material than the hardy Japanese, European and native Lilies. They grow and succeed well in shaded and partially shaded situations where it is difficult to get most flowering plants to thrive.

By making a judicious selection of varieties, a succession of Lily flowers may be had from June to October in even a limited space. For cultural directions see page 99.

Lilium auratum

(Golden-Rayed Lily of Japan)

Flowers white, thickly studded with crimson spots. Through the center of each petal runs a clear golden band. The blooms, when fully expanded, measure 10 inches across; produced abundantly from July to September. 3 to 5 feet.

	Each	Doz.	100
8- to 9-in. bulbs....	\$0 15	\$1 50	\$10 00
9- to 11-in. bulbs.....	20	2 25	15 00
11- to 13-in. bulbs.....	40	3 50	25 00
13- to 15-in. bulbs.....	50	5 00	40 00

RARE LILIUM AURATUMS

LILIUM AURATUM PICTUM. Similar to *L. auratum*, except that it is tipped crimson at the ends of the yellow rays. 40 cts. each. \$3.50 per doz., \$25 per 100.

LILIUM AURATUM PLATYPHYLLUM. Larger and finer in all respects than *L. auratum*. Its flower is 10 to 12 inches across, with broader petals and spotted yellow instead of red as in the type. 50 cts. each, \$5 per doz., \$40 per 100.

Auratum rubro-vittatum. A band of red runs through each petal instead of the gold band in the type; 3 to 4 feet; August. . . . \$1 00 \$10 00 \$75 00

LILIUM AURATUM VIRGINALE ALBUM. White petals, slightly shaded gray toward middle, the gray portion spotted white. Broad yellow band through center. . . . 50 5 00 40 00

LILIUM AURATUM WITTEL. Very tall and free blooming; color creamy white with gold band and without spots. . . . 1 00 10 00 75 00



Lilium auratum

LILIUM SPECIOSUM

LILIUM SPECIOSUM ALBUM. Pure white; otherwise similar in growth and form to *L. speciosum magnificum*. See illustration.

	Each	Doz.	100
9- to 11-inch bulbs.....	\$0 30	\$3 00	\$20 00
11-inch and over.....	45	4 50	35 00

LILIUM SPECIOSUM MAGNIFICUM. Frosted white, spotted, clouded and bordered deep crimson-rose. See illustration.

	Each	Doz.	100
8- to 9-inch bulbs.....	\$0 10	\$1 00	\$8 00
9- to 11-inch bulbs.....	20	2 25	15 00
11- to 13-inch bulbs.....	35	3 50	25 00
13- to 15-inch bulbs.....	45	4 50	35 00

LILIUM SPECIOSUM RUBRUM (ROSEUM). White ground, spotted rose on each petal; excellent for cut-flowers.

	Each	Doz.	100
8- to 9-inch bulbs.....	\$0 10	\$1 00	\$8 00
9- to 11-inch bulbs.....	20	2 25	15 00
11- to 13-inch bulbs.....	35	3 50	25 00
Monsters.....	45	4 50	35 00

Lily Bulbs from Cold Storage

Cold storage *Lilium longiflorum giganteum* can be forced into bloom in about four months; *L. speciosum* in four to six months. Keep the bulbs in a cool place or cellar, after potting, so as to produce the greatest root-action before bringing to the light.

Orders for less than 25 bulbs of one size not accepted. If quantity required is less than a case lot, add 20 per cent to these prices. When ordering, do not fail to specify date delivery is required.

	Case of	
Lilium giganteum. 6 to 8 in.....	100 bulbs..	\$10 00
7 to 9 in.....	100 bulbs..	15 00
9 to 10 in.....	100 bulbs..	22 50
Lilium speciosum album. 9 to 11 in.....	50 bulbs..	15 00
11 in. and over.....	50 bulbs..	22 00
Lilium speciosum Melpomene magnificum.		
8 to 9 in.....	50 bulbs..	8 00
9 to 11 in.....	50 bulbs..	10 00
11 to 13 in.....	50 bulbs..	17 50
Monsters.....	50 bulbs..	22 00
Lilium speciosum rubrum. 8 to 9 in.....	50 bulbs..	8 00
9 to 11 in.....	50 bulbs..	10 00
11 in. and over.....	50 bulbs..	17 50
Monsters.....	50 bulbs..	22 00



Lilium speciosum magnificum

Various Japanese, European and American Garden Lilies

Outdoor Culture of Lilies. A deep, moist, rich loam is necessary for Lilies. They all thrive best in soil containing an abundance of decomposing vegetable matter, and a partially shaded location is desirable, such as an open space in the shrubbery or perennial border. If manure is used in the preparation of the bed, be sure that it is well rotted and that it does not come in direct contact with the bulbs; in fact, we recommend placing an inch of sand immediately beneath each bulb to provide drainage. Due to the varying sizes of bulbs of different varieties, it is not possible to make any hard-and-fast rule as to the depth that Lily bulbs should be planted. It is a safe practice, however, to cover the bulbs twice their own depth.

Batemanniæ. An attractive, strong-growing Lily; height about 4 feet, producing five to eight rich, apricot-colored flowers on a stem. August. 20c. each, \$2 per doz., \$15 per 100.

Candidum (Annunciation Lily). Pure white; should be planted in the fall. 15 cts. each, \$1.50 per doz., \$12 per 100.

Canadense flavum. Our dainty, beautiful native Lily. Graceful and charming yellow. July. 20 cts. each, \$2 per doz., \$15 per 100.

Canadense rubrum. Red flowers. July. 20 cts. each, \$2 per doz., \$15 per 100.

Canadense, Mixed. July. 15c. each, \$1.50 per doz., \$10 per 100.

Concolor (Sinicum). Bright scarlet, with dark red spots. A dwarf and lovely miniature Lily. Increases rapidly. July. 1 to 1½ ft. 10 cts. each, \$1 per doz., \$8 per 100.



Lilium regale (myriophyllum)

Elegans, Alice Wilson. One of the most beautiful and distinct Lilies; the flowers, of a bright lemon-yellow, are very large, borne erect and in clusters; very hardy; succeeds almost anywhere; height, 1½ ft. June.....	Each	Doz.	100
	\$0 75	\$8 00	\$60 00
Elegans, Incomparable. The richest red known in Lilies; a deep ox-blood-crimson, slightly spotted with black; very free and easily grown.....	15	1 50	12 00
Elegans bicolor. Bright red, flushed orange..	15	1 50	12 00
Elegans, Painted Chief. Bright flame color.	20	2 00	15 00
Elegans, robusta. Orange, spotted black....	15	1 25	10 00
Elegans, Aurora. Orange, suffused scarlet...	25	2 50	15 00
Elegans, Mixed	10	1 00	8 00

All the Elegans Lilies are dwarf and early June-flowering

Hansonii. A beautiful Lily, flowering in June. Flowers rich golden yellow; one of the prettiest Lilies in cultivation. June and July....

	60	6 00	45 00
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Henryi. Same form and appearance as the Speciosum but is bright orange-yellow.

Mammoth Bulbs	75	7 50	60 00
First Size	50	5 00	40 00

Humboldtii. Of a splendid reddish orange color, segments copiously purple-veined. 4 to 5 ft. July.....

	40	4 00	30 00
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Krameri. Distinct from all other Lilies. Flowers of a soft, beautiful rose color. 3 ft. August.

	25	2 00	15 00
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Longiflorum. Hardy white Easter Lily.....

	15	1 25	10 00
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Philadelphicum. A very pretty Lily, bearing two to five flowers, cup-shaped; base of petals yellow, maroon-spotted, tips of petals bright scarlet. 1½ ft. July.....

	15	1 50	12 00
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Pardalinum (Leopard Lily). Scarlet and yellow flowers, spotted with rich brown.....

	15	1 25	8 00
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Regale (myriophyllum). Discovered a few years ago in northwestern China by Mr. E. H. Wilson, the famous plant collector. When better known, it will rival the Auratum and Speciosum Lilies in popularity. It is hardy, free from disease, and should have a place in every garden. The flowers are white, slightly suffused pink, canary-yellow at the center, extending part way up the trumpet. 90c. each, \$10 per doz., \$75 per 100.

Rubellum. This is a beautiful new Lily, similar to Krameri. July. 15c. ea., \$1.50 per doz., \$12 per 100.

Superbum. In a collection of best plants of all countries, our native Superbum Lily would deserve a first place. In deep, rich soil it often grows 8 feet high, with twenty to thirty flowers. It is of the easiest culture, and

may be grown as a wild flower in any swampy or rough part of a place where the grass is not mown. July and August.....	Each	Doz.	100
	\$0 15	\$1 50	\$10 00
Tenuifolium. A beautiful, graceful Lily, with crimson, reflexed flowers. Blooms in June...	20	2 00	12 00
Thunbergianum (elegans) atosanguineum. Dark red. The Thunbergianum are of easiest culture, and bloom in June.....	20	2 00	15 00
Tigrinum flore-pleno. The Double Tiger Lily. August and September.....	20	2 00	12 00
Tigrinum splendens. Improved Single Tiger Lily. August and September.....	15	1 50	10 00
Wallacei. Very floriferous, each bulb throwing up from four to six flower stems, each one of which is crowned with eight to ten beautiful upright blossoms, of a delicate, bright apricot color.....	15	1 25	10 00

JAPAN IRIS (*Iris Kaempferi*)

The most showy and gorgeous of the Iris family. The stately flowers are often 10 inches in diameter, and are produced freely in July. They require rich, moist soil. Named varieties, 25 cts. each, \$2.50 per doz., \$18 per 100.

FLEUR-DE-LIS (*Iris germanica*)

The true "Fleur-de-Lis." They are perfectly hardy, grow luxuriantly and bloom in June in any ordinary garden soil.

Boddington's Collection of 5 varieties named, White, White Tinged Lavender, Light Blue, Dark Blue, and Yellow Variegated, for \$1. Named or mixed varieties, 25 cts. each, \$2.50 per doz., \$15 per 100.

Iris pallida dalmatica

Color deep, clear lavender; very large; flowers sweet-scented. 30 cts. each, \$3 per doz., \$20 per 100.

LILY-OF-THE-VALLEY CLUMPS. Large clumps of Lily-of-the-Valley for outside planting and naturalizing. These clumps will throw from 15 to 20 spikes of flowers. 35 cts. each, \$3.50 per doz., \$25 per 100.

DIELYTRA spectabilis (Bleeding Heart). One of the most ornamental of hardy spring-flowering plants, with elegant green foliage and long, drooping racemes of heart-shaped flowers. This is deemed one of the finest of all hardy garden plants. Magnificent racemes of pink-and-white flowers. 25 cts. each, \$2.50 per doz., \$15 per 100.

APIOS tuberosa (Tuberous-rooted Wistaria). Clusters of rich, deep purple flowers, which have a strong, delicious violet fragrance. Tubers, 10 cts. each, 75 cts. per doz., \$5 per 100.

MONTBRETIAS

The Giant Montbretia, Star of the East. Orange-yellow with lemon-yellow eye; of enormous size and substance, reaching 5 inches in diameter; of splendid constitution and boldly erect habit. We cannot speak too highly of this plant, which is undoubtedly the finest of Mr. Davison's hybrids. \$2.50 each, \$25 per doz.

The Giant Montbretia, George Davison. The stems are 3 feet high, eight- to ten-branched, bearing lovely pale orange-yellow flowers 3 inches across, widely expanded and tinted deeper orange externally. It is among the first to flower. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

The Giant Montbretia, Germania. Grows from 3 to 4 feet high, producing graceful, free-branching flower-spikes, bearing very large, widely expanded flowers 2 to 3 inches across. The color is a rich, glowing orange-scarlet, with red throat. 5 cts. each, 40 cts. per doz., \$2.75 per 100, \$25 per 1,000.

The Giant Montbretia, Messidor. A very distinct new seedling, tall growth, spikes much branched; color maple-yellow, passing to pale yellow, this is the nearest approach to a white variety at present. 10 cts. each, \$1 per doz., \$7.50 per 100.

The Giant Montbretia, Martagon. Deep orange, with brownish center; reflexed petals; very beautiful. 5 cts. each, 50 cts. per doz., \$4 per 100.

Crocsmæflora. Orange-scarlet. 30 cts. per doz., \$2.25 per 100, \$20 per 1,000.

Etoile de Feu. Rich scarlet, yellow center. 30 cts. per doz., \$2.25 per 100, \$20 per 1,000.

Rayon d'Or. Deep yellow; very large. 30 cts. per doz., \$2.25 per 100, \$20 per 1,000.

Pottsii. Bright yellow, flushed with red. 30 cts. per doz., \$2.25 per 100, \$20 per 1,000.

Soleil Couchant. A handsome variety. 30 cts. per doz., \$2.25 per 100, \$20 per 1,000.

OXALIS (Summer-flowering) Dieppi. Pure white; very fine.

Lasandria. Fine rosy pink; beautiful cut foliage.

Shamrock. Lovely clover-like foliage and pink blossoms.

Mixed Colors. Several colors. 25 cts. per doz., \$2 per 100

MADEIRA VINE. A most popular climber. Strong roots, 5 cts. each, 50 cts. per doz., \$3.50 per 100.

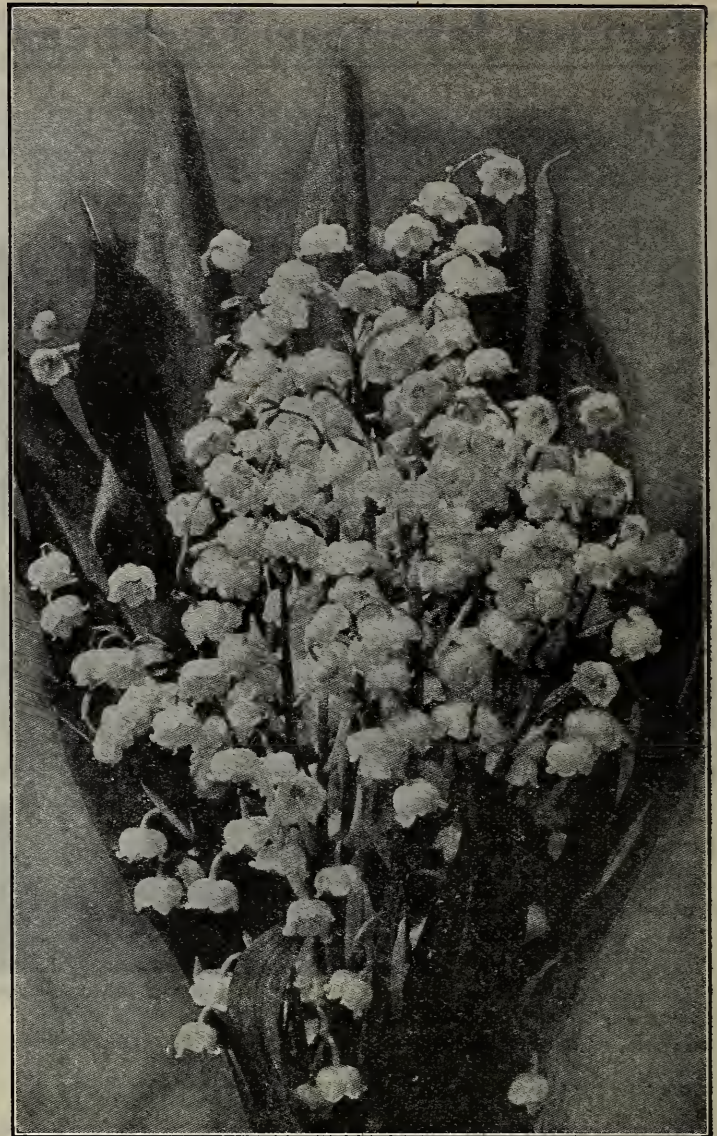
MILLA biflora (Mexican Star of Bethlehem). One of the loveliest and most desirable bulbs. The flowers are nearly 2½ inches in diameter, of a pure waxy white color and usually borne in pairs; the petals are of great substance and will keep for days when cut. 10 cts. each, 75 cts. per doz., \$5 per 100.

SPIRAEA Aruncus. A popular herbaceous variety, producing splendid spikes of flowers 3 to 5 feet in height. Flowers are creamy white, and are borne in feathery panicles. 15 cts. each, \$1.50 per doz., \$10 per 100.

Palmata rosea. The beautiful, deep pink, hardy herbaceous Spirea. An excellent companion for the white variety. 15 cts. each, \$1.50 per doz., \$10 per 100.

TRITOMA Pfitzeri (The Everblooming Flame Flower). The freest-flowering variety in cultivation, in bloom from August to November, with spikes from 3 to 4 feet high and heads of bloom over 12 inches long, of a rich orange-scarlet, producing a grand effect, either planted singly in the border or in masses. 25 cts. each, \$2.50 per doz., \$15 per 100.

We do not pay transportation charges on heavy roots such as Spirea and Lily-of-the-Valley Clumps, Potatoes, Garden Tools, Fertilizers and Insecticides.



Lily-of-the-Valley

TIGRIDIAS (Tiger or Shell Flower)

These gorgeous summer-flowering bulbs grow about 1½ feet high and flower freely throughout the summer. They require the same treatment as gladioli and should be lifted in the autumn and dried off in the same way.

Canariensis. Bright yellow.

Conchiflora. Yellow-spotted.

Speciosa. Deep red, spotted purple.

Lilacea. Brilliant violet-crimson.

Grandiflora alba. White, crimson spots.

10c. each, 75c. per doz., \$5 per 100

Boddington's New Hybrids. Giant flowers of red, white, yellow, orange, rose, crimson and gold, with shades and combinations of color never shown before by Tigridias. 10 cts. each, 75 cts. per doz., \$5 per 100.

TRILLIUM grandiflorum (American Wood Lily). A most beautiful American plant. Perfectly hardy, growing and flowering profusely in partially shaded nooks about the lawn, under trees, etc. The flowers are large, of the finest white, changing in a few days to soft rose. 10 cts. each, 75 cts. per doz., \$6 per 100.

Erectum. This is the Purple Wood Lily, the earliest to flower. 10 cts. each, 75 cts. per doz., \$6 per 100.

TUBEROSES. Double Excelsior Pearl. Selected bulbs, 4- to 6-inch, 5 cts. each, 50 cts. per doz., \$3 per 100. Extra-selected bulbs, 6- to 8-inch, 10 cts. each, 75 cts. per doz., \$5 per 100.

Armstrong's. The Mexican single, everblooming Tuberose. 10 cts. each, 50 cts. per doz., \$3.50 per 100.

BODDINGTON'S QUALITY ROSES

CULTURE.—Roses require ordinarily good garden soil well enriched with well-rotted manure. They must have an open sunny position clear of the roots of all trees and shrubs. Prepare the beds a few days before planting to allow for settling. Everblooming Roses should be planted 18 inches apart and the Hybrid Perpetuals 2 feet apart.

Roses should be planted with the roots diverging and at least 9 inches below the surface of the ground, the soil made firm about them and liberally watered.

For best results Everblooming Roses should be severely pruned; the stronger shoots should be cut back to about 12 inches in height, and the Hybrid Perpetuals to about 18 inches, while all weak, thin wood should be removed entirely.

Climbing Roses require no pruning in the spring beyond the cutting out of very old or dead wood. In July it is beneficial to cut away all old flowering wood. This will encourage a vigorous growth, and an abundance of flowers the following season.

HYBRID PERPETUAL ROSES

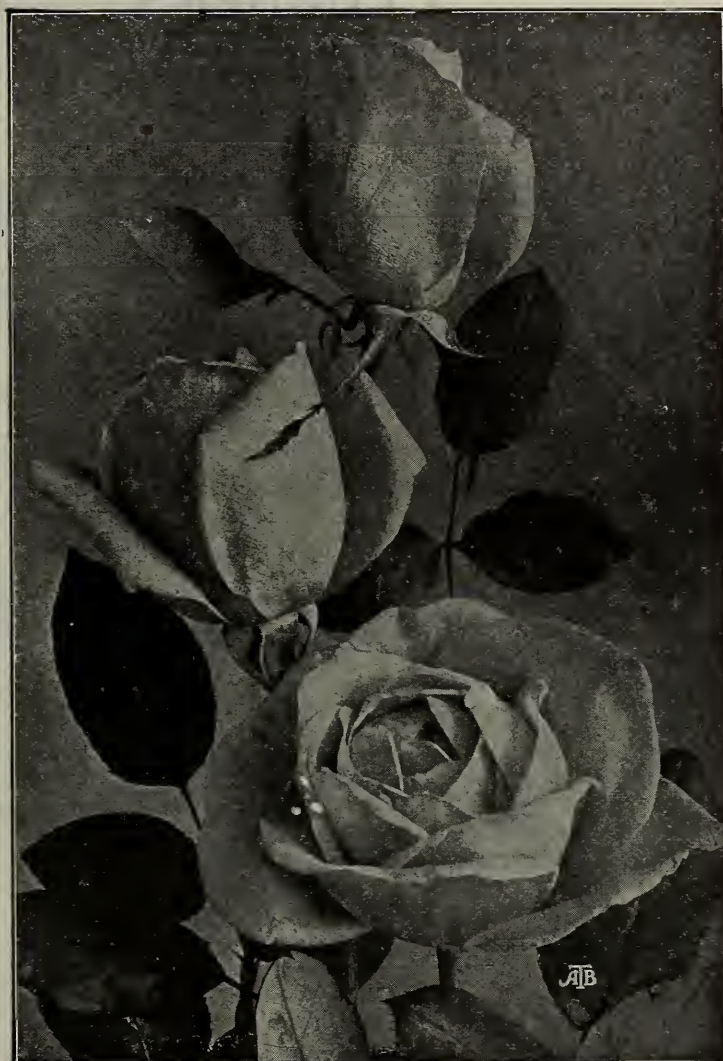
- ALFRED COLOMB.** Carmine-crimson; a grand Rose.
- ANNE DE DIESBACH.** Bright carmine.
- BALL OF SNOW** (Boule de Neige). Large, pure white, globular.
- BARONESS ROTHSCHILD.** An exquisite shade of satin-pink.
- CAPTAIN HAYWARD.** Scarlet-crimson; perfect form.
- CAPT. CHRISTY.** Delicate flesh color, deepening toward center.
- CLIO.** Satin-blush; very fine new sort.
- FRAU KARL DRUSCHKI.** Snow-white.
- GEORGE ARENDS.** The Pink Frau Karl Druschki.
- GEN. JACQUEMINOT.** Brilliant crimson; the popular Rose.
- HUGH DICKSON.** Brilliant crimson, shaded scarlet; good size; fine form; free flowering; Gold Medal, N. R. S.
- JOHN HOPPER.** Bright rose, with carmine center.
- LA FRANCE.** Peach-blossom-pink; blooms all summer.
- MABEL MORRISON.** Pure white, large, massive and perfect.
- MARGARET DICKSON.** White, with pale flesh center.
- MARSHALL P. WILDER.** Cherry-rose and carmine.
- MAGNA CHARTA.** Dark pink; one of the easiest Roses to grow.
- MME. GABRIEL LUIZET.** Light, satiny pink; attractive sort.
- MRS. JOHN LAING.** Rich, satiny pink; delicious fragrance.
- MRS. SHARMAN-CRAWFORD.** Deep, rosy pink.
- PAUL NEYRON.** Flowers 5 inches across; lovely dark pink.
- PERSIAN YELLOW.** Hardy yellow Rose; best of its color.
- PRINCE CAMILLE DE ROHAN.** Dark crimson-maroon.

40 cts. each, \$4 per doz.

EVERBLOOMING ROSES

- AARON WARD, MRS.** Indian yellow, occasionally washed salmon-rose; very large, full, elongated flowers; vigorous, branching growth, very free and excellent.
- BETTY.** A strong, vigorous grower; glowing coppery rose color.
- COUNTESS OF GOSFORD.** Delicate pink; fine flower and bud.
- CAROLINE TESTOUT.** Bright satin-rose, with brighter center.
- ETOILE DE FRANCE.** Superb crimson-red velvet, center vivid cerise-red.
- GRUSS AN TEPLITZ.** Richest crimson-scarlet.
- KAISERIN AUGUSTA VICTORIA.** Almost pure white shaded primrose.
- KILLARNEY.** The buds are long; beautiful soft pink.
- LADY HILLINGDON.** One of the most popular yellow Roses yet introduced. The color is true, clear yellow with orange shadings in the center.
- MME. ABEL CHATENAY.** Carmine-rose, shaded salmon.
- MOLLY SHARMAN-CRAWFORD.** Creamy white.
- RICHMOND.** Scarlet-crimson flowers borne on long, stiff stems.

50 cts. each; collection of 12 varieties for \$5



Type of Everblooming Roses

CLIMBING AND RAMBLER ROSES

- AMERICAN PILLAR.** Single flowering. Its brilliant red hips or berries render it a beautiful decorative subject throughout the autumn months.
- AVIATEUR BLERHOT.** Saffron-yellow, deepening to an almost golden yellow at the center.
- CLIMBING AMERICAN BEAUTY.** The climbing form of this famous crimson Rose.
- CRIMSON RAMBLER.** The well-known, popular garden climber.
- DOROTHY PERKINS.** Shell-pink.
- WHITE DOROTHY PERKINS.** A white-flowered form of Dorothy Perkins.
- HIAWATHA.** Single, crimson, with the petals shading to a pure white base.
- LADY GAY.** Delicate cherry-pink, which fades to a soft white.
- PAUL'S CARMINE PILLAR.** Flowers large and free; rosy carmine.
- TAUSENDSCHON** (Thousand Beauties). The flowers appear from beginning of June till end of July, in large, loose clusters; of a lovely soft pink color, later on the somewhat curled petals assume a carmine-rose, when in full bloom, giving the appearance of two different varieties.

50 cts. each; collection of 10 varieties for \$4.50

All the Roses offered above are hardy, field-grown, two-year-old plants. We can also supply many other varieties which for want of space we are not able to list

HARDY VINES AND CLIMBERS

AMPELOPSIS

Veitchii (Boston Ivy). The most useful and popular hardy climber. Extra-strong, 2-year-old, field-grown plants, 35 cts. each, \$3.50 per doz., \$30 per 100.

Engelmanni. A greatly improved variety of the Virginia Creeper, with dense foliage of a glossy light-green in summer, changing to a brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Boston Ivy. 35 cts. each, \$3.50 per doz., \$25 per 100.

Quinquifolia. (Virginia Creeper, or American Ivy.) This well-known climber is one of the best and quickest growing varieties for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Strong plants, 25 cts. each, \$2.50 per doz., \$20 per 100.

ARISTOLOCHIA SIPHO (Dutchman's Pipe Vine)

A vigorous and rapid-growing climber, bearing singular brownish colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its light-green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Strong plants, 50 cts. each, \$5 per doz.

BIGNONIA (Trumpet Vine)

For covering unsightly places, stumps, rockwork, or wherever a showy flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive and borne profusely when the plants attain a fair size.

Grandiflora. Large flowers of orange-red. 50 cts. each, \$5 per doz.

Radicans. Dark red, orange throat; free-blooming and very hardy. 25 cts. each, \$2.50 per doz.

CLEMATIS

Many failures in the growing of Clematis are the result of too shallow planting. The crown of the roots should be set at least 3 inches below the surface of the soil.

Paniculata (Small-flowered White Clematis). Extra-strong plants, 25 cts. each, \$2.50 per doz., \$15 per 100.

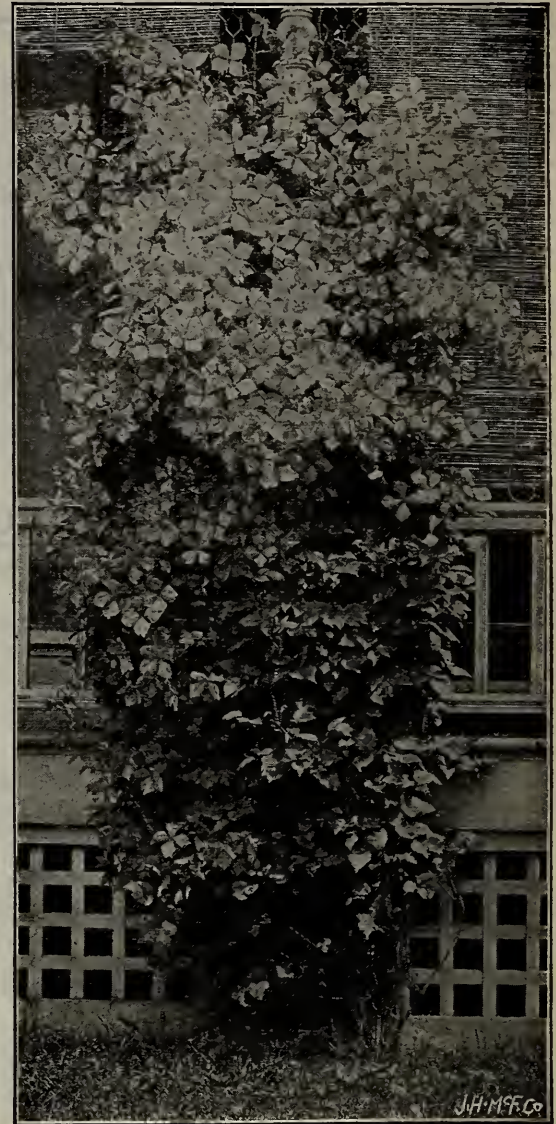
Large-Flowering Clematis

Jackmani. The best known and most valued variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. 50 cts. each, \$5.50 per doz.

Henryi. Pure white; large and remarkably handsome. 50 cts. each, \$5.50 per doz.

Sieboldii. Lavender-blue; large; strong, vigorous grower. 50 cts. each, \$5.50 per doz.

Ville de Lyon. Bright red, well-formed flowers; a very fine variety. 50 cts. each, \$5.50 per doz.



Clematis Jackmani

JAPANESE KUDZU VINE

These roots are imported from Japan, and will, if planted early, grow 20 to 30 feet the first season. Very hardy and a first-class vine for general use. We offer selected, strong plants, for immediate effect, 50 cts. each, \$5.50 per doz.

HONEYSUCKLE

Halliana (Hall's Japan Honeysuckle). A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all winter. Extra-selected plants, 35 cts. each, \$4 per doz.

WISTARIA

Sinensis (Chinese Wistaria). A most beautiful climber of rapid growth. When well established it makes a growth of 15 to 20 feet in a season. Flowers pale blue. Extra-strong plants, out of 6-inch pots, \$1 each, \$10 per doz.

White. Extra-strong plants, out of 6-inch pots, \$1 each, \$10 per doz.

Multijuga. A Japanese variety, bearing loose panicles frequently 3 feet long, of deep purple flowers. \$1 each, \$10 per doz.



Clematis paniculata

HARDY HERBACEOUS PERENNIAL PLANTS

OR "OLD-FASHIONED FLOWERS"

We have made special arrangements with one of the leading and largest growers of herbaceous plants in the United States for a supply of all the most popular varieties of these well-known and beloved "old-fashioned flowers," and, below, give a list and short description of the best and most select varieties for all purposes. If any variety is not listed here and is in general commerce we can secure it for you. We also supply collections of herbaceous plants, suitable for special locations—climatic or otherwise. All goods will be packed at the nurseries and will be sold f.o.b., New York City, unless other arrangements are made.

NOTE.—All Plants are forwarded by Express, purchaser paying charges

HARDY PHLOX

Phlox succeed in almost any soil and position and flower through a long season. While they will continue in good condition and flower freely for many years without attention, yet they respond quickly to and are improved by liberal cultivation.

FOURTEEN SUPERFINE HARDY PHLOX

- ASTRID.** Dense trusses of bright cochineal-carmine, shading deeper toward the center.
 - B. COMTE.** Brilliant rich French purple.
 - EUROPA.** A white variety with very decided crimson-carmine eye; flowers and trusses very large.
 - ELIZABETH CAMPBELL.** Bright salmon-pink, with lighter shadings and dark crimson eye.
 - GEFION.** Tender peach-blossom-pink, with bright rose eye.
 - GRIDEUR.** Soft mauve-rose, suffused and overlaid with a lively deep shade of cerise, giving the whole a beautiful mottled appearance.
 - INGEBORG.** One of the most brilliant Phloxes yet introduced, in color a rich vermilion-red with a lively suffusion of orange-salmon intensified by a small purplish crimson eye. The individual flowers are of large size, being fully 1½ inches in diameter, and are produced in well-filled, not over-crowded, much-branched panicles. 35 cts. each, \$3.50 per doz.
 - MRS. JENKINS.** The best all-round pure white.
 - RIVERTON JEWEL.** A lovely shade of mauve-rose, illuminated by a brilliant carmine-red eye.
 - RHEINLANDER.** A most beautiful salmon-pink with flowers and trusses of immense size.
 - RYNSTROM.** Carmine-rose color.
 - THOR.** A most beautiful and lively shade of deep salmon-pink, suffused and overlaid with a deep scarlet glow, large white halo and aniline-red eye.
 - W. C. EGAN.** One of the largest flowered varieties in cultivation; color effect a pleasing shade of soft pink.
 - WANADIS.** Entirely distinct, a mottling of white and light violet, reminding one of the native *Phlox divaricata canadensis*.
- Any of the above superfine sorts, except where noted, 25 cts. each, \$2.50 per doz., \$20 per 100

DELPHINIUMS (Hardy Larkspur)

These are deservedly one of the most popular subjects in the hardy border; bold, attractive, and highly prepossessing plants of easiest culture; perfectly hardy. They will establish themselves in almost any garden soil, but respond quickly to liberal treatment.

- Belladonna.** The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equaled for delicacy and beauty by any other flower. 30 cts. each, \$3 per doz., \$22 per 100.
 - Chinense.** Intense gentian-blue flowers in open panicles.
 - Chinense album.** A pure white form of the above.
 - Formosum.** The old favorite dark blue, with white center.
 - Gold Medal Hybrids.** The plants are of strong, vigorous habit, with large flowers, the majority running in the lighter shades of blue.
- Any of the above, except where noted, 20 cts. each, \$2 per doz., \$15 per 100



Hardy Phlox

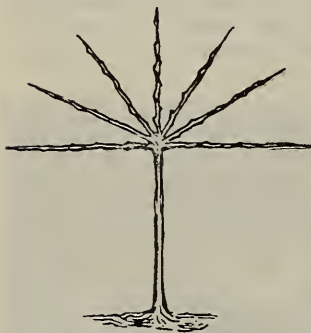
ORIENTAL POPPY (*Papaver orientale*)

- | | |
|---|---|
| Goliath. Fiery scarlet. | Mrs. Perry. Salmon-rose. |
| Mahogany. Dark crimson-mahogany shaded mahogany. | Oriflamme. Large, gorgeous orange-scarlet. |
- 30 cts. each, \$3 per doz.

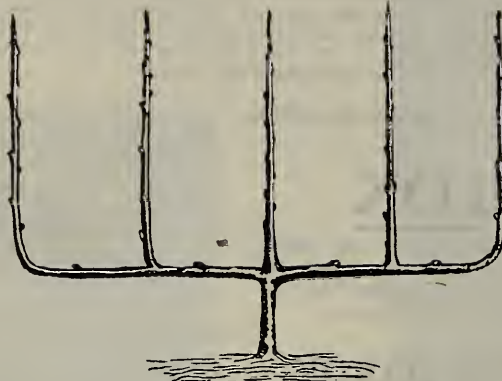
SWEET WILLIAM (*Dianthus barbatus*)

- | | |
|---|--------------------------------------|
| Newport Pink. Rich salmon-rose. | Pure White. Very large. |
| Bright Scarlet. Effective color. | Mixed. Containing all colors. |
- 15 cts. each, \$1.50 per doz., \$10 per 100

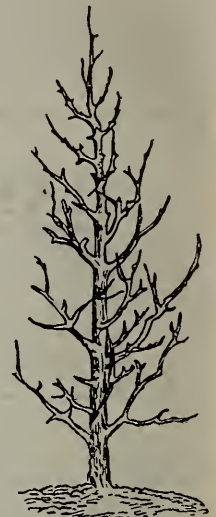
ENGLISH TRAINED AND POT-GROWN FRUIT TREES, GRAPE-VINES, FIGS, ETC.



Standard Fan Trained



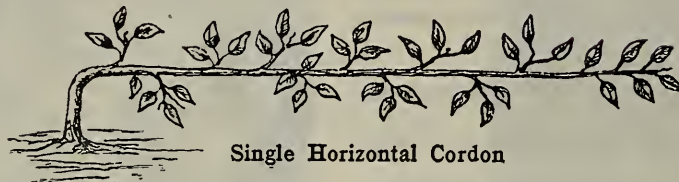
Upright Trained



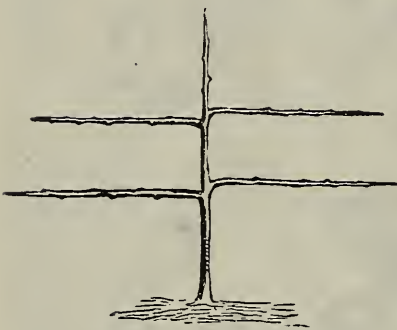
Pyramid



Dwarf Fan Trained



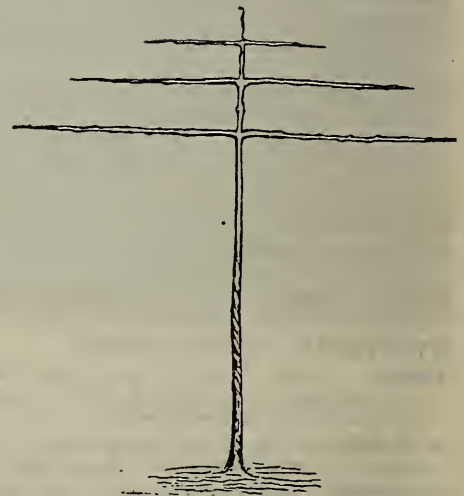
Single Horizontal Cordon



Horizontal Trained



Pot-grown Fruiting Grape-Vine



Horizontal Trained Standard

FOR WALLED GARDENS AND FOR CULTURE UNDER GLASS

We import these plants on advance orders only, from the best and most reliable growers in England. Stock can be relied upon as being absolutely true to name. Catalogue of varieties mailed free on application. To secure the best selection and insure their arrival in good condition, orders should be placed with us before February 1.

APPLES and PEARS. Horizontal and upright trained, pyramids and cordons.....\$3, \$5 and \$7.50 each
PEACHES, NECTARINES, APRICOTS, CHERRIES, PLUMS and DAMSONS. Dwarf fan trained, standard and half-standard fan trained, pyramids and bushes.....\$3, \$5 and \$7.50 each

For Orchard House

Fruiting trees in pots; varieties specially selected for pot culture and for training under glass

- | | |
|--|----------------------------|
| Peaches and Nectarines , bushes, pyramids, and half-standards | } \$3, \$5 and \$7.50 each |
| Apricots , bushes | |
| Cherries , bushes, pyramids and half-standards..... | |
| Plums, Pears and Apples , bushes and pyramids..... | |
| Mulberries , bushes..... | |
| Figs , bushes. Negro Largo, Brown Turkey, etc. | |

English Grape-Vines for Growing Under Glass

- Black Hamburg, Muscat of Alexandria, Gros Coleman, Barbarossa, Madresfield Court, Muscat Hamburg, Lady Downes' Seedling, Buckland Sweetwater, Melton Constante, etc.**
- | | | |
|---------------------------------------|--------|---------|
| | Each | Doz. |
| Strong 2-year-old planting canes..... | \$5 00 | \$50 00 |
| Extra-strong fruiting canes..... | 7 50 | 75 00 |

Garden Tools and Miscellaneous Garden Supplies

Aprons, Gardeners'.

	Each
Fine shalloon, 39-in. with bib and pocket.....	\$3 00
Fine shalloon, 36-in. with bib and pocket.....	2 75
Heavy serge, 39-in. with bib and pocket.....	2 25
Heavy serge, 36-in. with bib and pocket.....	2 00
Rubber, 46 x 36 in.....	1 75
Rubber, 44 x 36 in.....	1 65
Rubber, 42 x 36 in.....	1 55

Baskets, Wire, Hanging.

	Each	Doz.
8 inch diam.....	\$0 50	\$5 00
10 inch diam.....	60	6 00
12 inch diam.....	70	7 00
Strong Brackets.....	30	

Baskets for Orchids. Cherry wood.

	Doz.	100
5-inch.....	\$4 00	\$30 00
6-inch.....	5 00	37 50
8-inch.....	6 00	45 00

Blinds, Split Bamboo. Fitted with cord and pulleys. For shading greenhouses, or for porches and verandas. 5, 6, 8, 10, and 12 feet wide, all 8 feet long in the drop. Stained slats, 1/4 inch wide, \$4 per 100 square feet; 1/2 inch wide, \$5 per 100 square feet. Painted slats, 1/4 inch wide, \$8 per 100 square feet; 1/2 inch wide, \$10 per 100 square feet.

Intermediate sizes of above made to order. Price, on application.



Corrugated Cardboard Boxes

Boxes, Corrugated Cardboard. For shipping. Very strong and reinforced. Shipped flat.

	Doz.	100
No. A. 20 x 7 x 4 inches.....	\$2 00	\$14 00
No. B. 28 x 8 x 5 inches.....	2 75	19 00
No. C. 30 x 12 x 6 inches.....	3 50	24 50
No. D. 36 x 14 x 8 inches.....	4 50	33 00
No. E. 42 x 13 x 6 inches.....	4 75	34 00
No. F. 48 x 18 x 8 inches.....	6 00	45 00

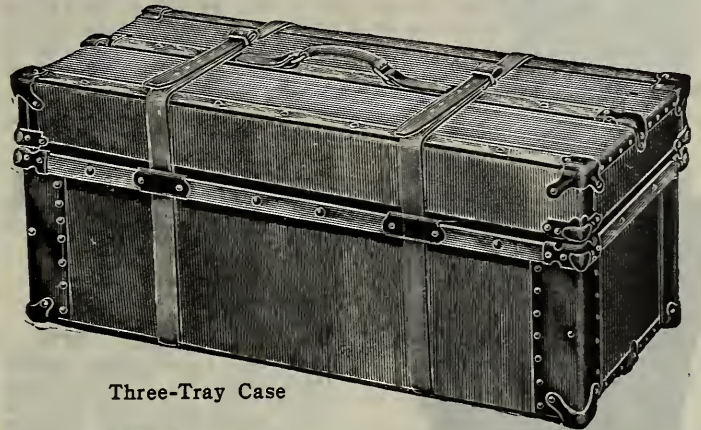
Boxes, Flower, Cardboard. Order by number.

	Depth	Length	Width	100
No. 4 1/2.....	2 3/4 inches	16 inches	4 inches	\$3 50
No. 6A.....	3 inches	18 inches	6 inches	5 50
No. 10.....	4 inches	23 inches	7 1/2 inches	9 00
No. 12A.....	6 inches	26 inches	16 inches	15 00
No. 17.....	8 inches	22 inches	22 inches	20 00
No. 21.....	6 inches	36 inches	8 inches	16 00
No. 23.....	5 inches	30 inches	8 inches	14 00
No. 25A.....	7 inches	36 inches	12 inches	19 00

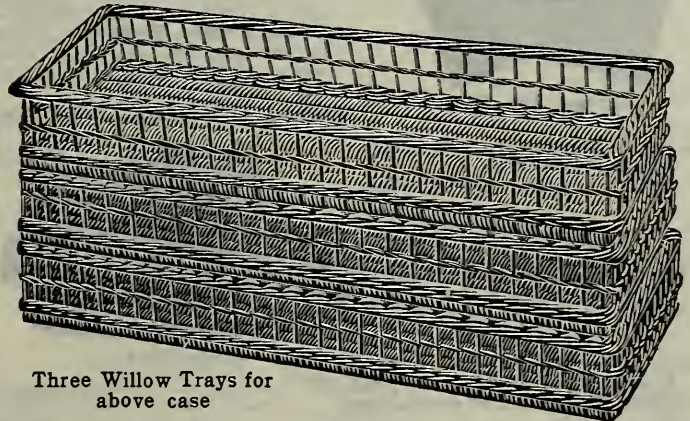
LEATHEROID CUT-FLOWER BOX

For Shipping Cut-Flowers. Very strong and durable.

				Each	Without
				Complete with	trays
3-Tray Cases.	Length	Width	Depth	trays	trays
Model A.....	30 in.	14 in.	16 in.	\$33 00	\$23 00
Model B.....	34 in.	15 in.	16 in.	34 50	24 00
Model C.....	38 in.	16 in.	16 in.	36 00	25 00



Three-Tray Case



Three Willow Trays for above case

LEATHEROID CUT-FLOWER BOX, continued

				Each	Without
				Complete with	trays
2-Tray Cases.	Length	Width	Depth	trays	trays
Model D.....	30 in.	14 in.	11 in.	\$27 00	\$20 00
Model E.....	34 in.	15 in.	11 in.	28 50	21 00
Model F.....	38 in.	16 in.	11 in.	30 00	22 00
Willow Trays.	For above.			Each	
	For Models A and D, 30 in.....			\$4 00	
	For Models B and E, 34 in.....			4 50	
	For Models C and F, 38 in.....			4 75	

Brooms, Bass, Garden or Stable.

	Each	Doz.
12-inch.....	\$0 75	\$8 00
14-inch.....	90	9 50
16-inch.....	1 00	11 00

Bulb Planter, Barr's Imported. A great saver of time and labor. \$6 each.

Carnation Bands, Rubber. Prevent the splitting of the calyx. Oz. 30 cts., 1/4-lb. box \$1.

Carnation Staples, Pillsbury's. For repairing split Carnations. The simplest, quickest, and best method. 35 cts. per 1,000.

Neponset Waterproof Paper Flower-Pots

Unbreakable, light, economical. They last at least one season and their cost is trifling; they nest closely for shipping.

	Doz.	P. P	100	P. P.	1,000
2 1/2 inches.....	\$0 10 (3 ozs.)	\$0 50 (2 lbs.)	\$4 50		
3 inches.....	12 (5 ozs.)	70 (2 lbs.)	6 50		
3 1/2 inches.....	14 (7 ozs.)	90 (3 lbs.)	8 00		
4 inches.....	20 (8 ozs.)	1 20 (4 lbs.)	10 00		
5 inches.....	25 (15 ozs.)	1 75 (7 lbs.)	16 00		
6 inches.....	35 (25 ozs.)	2 50 (11 lbs.)	24 00		

Flower-Pots. Sizes, height and width inside.

	100	1,000	100
2 1/4-inch.....	\$1 00	\$8 50	8-inch.....\$14 00
3-inch.....	1 50	13 00	9-inch.....22 00
4-inch.....	2 40	20 00	10-inch.....30 00
5-inch.....	4 00	36 00	11-inch.....44 00
6-inch.....	6 00	54 00	12-inch.....58 00
7-inch.....	10 50	90 00	14-inch.....95 00

GARDEN TOOLS AND MISCELLANEOUS GARDEN SUPPLIES, continued

Round Seed- or Bulb-Pans—

Inches	Each	Doz.	100
6.....	\$0 12	\$1 10	\$6 00
8.....	28	2 50	14 00
10.....	55	5 00	27 00
12.....	1 00	9 00	57 00

Square Seed-Pans—

Inches	Each	Doz.	100
6 x 6...	\$1 00	\$9 00	\$55 00
8 x 8...	1 40	12 60	67 00
10 x 10..	1 75	16 00	84 00
12 x 12..	2 00	18 00	100 00

Garden Line, Finest Braided. 50 feet, 90 cts.; 100 feet, \$1.50.



Harvest Tan Gloves

Garden Reels. For above, of wrought iron, \$1 and \$1.25.

Gloves, Gardeners'. Harvest Tan, pair, \$1.50; Drummond's Pruning, pair, \$1.75.



Garden Reel

Glazing Points, Peerless. The improved Van Reyper. Made in three sizes, viz.: No. 1, for small, single-thick glass; No. 2, for medium, double-thick glass; No. 2½, for large, double-thick and skylight glass. 1,000, 90 cts.; by post, \$1.

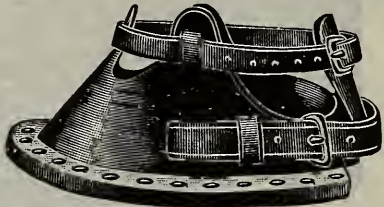
Glazing Points, Siebert's. Made of zinc and will not rust. Two sizes, ¾ and ⅝ inch long. 75 cts. per lb.

Pincers. For glazing points, 50c.

Grape-Protecting Bags. They protect fruit from insects, rust, etc. 100 1,000

No. 2. Small..	\$1 00	\$8 50
No. 3. Medium	1 00	9 00
No. 4. Large..	1 20	10 00

Horse Boots. The best made. For size, measure the outer edge of shoe. Per set of 4 boots, \$15.



Horse Boot

Hose (Rubber Garden) and Hose Attachments. See page 116.

Labels, Wooden, Pot or Garden.

	PLAIN		PAINTED	
	100	1,000	100	1,000
4-inch.....		\$0 75		\$1 00
4½-inch.....		85		1 10
5-inch.....		1 00		1 25
6-inch.....		1 20		1 50
8-inch.....	\$0 40	3 50	\$0 50	4 50
10-inch.....	50	4 50	65	6 00
12-inch.....	60	5 50	75	7 00

Labels, Notched Wooden, Tree.

3 ½-inch.....	60	90
3 ½-inch (copper-wired).....	1 65	2 00

Labels, Celluloid. 4-inch..... I 40 12 00

Labels, Copper. Wired. To be written on with stylus, which is furnished with order for 200 or more.

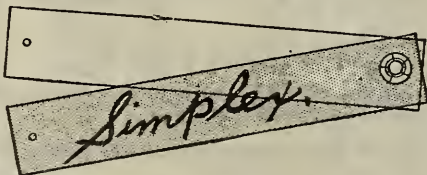
No. 1. Small, ¾ x 3 ½ inches, \$1.75 per 100.

Labels, Boddington's Zinc. For trees or pots, to be written on with indelible ink, with quill or stylus. 100

No. 4. Pot Labels, 5 x 1 in.....	\$1 50
No. 15. 4 ¼ x ¾ in.....	1 25
No. 21. Tree and Plant Labels, with two eyelets, 100 for attaching to stake or stem, 4 x 1 ¼ in.....	\$1 80
No. 5. Tree and Plant Labels, 3 ½ x 2 ½ in.....	2 00
No. 13. Tree and Plant Labels, 2 ¾ x 1 ¼ in.....	1 25

Labels, Simplex Weatherproof Garden. The holder is made of special rust-proof iron, galvanized and japanned green. 18 in. high. Each

No. 10. 2 ¾ x 1 ½ in.....	\$0 20
No. 11. 3 x 2 in.....	25



Labels, Simplex Weatherproof.

	Doz.	100
No. 1. 3 x ½ in.....	\$0 25	\$2 00
No. 2. 4 x ¾ in.....	50	4 00
No. 3. 5 x 1 in.....	75	6 00



Pencils, Garden. For wooden labels. 10 cts. each.

Indelible Ink. For marking labels. Bottle, 50 cts.

Mastica. For glazing greenhouses, hotbeds, sash, etc., better than putty, does not crack, always remains soft. Gal. \$2.

Mats, Frost-proof, Burlap. Made of strong burlap cloth filled with wool and quilted edges firmly bound.

No. 3. Burlap, both sides, 40 x 76 in., \$2.25 each, \$24 per doz.

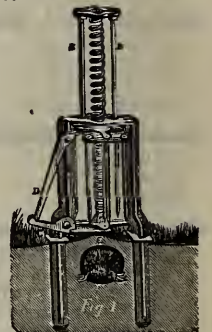
No. 4. Burlap, both sides, 76 x 76 in., \$4.25 each, \$40 per doz.

Straw. For covering sashes, etc. 6 x 6 feet. \$2 each.

Melon Nets. Improved. \$2 per doz., \$15 per 100.

Mole Traps, Olmsted's Improved. \$1.75 ea.

The Reddick. Powerful spring; easily set. \$1.25 each.



Paper, Manila Wrapping. For cut-flowers. Sheets 24 x 36 inches, 15 cts. per lb.; ream, 50 lbs., \$6.50.

White Tissue. Sheets, 24 x 36 in., 50 cts. per lb.; ream, 10 lbs., \$3.50.

Manila Tissue, Brown. 24 x 36 in., 40 cts. per lb., \$3 per ream.

Parceling. Sheets, 20 x 30 inches, 24 x 30 inches, 30 x 40 inches, 15 cts. per lb.; ream, 50, 60, and 100 lbs., respectively, 12 cts. per lb.

Parceling, on Rolls, Kraft. 18 inches wide, weight 25 lbs., \$4.

Parceling, on Rolls, Kraft. 24 inches wide, Olmsted's Improved extra heavy, weight 39 lbs. \$6.

Parchment. For wrapping butter and poultry, etc. 24 x 36 in., 36 lbs. to a ream. 30 cts. per lb., ream \$10.

Waxed. Thin white. 18 x 24 inches, 60 cts. per lb., 5 lbs. \$2.50. 24 x 36 inches, 60 cts. per lb., 5 lbs. \$2.50.

Stand and Cutter, "The Wright." For paper on rolls. 18 inches or 24 inches, \$1.50 each.

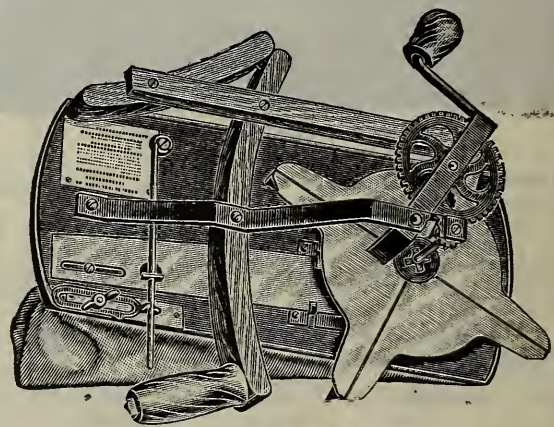
Plant-protecting Cloth. A simple and cheap method for protecting half-hardy creepers upon walls, and also young growing plants in the spring and fall that are growing in frames. This cloth is waterproof and will last for years. Per yd. 100 yds.

36 inches wide, medium grade.....	\$0 18	\$15 00
36 inches wide, heavy grade.....	30	25 00

Putty, Twemlow's, Old English Glazing. Can be used with machine or bulb. Makes a solid bed impervious to moisture, holds glass in place and is not affected by weather. 1, 2, or 3 gallons, \$2.50 per gallon; 5 gallons or over, \$2.45 per gallon.

Raffia, White. Not obtainable.

Raffia, Green, Light and Dark. For tying. \$1 per lb., \$9.50 for 10 lbs.



The Rittenhouse Seeder, No. 3

Seeder, The Rittenhouse, No. 3. A hand broadcaster that sows accurately. Capacity, ½ bushel. Made of steel; cannot get out of order. \$2 each.

Silkalene. For stringing smilax, etc. Fast green colors; will not fade or break. Per spool Per box

FFF. Coarse. 2-oz. spools, 1 lb. in box, 8 spools....	\$0 30	\$2 00
FF. Medium. 2-oz. spools, 1 lb. in box, 8 spools....	30	2 00
F. Fine. 2-oz. spools, 1 lb. in box, 8 spools.....	30	2 00

Sash, Hotbed, L. & B. Best. Made from clean cypress, glazed and painted. \$5 each, \$50 per doz.

Seed-Case, Mouse-proof. Handsomely finished in hard wood, with galvanized drawers inside. It stands 45 inches high, is 25 inches wide, and has 60 compartments. \$30.

Styptic. To prevent bleeding in grape-vines. 75 cts.

GARDEN TOOLS AND MISCELLANEOUS GARDEN SUPPLIES, continued

STAKES AND PLANT SUPPORTS

Bamboo Canes, Chinese. These are the genuine Chinese stakes, being very strong and heavy.

100	1,000	6 feet, heavy.....	100	1,000	
4 feet, heavy...\$2 50	\$23 50	7 feet, heavy.....	4 00	37 00	
5 feet, heavy... 3 00	25 50	8 feet, extra heavy	5 00	45 50	

Bamboo Canes, Japanese. For garden or house plants. Durable, attractive, strong and extremely inexpensive. Just the thing for hyacinths, freesias, lilies, etc.

100	1,000	48 inches.....	100	1,000	
Painted Green		60 inches.....	\$1 00	\$9 00	
12 inches.....\$0 40	\$3 00		1 25	11 00	
18 inches..... 45	3 50				
24 inches..... 50	4 00				
36 inches..... 90	8 00				
42 inches..... 95	9 00				

Bean Poles, Hardwood. 8 feet, pointed, 1 1/2 inches square, tapering to 1 inch, \$2.50 per doz.

Carnation Supports, Model Extension—

Two ring.....	Doz.	100			
Three ring.....			\$0 90	\$6 00	
			1 00	6 50	

Dahlia Poles, or Heavy Stakes. Round, painted green, with long, tapered ends; very strong.

Doz.	100	Doz.	100		
3 feet.....\$0 90	\$7 00	5 feet.....	\$1 50	\$12 50	
4 feet..... 1 25	10 00	6 feet.....	2 00	15 00	

Stakes for Plants, Light. Round, painted green, tapering.

Doz.	100	Doz.	100		
2 feet.....\$0 50	\$3 00	4 feet.....	\$1 00	\$7 50	
3 feet..... 60	4 50	5 feet, extra heavy.	1 25	9 00	

Stakes for Hyacinths. Very useful for staking hyacinths and other plants; stained green.

100	1,000	100	1,000		
3-16 inch thick, 12 inches long.....	\$0 25	\$1 50			
3-16 inch thick, 18 inches long.....	30	2 50			

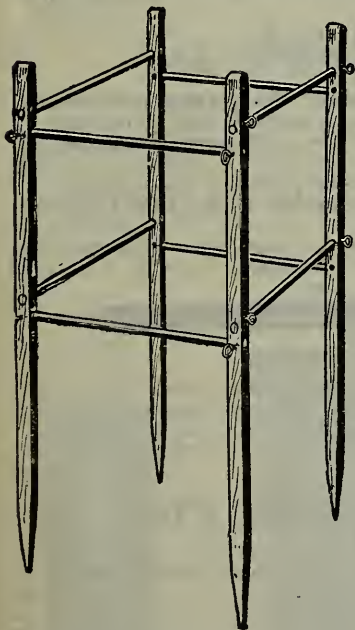
Stakes, Galvanized Wire. No. 8 wire.

100	1,000	100	1,000		
3 feet.....\$2 25	\$21 00	4 1/2 feet.....	\$3 25	\$30 00	
3 1/2 feet..... 2 50	24 00	5 feet.....	3 50	33 00	
4 feet..... 2 75	26 50	6 feet.....	4 50	42 00	

Summer Cloud. A natural green shading for greenhouses, etc. Directions for use with each package. 8-oz. pkg. 60 cts.

Tomato Supports, Model. (Wire.) Two rings, three legs, 45 cts. each, \$4.50 per doz., \$35 per 100.

Perfection. Made of wood and will not burn the vines in hot weather or cut them off when wet and swayed by the wind. Ends creosoted. Can be folded without damage and stored away for following season's use. 36 inches high, 16 inches wide. 30 cts. each, \$3 per doz., \$20 per 100.



Perfection Tomato Support

Lever Clip, Blake's. For fastening rose and chrysanthemum wire stakes. A labor-saving device. Blake's Lever Clip is the "tie that binds." It binds the wire to the stakes. 90 cts. per box (500 to the box), \$1.50 per 1,000.

Trellis Lattice. We recommend the square Lattice especially for use in connection with stucco houses. The Lattice is built in only one width, thus being adaptable around windows and doors, as it can be cut into any desired length.

	Each	Doz.
6 ft. x 18 in...	\$1 75	\$18 00
7 ft. x 18 in...	2 00	21 00
8 ft. x 18 in...	2 25	24 00
9 ft. x 18 in...	2 50	28 00
10 ft. x 18 in...	2 85	32 00
11 ft. x 18 in...	3 25	36 00
12 ft. x 18 in...	3 50	40 00

Tubs, Boddington's Cedar Plant.

	Outside top diam.	Outside height		Price
No. 1.	28 in.	22 in.		\$8 00
No. 2.	26 in.	20 in.		7 25
No. 3.	24 in.	18 1/2 in.		5 25

Tubs, Boddington's Cedar Plant, continued

	Outside top diam.	Outside height		Price
No. 4.	22 in.	17 in.		\$4 75
No. 5.	20 in.	16 in.		4 00
No. 6.	18 1/2 in.	15 in.		3 20
No. 7.	17 in.	14 in.		2 75
No. 8.	16 in.	13 in.		2 30
No. 9.	14 in.	12 in.		1 90
No. 10.	12 in.	9 1/2 in.		1 50
No. 11.	10 1/2 in.	9 in.		1 25
No. 12.	8 in.	7 in.		1 10
No. 13.	8 in.	7 in.		95



Cedar Plant Tub

Twine. Heavy and light parceling. Ball, 50 cts.

Twine on Reels, Italian Hemp.

	Reel			Price
No. 12, Fine.	About 10 lbs. to the reel.....			\$8 00
No. 18, Fine.	About 10 lbs. to the reel.....			8 00
No. 24, Medium.	About 10 lbs. to the reel.....			7 50
No. 36, Medium.	10 lbs. to the reel.....			7 50
No. 48, Heavy.	About 10 lbs. to the reel.....			7 00
No. 60, Heavy.	About 10 lbs. to the reel.....			7 00

Twine, Green. For stringing smilax. Ball, 25 cts.

Twine, Soft. For tying vines, etc., very strong. 3- and 5-ply. Large balls, 35 cts.

Tarred Yarn. Excellent, low-priced material for raspberries, shrubs, etc. Lb. 50 cts.

Tarred Marline. Of better quality than the above; twisted in strands. In 5-lb. balls. Lb. 75 cts.

Vegetable Chart. For intensive culture. Shows how to grow two crops of vegetables where one grew before. 50 cts. each.

Wall Nails, English. With lead tip to turn over vine. Very convenient and simple. 1 1/2 inches. \$2 per 100.

Wadding Cotton. For packing plants and flowers in extremely cold weather; affords safe protection in transit. Sheets 40 x 40 in. \$6 per 100 sheets, \$25 for 480 sheets.

Wax, Grafting. For grafting, or cuts and bruises on trees. Per package, 15 cts., 25 cts., and 40 cts.

Wire, Bouquet, Florists' Annealed. Nos. 22, 23 and 24, in coils of 12 lbs., \$2.50 per coil.

Florists' Bright. Cut in lengths. In boxes of 12 lbs. (one stone). 12 in. and 18 in. long. No. 22 Wire, \$2; No. 24 Wire, \$2.25.

GARDEN TOOLS

Dibbles, Steel-pointed.

	Each	Doz.
Small size.....	\$0 45	
Large size.....	55	



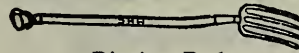
Dibble

English Daisy Grubbers..... 75

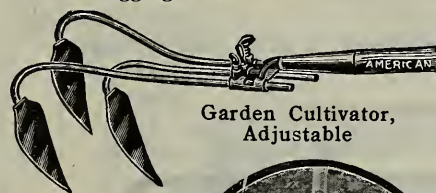
Forks, Digging or Spading.... 2 00 \$22 00

Hay or Stable Fork... \$1 25 \$14 00

Ladies' Short-handled or Strawberry Fork 40



Digging Fork



Garden Cultivator, Adjustable

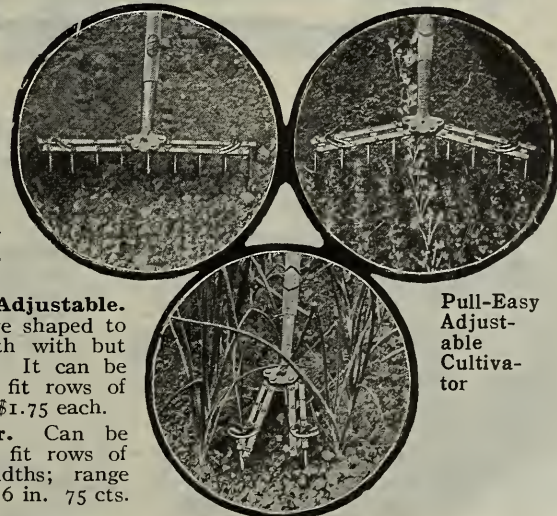
Manure Fork. Long- and short-handled. \$2 each, \$22 per doz.

Ballast Fork. Square tines. 8 tines \$2 each. 10 tines \$2.35 each.

Weeding Fork. No. 1, 25c. ea.; No. 2, 35c. ea.

Garden Cultivator, Adjustable.

By means of the thumb-screws the blades can be adjusted to different angles, or either of the blades removed. \$1.



Pull-Easy, Adjustable.

The teeth are shaped to dig the earth with but slight effort. It can be adjusted to fit rows of any width. \$1.75 each.

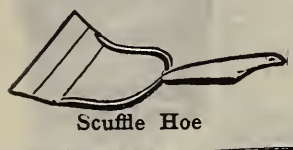
Pull-Easy Adjustable Cultivator

Pull-Easy, Jr.

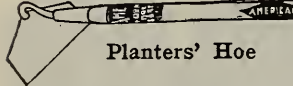
Can be adjusted to fit rows of different widths; range is from 2 to 6 in. 75 cts. each.

GARDEN TOOLS AND MISCELLANEOUS GARDEN SUPPLIES, continued

Glass Cutter. Diamond.....\$3 and \$4 00
 Steel wheel..... 25
 Hoes, Draw or Corn per doz., \$10.50.. 1 00
 Grub Hoes..... per doz., \$7.50.. 75



Scuffle, Dutch or Push.
 5 in...\$1 00 | 9 in...\$1 40
 6 in... 1 10 | 10 in... 1 45
 7 in... 1 20 | 12 in... 1 50
 8 in... 1 30 | Handles 25



Warren, Triangular..... 1 25
 Onion. 7-in.; solid shank..... 1 00
 Onion, Narrow. 7 in. by 1 3/4 in.; solid shank... 1 00



Grub Hoe

Meadow. 8-in., solid shank.....\$1 00
 9-in., solid shank..... 1 20
 Planters'. 7 1/2-inch..... 1 00
 8 1/2-inch..... 1 25
 Bog, Heavy. 6 inches wide..... 1 50
 Handle..... 25

Lawn Mowers and Rollers are offered on pages 114 and 115.

Pruning Hook and Saw Combined, "Little Giant." Saw can be removed when desired; attaches to a pole of any length.....\$2 75

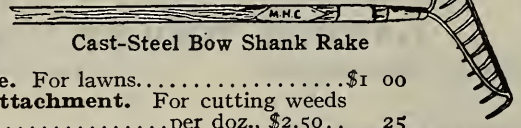
Waters' Tree Pruner. Attaches to a pole of any length.
 6-ft. pole..... 1 50
 8-ft. pole..... 1 75
 10-ft. pole..... 2 00
 12-ft. pole..... 2 25
 Extra blades..... 25



WATERS IMPROVED TREE PRUNER.

Pruning Saws. Various sizes and kinds.....\$1.25 to 1 75

Rakes, "Automatic Lawn." A backward motion of the operator will clean all the teeth at once.
 26 teeth...\$1 75
 38 teeth... 2 00



Cast-Steel Bow Shank Rake

Steel, Reversible. For lawns.....\$1 00

The New Rake Attachment. For cutting weeds when raking.....per doz., \$2.50.. 25

Rakes, Wooden. For lawns per doz., \$8..\$1 00

English or Daisy.....\$3 to 3 50

Hoe-Rake, Combined. 4 tines..... 1 00
 6 tines..... 1 10

Gravel Rake. 14 teeth..... 1 00
 16 teeth..... 1 15
 18 teeth..... 1 25

Cast-Steel Regular Shank Rake. 8 teeth 75 cts., 10 teeth 85 cts., 12 teeth 90 cts., 14 teeth \$1, 16 teeth \$1.10, 18 teeth \$1.15.

Cast-Steel Bow Shank Rake. 14 teeth..... 1 15
 16 teeth..... 1 25

Hay. 3-bow, 14 teeth, 85 cts.; 3-bow, 12 teeth..... 75



Scythes, English Lawn. Cast-steel, 32-in. \$2, 34-in. \$2.15, 36-in. \$2.25, 38-in..... 2 40

Scythe Snatch or Handle..... 1 50

Scythe Stones, Round Dressed Talacre. . per doz., \$3.50.. 35

Scythe Rifles, Triple Emery-covered..... 30



Hedge Shears

Shears, Hedge, English. 9-in. and 10-in. \$3 and 3 50

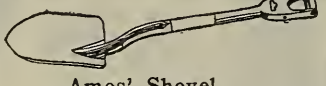
Grass Border, Best English. 8-, 9- and 10-in. \$3.25, \$3.75, and 4 50

Shears, Sheep, or Grass. 6-inch blade..... 1 00

Shovels, Ames' Crucible Steel

D-Handle, Round Point... \$2 50
 D-Handle, Square Point... 2 50
 Long Handle, Round Point 2 50
 Long Handle, Square Point 2 50

Sickles, or Grass Hooks, English. 60 cts., 75 cts., and \$1 each.



Ames' Shovel

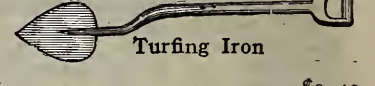
Spade, either D- or Long-Handle, Square, Crucible Steel.....\$2 50
 Tree Scrapers. Best steel..... 55

Trowels, Solid Steel
 Socket Shank.
 6-inch.....\$0 80
 7-inch..... 90



English Pattern, Riveted Shank. 6-inch.....\$0 40
 Transplanting. 6-inch..... 30

Turfing Iron, or Sod Cutter, English. For lifting sods.....\$5 50
 Weeders, Excelsior..... 20



Turfing Iron

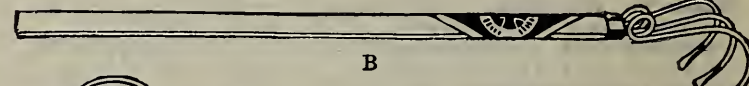
Eureka Weeding Fork.....\$0 40
 Hazeltine..... 50



Hazeltine Weeder

"Pull Easy" Lawn Weeder. The curved edge of the blade enters and loosens the soil; pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull suffices to dis-

lodge it without disturbing the surrounding sod..... 75



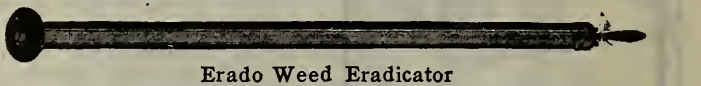
Magic. Very useful garden tools. Made of best-quality hard steel wire; strong, light, and durable.

Style A.....\$0 15 | Style E..... 40
 Style B..... 25 | Style F..... 60
 Style C..... 30

Weed Eradicator, "The Wikeham." For the application of liquid weed killers to dandelions, plantains, etc.; it pierces the crown of the weed and at the same time injects the liquid poison..... 6 00

Weed Eradicator, Erado. A slight push and twist, liquid weed-killer shoots into root of weed, kills it, and knife takes off top.

Erado A. Galvanized iron cylinder, brass tip, iron handle. 1 25
 Erado D. Solid brass, with iron handle..... 1 75



Erado Weed Eradicator

The Coldwell Lawn Trimmer. For trimming the edges of lawns, flower-beds, around trees, posts, monuments, and shrubbery. Also all places not reached by a lawn mower. Will do in a few minutes the work it would take hours to do with shears..... 6 00

KNIVES, SCISSORS, ETC.

Asparagus Knife, Granite State.....\$0 50

Knives, Boddington's 2-bladed. Brass-bound at ends; very strong..... 1 50

No. 938. Pruning..... 2 00

No. 196. Pruning; 2 blades..... 2 75

No. 143. Pruning..... 1 50

No. 100. Budding..... 2 00

Knives, Celebrated English. Best made.
 No. 916. Budding..... 2 50
 No. 403. Budding, long-handled..... 2 50
 No. 285 1/2. Budding..... 1 00

See illustrations on page 109

GARDEN TOOLS AND MISCELLANEOUS GARDEN SUPPLIES, continued



100 143 196 938 916

Scissors, Grape-thinning. Each
 6 1/2-inch \$2 00
 7 1/2-inch 2 50

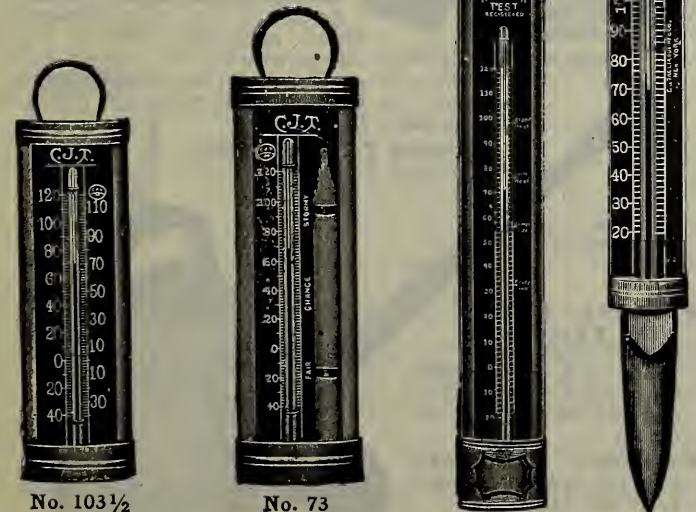


Pruning Shears, Boddington's Model French.
 Each
 6 1/2-inch.....\$1 75 | 9 1/2-inch.....\$2 50
 7 1/2-inch..... 2 00 | 10 1/4-inch..... 2 75
 8-inch..... 2 25 | Extra springs..... 30
 Pruning Shears, Anglo-Aubert. 7 1/2-inch... 1 75
 8 1/2-inch..... 2 25

English Flower-gathering Scissors. Will cut and hold the flower.
 6 inches..... 2 00
 8 inches..... 2 50

THERMOMETERS

Japanned. Tin case, 10- and 12-in., 65 and 80 cts. each.
 Self-registering (maximum and minimum). \$4 each.
 Mushroom-Bed. Galvanized frame, wood handles, and mercury bath. \$2 each.
 Hicks' English Self-registering, Japanned. The most accurate Thermometer manufactured. 8-inch, \$8.50; 10-inch, \$9.50; 12-inch, \$12.



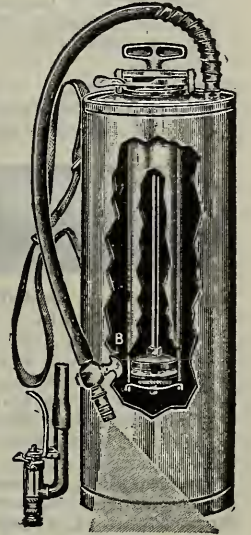
No. 103 1/2 No. 73

THERMOMETERS, continued

Polished Coppered Case, Storm Glass. Silvered or oxidized metal scale, tube mounted with polished copper trimmings. \$1 each.
 8-inch Thermometer. Metal scale, mercury or spirit magnifying tube, in finely polished coppered case, for outdoor use. 75 cts. each.
 Tree Scrapers, H ndled. Each, 60 cts.
 Toothpicks. For stemming flowers; wired. Per box of 10,000, \$3.

HOSE, SYRINGES, SPRAYERS, ETC.

Alpha Sprayer. The premier English compressed-air Sprayer. Makes a beautiful, fine spray which covers a large area.. Adapted for spraying under foliage; works automatically by compressed air. Sold in two sizes: No. 3 (holds 4 qts.), \$13; No. 1A (holds 2 qts.), \$11.
 Auto - Spray. For spraying insecticides, fungicides, whitewash, etc. When properly charged holds three gallons of solution and one gallon of compressed air. The "Auto-Pop" Nozzle cannot clog. No continuous pumping; twelve strokes of the plunger will compress the air, and two pumpings will empty the entire contents. It works entirely automatically from six to fifteen minutes, according to the nozzle opening.
 Auto - Spray No. 1 B. Brass tank, with "Auto-Pop" Nozzle, \$10.
 Auto - Spray No. 1 D. Galvanized tank, "Auto-Pop" Nozzle. \$6.75.



Auto-Spray

EXTRA ATTACHMENTS



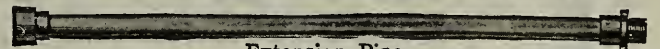
Brass Elbow



Brass Strainer

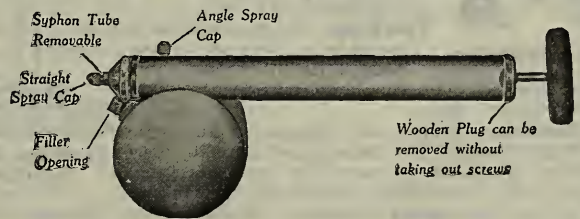
Brass Strainer. Necessary for the proper preparation of solutions. \$1.25.

Brass Elbow. For spraying the under side of foliage. 35 cts.



Extension Pipe

Extension Pipes. Brass, 2-foot lengths; as many as three can be used for reaching trees. Each length 60 cts.



Atomizer and Sprayer, Boddington's Compressed-Air. The most perfect hand compressed-air Sprayer made. Is fitted with straight and adjustable nozzles. 1 qt., brass tank, \$2; galvanized, \$1.25.

Auto-Spray No. 25. Used for spraying rose and currant bushes. 1-quart, galvanized tank, \$1.25 each; brass \$1.50 each; tin, \$1 ea.
 Auto-Spray No. 40 D. Galvanized tank, capacity 12 gallons; with truck, 20-in. wheel, \$19.



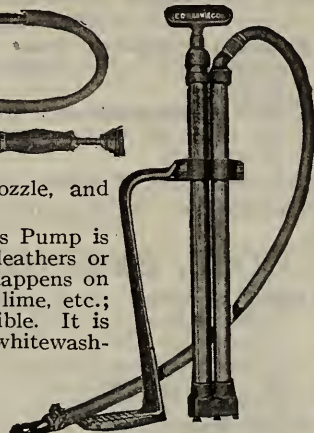
GARDEN TOOLS AND MISCELLANEOUS GARDEN SUPPLIES, continued



Auto-Spray No. 5. Pump, hose, nozzle, and strainer, complete. \$5.

Bucket Pump, Brown's No. 2. This Pump is made entirely of brass and has no leathers or packing to shrink and dry up, as happens on other Pumps, especially after using lime, etc.; therefore it is practically indestructible. It is used for spraying small fruit trees, whitewashing or disinfecting chicken-coops, etc. \$5.

Kinney Pump. For distributing water and manure through the hose at the same time. \$2.50.



Brown's Bucket Pump No. 2



Hose, Rubber, Boddington's Quality Non-kinkable. Made of pure rubber by a special process, does not crack or scale, and will not kink. We can supply in any length. Guaranteed for one year. 3/4-inch, \$7 for 25 feet, \$13.50 for 50 feet, \$26 per 100 feet.

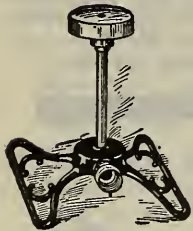
The Revero. Being of continuous length, you can get any length wanted up to 500 feet in one piece—thereby avoiding leaky couplings whenever long lengths are necessary. Cut any length desired and fitted with couplings. 3/4-inch, 26 cts. per foot, 1/2-inch, 22 cts. per foot.

Hose Couplings, Brass. 1/2-inch and 3/4-inch, 25 cts. each.

Hose Clamps. 1/2-inch and 3/4-inch, \$1.50 per doz.

Hose Menders, Cooper's. 3/4-inch, 15 cts. each, \$1.50 per doz.

LAWN SPRINKLERS, ETC.



Eureka No. 55B. The Eureka Sprinkler will revolve under extremely low pressure, and is a first-rate article. The head, arms, and upper stem are nickel-plated brass and all bearing parts of the Eureka are of brass. The base is japanned black and has a loose swivel. Height 10 inches. \$2.

Maid of the Mist. A superior lawn fountain, very much in demand. \$1 each.

The Ring. An excellent lawn sprinkler. Made of heavy brass, 8 inches in diameter.

Turbine Sprinkler

Easily moved over the lawn without turning off the water. \$1.25.

The Turbine. Simple and effective. \$2 each.

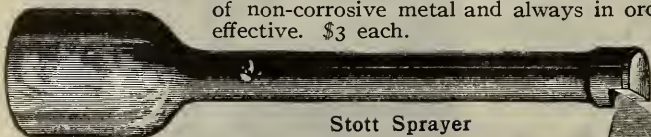
The Twin Comet. The three upper arms revolve rapidly, sprinkling meanwhile, and carrying around a slowly revolving nozzle, which sprinkles the ground for a great distance. Height, 17 in. \$6 each.

"Siamese" Lawn Sprinkler Attachment. By using these, several Sprinklers can be used at one time. For 3/4-inch hose, \$1 each.

The Partridge Lawn Sprinkler, No. 3. Recommended for lawns and small areas. Construction very simple; made of non-corrosive metal and always in order. Very effective. \$3 each.



Partridge Lawn Sprinkler



Stott Sprayer

Stott Sprayer. A splendid aid; for spraying with hose; sprays under foliage perfectly. Single, \$2 each; double, \$2.75 each.

Syringe, "Abol." The best brass hand Syringe manufactured, with angle-neck attachment. No. 6, \$8.50 each.

Syringe, Reed's Patent. Extra-heavy brass Syringe, 20 x 1 3/4 inches. English-made. Two roses and one jet, with quick-filling valves. \$10 each.

Sprinklers, Rubber, Scollay, Straight-neck. For spraying flowers. Large, \$1.25.
Angle-neck. \$1.25.
Rubber Putty Bulb. For applying soft putty and white lead in glazing. \$1.25.



Scollay's Plant Sprinklers



NO. 1 ANGLE

Schubert's Sprinkler. Can be used for either watering or syringing; especially recommended for greenhouse purposes. \$1.50 each.

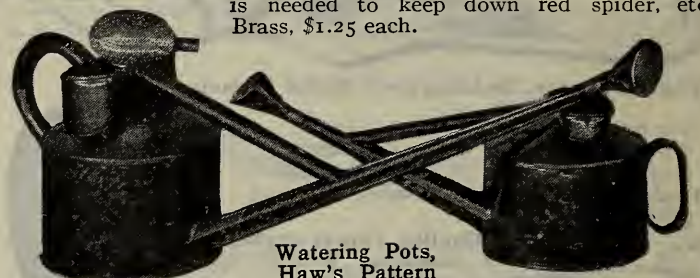
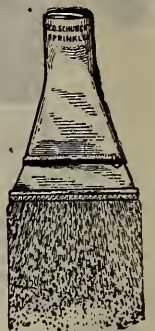
Turbine Shower Tree Sprayer. Used with conspicuous success in the New York City parks. \$1.50.

Spray Nozzle, The Boston Graduating. Throws a coarse or fine spray or a solid stream. 3/4-inch, 75 cts.

The Boston Rose Hose Sprinkler. A wide-faced nozzle with numerous small holes, giving a gentle shower that will not disturb the soil. 3-in. face, \$1; 4-in. face, \$1.25.

Sprayer, Hand. (Muratori's Patent.) Invaluable for spraying orchids and other plants hanging from the rafters of a greenhouse; especially adapted for ladies in the garden. Works automatically by compressed air. \$12 each.

Spray Nozzle, The Newport. Excellent for getting under foliage of roses, palms, etc., where force is needed to keep down red spider, etc. Brass, \$1.25 each.



Watering Pots, Haw's Pattern

Watering Pots, French. Brass handles and joints, two copper-faced roses, coarse and fine. 6-qt. \$4, 8-qt. \$4.50, 10-qt. \$5



French Watering Pots

Watering Pots, Haw's Pattern.

No. 0, 3-qt., shelf, 9-inch spout, one rose and extra joint, \$3.75. No. 1, 3-qt. japanned, two roses, \$4. No. 2, 4-qt., japanned, two roses, \$4.50. No. 3, 6-qt., japanned, two roses, \$5. No. 4, 8-qt., japanned, two roses, \$5.50. No. 5, 10-qt., japanned, one rose and spreader, \$6. No. 6, 12-qt., japanned, one rose and spreader, \$7.50.

Watering Pots, Strawberry, or Shelf. Galvanized; holds 3 qts. \$2.

"The Philadelphia"

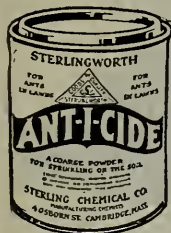
Watering Pots, "The Philadelphia." With brass joints and two copper-faced roses. 6-qt. \$3.50, 8-qt. \$4, 10-qt. \$4.50, 12-qt. \$5.

Woodson's Atomizer. For liquid insecticides. \$2.50 and \$3.50 each.



INSECTICIDES, FUNGICIDES, ETC.

Alphano Inoculant. Directions on packages. 1-acre size \$1.
Aphine. Effective against plant-sucking insects, such as green, black or white fly, red spider, thrip, mealy bug, brown and white scale. An excellent cleanser for house-plants. ½pt. 40c., pt. 65 cts., qt. \$1, gal. \$2.50.



Aphis Punk. Used for fumigating, giving off dense fumes of nicotine. Excellent for exterminating aphis, thrip, white and green fly, also red spider. Pkg. 60 cts., \$6.50 for 12 pkgs.

Ant-i-cide. A powder with a repellent odor, effective against ants and crawling insects that infest lawns. Strew so the surface infested will be thoroughly covered. One pound will dress about 300 square feet. Lb. pkg. 35 cts.

Arsenate of Lead, Key Brand, Paste. For caterpillars and chewing insects. For spraying trees

and shrubs against leaf-chewing insects, fruit flies, and codling moth. Contains 15 ½ per cent arsenic oxide, mixes easily in water without clogging nozzle, sticks like paint, kills quickly, and will not burn foliage. Dilute 1 pound to 25 gallons of water. Lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, 12 ½ lbs. \$3.50, 25 lbs. \$6.50, 50 lbs. \$12.50, 100 lbs. \$24.

Asbestos Torches. For destroying caterpillars' nests on branches of trees. 75 cts. each; with pole, 30 cts. extra.

Black-Leaf 40. A concentrated solution of nicotine sulphate; an excellent spray for black aphides and sucking insects of all kinds. Dilute one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. 1-oz. bottle 25 cts., ½-lb. tin 75 cts., 2 lbs. \$2.50, 10 lbs. \$10.75.

Bordeaux Mixture, Key Brand, Liquid. For blight, mildew, rust, and fungus diseases. Also prevents and cures black rot and scab, and acts as a deterrent for insects on fruits and vegetables. One gallon makes 50 gallons of solution, Pt. 30 cts., qt. 50 cts., gal. \$1.25, 5 gals. \$5.

Bordeaux Mixture, Key Brand, Powdered. Used same as bordeaux mixture paste or liquid. Also used for dry dusting. Dilutes 1 pound to 8 gallons of water. Lb. 45 cts., 5 lbs. \$2, 10 lbs. \$3.50, 25 lbs. \$8, 50 lbs. \$15, 100 lbs. \$28.

Bordo-Lead, Key Brand, Paste. Insecticide and fungicide—two sprays in one. Arsenate of lead combined with a special bordeaux mixture by a new process, in one spraying operation killing the insects and preventing blight, mildew, rust, etc. Splendid for potatoes and most vegetables, apples, pears, and roses. Sticks like paint and remains on foliage. Best crop insurance. Lb. 35 cts., 5 lbs. \$1.50, 10 lbs. \$2.75, 25 lbs. \$6, 50 lbs. \$11, 100 lbs. \$21.

Borowax. The fruit-grower's friend. A complete protection against borers if properly applied to peach, plum, apple, pear and quince trees. Qt. 35 cts., ½gal. 60 cts., gal. can \$1, 6 gals. \$5, ½bbl. \$20, bbl. \$35.

Bug Death. Largely used instead of paris green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Lb. 25 cts., 3 lbs. 60 cts., 5 lbs. 90 cts., 12 ½ lbs. \$2, 100 lbs. \$12.50.

Copper Solution, Ammoniated. Effective against mildew and rust. One quart of solution to twenty-five quarts of water. Qt. \$1, gal. \$2.50.

Climax Lawn Sand. Kills every weed that grows on grass lawns and also improves the grass. Full instructions for using with all packages. 3 ½-lb. tin can 60 cts., 7-lb. tin can \$1, 14-lb. tin can \$1.75, 28-lb. wooden keg, \$3, 56-lb. wooden keg \$5.50, 112-lb. wooden keg \$9.



Cut-Worm Killer. A preparation for the destruction of cut-worms. It is alluring and palatable, and cut-worms prefer it to the plants. Chickens and birds will not be poisoned if they eat the worms killed by it. One pound is sufficient for 175 plants in hills, and 100 feet when in rows. Lb. box, 30 cts., parcel post weight 2 lbs.; 5-lb. tin, \$1.25, parcel post weight 6 lbs.; 25 lbs. \$5.

Fir-Tree-Oil Soap, Stott's. Kills green and black fly. ½-lb. can 30 cts., 2-lb. can 85 cts.

Flowers of Sulphur. Used for fumigating and dusting. Lb. 15 cts., 10 lbs. \$1, 25 lbs. and over at 8 cts. per lb.

Fungine. An infallible remedy for mildew, rust, wilt, bench-rot, and other blights affecting flowers, fruits,

etc. ½pt. 40 cts., pt. 65 cts., qt. \$1, gal. \$3.50, 10-gal. keg \$35.

Gishurst's Compound. Destroys thrip, red spider and scale. 60 cts. per box.

Hammond's Grape Dust. For mold, mildew, and rust. 5-lb. pkg. 80 cts., 100-lb. keg \$14.

Hammond's Slug-Shot. Effectual in destroying potato bugs, etc. 5-lb. pkg. 60 cts., 10-lb. pkg. \$1.20, 100 lbs. \$9.

Hellebore Powder. One-ounce to three gallons. 1-lb. box 80 cts., 2-lb. box \$1.40, 25 lbs. \$15.50.

Herbicide. A liquid weed-killer. 1 gallon diluted with 40 gallons of water will thoroughly clean 1,000 square feet of ground of all weeds. 2-gal. keg \$3.25, 5-gal. keg \$7, 10-gal. keg \$12.50.

Imperial Soap Spray. Peculiarly effective against red spider, on fruit, etc., rose bug, white, black, and green fly, mealy bug, thrip, aphis, and other insect pests on fruit, flowers, and foliage. Qt. 55 cts., gal. \$1.80, 5 gals. \$8.

Kerosene Emulsion. Splendid summer wash for scales and aphis. Qt. 50 cts., gal. \$1.25, 5 gals. \$5.50.

Lemon Oil. Kills green and black fly. Pt. 60 cts., qt. \$1, ½gal. \$1.75, gal. \$2.75, 5 gals. \$11.

Lime-Sulphur Solution. For all scale insects on trees and shrubs, also of benefit for such fungous bark diseases as can be treated in winter. One gallon to 30 to 40 gallons of water. Qt. 50 cts., gal. \$1, 5-gal. can \$4.25.

Nicotide. Directions on packages. 2-oz. bottle, 60 cts., ¼pt. 80 cts., pt., sufficient for 32,000 cubic feet, \$2.75, gal. \$18.

Nikoteen. A thorough exterminator of insects. Small bottle for amateurs, 40 cts., pt. bottle \$1.50.

Nico-Fume Paper. For fumigating. Packed in tins. 24 sheets 85 cts., 144 sheets \$4, 288 sheets \$7.50.

Nico-Fume Liquid. For spraying and fumigating. Lb. \$1.50, 4 lbs. \$5.50, 8 lbs. \$10.50.

Paris Green. For the destruction of potato bugs. Lb. 80 cts., 5 lbs. \$3.25.

Pyrox. (Bowker's.) The one best and safest all-round spray which kills all leaf-eating insects and prevents blights and fungous troubles, without injury, on fruit trees, grape-vines, currant bushes, potatoes, cantaloupes, cucumbers and other garden vegetables, also on rose bushes, shrubbery, etc. It is a creamy paste which looks like paint and "sticks like paint." It needs only to be mixed with cold water and it is ready to apply. Once tried, always used. Lb. 45 cts., 5 lbs. \$1.75, 10 lbs. \$3, 25 lbs. \$6.75, 50 lbs. \$12.25, 100 lbs. \$23.

Readeana. Rose-bug exterminator. A poisonous preparation which dilutes in water. Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. Qt. \$1.35, ½gal. \$2.25, gal. \$4.

Scalecide. Soluble crude oil. Used diluted for the destruction of the San José scale. Qt. 55 cts., gal. \$1.50, 5 gals. \$5.75, 10 gals. \$9.85, 30-gal. bbl. \$22, 50-gal. bbl. \$33.

Scale Destroyer, Key Brand, Soluble Oil. Most effective for leaf-roller. Dormant spray for San José scale. Spray for tree-infesting scale and most soft-bodied sucking insects. No disagreeable odor, no clogging of nozzle, no burning of the eyes as with Lime Sulphur. May be used in spring or fall. Mixes easily; has no sediment. Dilutes 1 gallon to 20 gallons of water. Qt. 50 cts., gal. \$1, 5 gals. \$4.25.

Sodium Cyanide. For Edwards' Cyaniding Apparatus. \$1.50 per lb.

Tobacco Dust. The burning or dusting kind. 5 lbs. will fumigate a house 100 x 25 feet. Lb. 20 cts., 100-lb. bag for \$5.

Tobacco Stems. 100-lb. bale \$2, 300 lbs. \$5.50.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. 1 lb. 50 cts., 3-lb. can \$1.45, 10-lb. can \$4.50, 25-lb. can \$10.50.

Tree-Wound Paint, Key Brand. Prevents decay. A residuum, penetrating, antiseptic paint that is not affected by heat, cold, or moisture. Does not peel, crack, or get brittle. Stops tree bleeding. Qt. 60 cts., gal. \$1.50, 5 gals. \$7.

Vermine. A soil-sterilizer and germicide for all soil vermin, such as cut-, eel-, wire-, and grub-worms, slugs, root-lice, maggots and ants. Pt. 65 cts., qt. \$1, gal. \$3, 5-gal. keg \$12.50.

Whale-Oil Soap. Kills all plant aphis. Lb. 30 cts., 5-lb. box \$1.25, 25 lbs. \$4.50, 100 lbs. \$16.

Weed Killer, Key Brand. Quart can, will make six gallons of liquid, 60 cts.; gallon can, will make twenty-five gallons of liquid, \$1.75; 5-gal. keg, will make 125 gallons of liquid, \$7.

X-L-All Liquid Insecticide. English preparation for spraying; harmless to very delicate plants; kills mealy bug, red spider, and all insect pests. Qt. \$1.75, ½gal. \$3, gal. \$5.

X-L-All Vaporizing Compound. Claimed to be the most easy, effectual and cheapest method of fumigating greenhouses and frames ever invented. In dry cake form, box of 80 cakes for \$12.50, 20 cts. per cake. Each cake sufficient for 1,000 cubic feet. No. 1. \$9 bottle contains sufficient for 40,000 cubic feet of space. No. 2. \$5 bottle contains sufficient for 20,000 cubic feet of space. No. 3. \$3 bottle contains sufficient for 10,000 cubic feet of space. No. 4. \$2 bottle contains sufficient for 5,000 cubic feet of space.



VAPORIZERS AND BELLOWS



Campbell's Vaporizer

Vaporizer, Campbell's Patent Sulphur.

Designed to vaporize sulphur in greenhouses without danger. Most useful for killing mildew and other fungous diseases. No. 1, for houses up to 5,000 cubic feet of space, \$7, No. 2, for houses up to 10,000 cubic feet of space, \$8.50.

Glass Balls for preceding. Per box of 6, 25 cts.

Yellow Powder. Per tin, 20 cts.

Hollow or Solid Wicks for either size, 25 cts.

Nicotinic Fumigator. 75 cts.

X-L-All Vaporizer. Lamp and stand complete, \$1.75.
Smaller size, complete, \$1.50.

Bellows, Powder, Woodason's. Single-cone, large size, \$3.
Single-cone, small size, \$1.75.
Double-cone, \$5.

FERTILIZERS, MANURES, ETC.

ASHES, CANADA HARDWOOD. Apply one to two tons to the acre, as one heavy application will help much more than the same quantity would applied in fractions. Bbl. of about 200 lbs. \$4.

Basic Slag. The soil-sweetening phosphate. For grass, clover, berries, fruit trees, hedges, etc. The results obtained are very striking. 5-lb. tin 75 cts.

Blood, Dried or Ground. Excellent stimulant for palms, ferns, carnations, etc. 100 lbs. \$10.

Blood and Bone. Invaluable for garden and field crops, grapevines, etc. 100 lbs. \$7, ton \$125.

Bon Arbor, Dry. 5 lbs. \$2.50.

Bon Arbor. A liquid plant-food good for all plants. Put up in 1- and 2-gallon kegs, \$2.25 per gallon; in 25-gallon barrels, \$1.75 per gallon; in 50-gallon barrels, \$1.50 per gallon.

BONE FERTILIZERS. Quantity required for permanent pasture and mowing lands, one-half to one ton to the acre. For trees and vines, two to four quarts each. For top-dressing, 1,000 to 1,500 lbs. to the acre. For field and garden crops, three-fourths to one ton broadcasted and harrowed in. For rose-beds, pot-plants, etc., one part to about fifty of soil.

Bone Dust for Quick Action. Effective as a top-dressing and for mixing in soil. 1-lb. tin 20 cts., 5-lb. tin 75 cts., 100 lbs. \$4, 200-lb. bag \$7.50, ton \$70.

Bone Meal for General Use. Pure ground bone, not quite so finely ground as the preceding. 100 lbs. \$4, 200 lbs. \$7.50, ton \$70.

Bone Meal for Roses. For use under glass; the highest quality obtainable. 100 lbs. \$4.50, 200 lbs. \$8.50, ton \$75.

Bone, Crushed, Coarse. For vine borders, etc. 1/2 inch, 200 lbs. \$11.50, ton \$100.

Clay's Fertilizer. Our stock is exhausted and Clay & Son give us no information as to when they will make us further shipments. We recommend in place Thomson's Vine, Plant and Vegetable Manure, or Ichthemic Guano.

Corn and Vegetable Compound, Golden Brand. This is a first-class manure, especially adapted for corn and vegetables. 200-lb. bag \$7.50, ton \$70.

Farmogerm. High-bred nitrogen-gathering bacteria for clover, alfalfa, garden peas, sweet peas, beans and other legumes. Bacteria produce nodules on the roots of legumes such as peas and beans. Price, in acre size, \$2 each; in garden size, 50 cts. each. In ordering, state what legume you wish to plant.

Guano, Ichthemic. A celebrated English fertilizer. An ideal plant food. 56-lb. bag \$5, 112 lbs. \$9.

Guano, Peruvian. (Genuine.) High in ammonia, potash and phosphoric acid. Lb. 30 cts., 5 lbs. \$1, 25 lbs. \$3.25, 50 lbs. \$5.50, 100 lbs. \$10.

Horn Shavings. For mixing in potting soil; especially useful for chrysanthemums and orchids. 25 lbs. \$2.50, 50 lbs. \$4.50, 100 lbs. \$8.

Humus, Atkinson's Prepared. A splendid manure for lawns, flowers and vegetables. 100 lbs. \$3, ton \$50.

Land Plaster, or Gypsum. Valuable for soils requiring lime and sulphate; good for sour soils. 100 lbs. \$2, ton \$18.

Lawn Top-Dressing, Odorless. 200 lbs. \$9, ton \$80.

Lawn Sand, "Climax." Kills every weed that grows on grass lawns and also improves the grass. Full instructions for using on each can. 3 1/2-lb. tin can 60c., 7-lb. tin can \$1, 14-lb. tin can \$1.75, 28-lb. wooden keg \$3, 56-lb. wooden keg \$5.50, 112-lb. wooden keg \$9.

Lime, Agricultural. A plant-food and neutralizer for acid soils. 100 lbs. \$1.75, 500 lbs. \$6, ton \$16.

Nitraco. Has been evolved after years of study of the fertilizer business and the demands of the gardening public, and is designed to be the most perfect and complete fertilizer placed upon the market. Analysis: ammonia 4 per cent, phosphoric acid 8 per cent, potash 2 per cent. Lb. carton 25 cts., 5-lb. carton 75 cts., 10-lb. bag \$1.25, 25-lb. bag \$2.50, 50-lb. bag \$4.50, 100-lb. bag \$6.



NITRATE OF SODA. 100 to 300 lbs. per acre. 1-lb. tin 25 cts., 5-lb. bag 75 cts., 10 lbs. \$1.25, 25-lb. bag \$2.50, 50-lb. bag \$4.50, 100-lb. bag \$8.50.

Potato Manure, Golden Brand. We highly recommend this for potatoes. 200-lb. bag \$10, ton \$85.

SHEEP MANURE, PULVERIZED. For top-dressing grass, use one to two tons to the acre. Prepared for use by a patent process which destroys all weed seeds, and at the same time preserves the fertilizing properties indefinitely. In bags of 100 lbs. \$3.00, 500 lbs. \$13, 1,000 lbs. \$25, ton \$50.

Sulphate of Ammonia. Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use one pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil or three gallons of water. 100 lbs. \$12.

Superphosphate, Plain (Acid Phosphate). Good for all crops and unexcelled as a top-dressing for grass lands and grains. 100 lbs. \$3, 200 lbs. \$5.75, ton \$40.

Scotch Soot. (Genuine Imported.) Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs, and cut-worms. Sold in 100-lb. bags only. \$5 per bag.

Salt, Agricultural. For top-dressing asparagus, etc. Sold in 100-lb. bags only. \$3 per bag.

Tankage, Fine Ground. Contains both blood and bone. 100-lb. bag \$7, ton \$125.

Thomson's "Special" Chrysanthemum Manure. Imported and sold in original bags. An excellent stimulating manure for top-dressing of chrysanthemums and similar plants. It is entirely soluble and very powerful, especially suitable for top-dressing plants in pots during the growing season. A heaped dessert-spoonful will be sufficient for a 10-inch pot, sprinkled over the surface of the soil and watered in with tepid water. This may be given three times during the growing season. The very best results will follow. 28-lb. bag \$4.25, 56-lb. bag \$8, 112-lb. bag \$15.

Thomson's Vine, Plant and Vegetable Manure. So compounded as to combine stimulating with lasting effects. A safe and reliable food and stimulant for every fruit-bearing plant, for foliage and flowering plants, for vegetables and outdoor plants of every description; admirably adapted for mixing with the soil when potting in the proportion of four pounds to each wheelbarrow-load of soil. 28-lb. bag \$2.50, 56-lb. bag \$4.50, 112-lb. bag \$8.

POTTING MATERIALS, ETC.

Charcoal, Lump and Dust. Keeps potting soil sweet. Useful for potting orchids. Lb. 25 cts., 10 lbs. 75 cts., 100 lbs. \$5.

Cocoanut Fiber. Bus. \$1, 3-bus. bag \$2.50.

Fiber, Boddington's Prepared, for Growing Bulbs without Drainage. Pk. 50 cts., bus. \$1.50.

Leaf-Mold. Per bus. \$1, bbl. \$2.50.

Moss, Live Green Sphagnum. Fresh, in season. Bus. \$1.25, bbl. \$3.50.

Moss, Dry Sphagnum. Bale \$2.75.

Moss, Sweet, Natural Green. For covering the pots or tubs of large plants; sheets range in size about 1 foot wide, and from 2 feet to 5 feet long. Bag of about 2 bus., \$6.

Peat (Osmunda) for Orchids. Bbl. \$3.50.

Peat, Rotted Fibrous. An excellent material for mixing with potting soil for many plants, such as ferns, begonias, etc. Bbl. \$3.

Inoculate Your Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches, and all other legume crops with

Mulford Cultures

FOR LEGUMES

Small Cost Large Returns Easy to Use No Labor Expense



Uninoculated ALFALFA Inoculated
Photographed on same scale. Plant on left not inoculated.—Plant on right inoculated with **Mulford Culture for Alfalfa**. All other conditions identical.

THE CONTRAST SPEAKS FOR ITSELF

Mulford Cultures contain pure, tested strains of active, vigorous, nitrogen-fixing bacteria, for inoculating seeds of legumes or soil. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Cultures and may readily be applied to your seed. The sealed bottle insures purity.

INCREASE YOUR CROPS IMPROVE YOUR SOIL

Legumes offer the best-known means of maintaining soil fertility and rejuvenating overcropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Philadelphia, U. S. A., with the same degree of care as Mulford Antitoxins, Serums, Vaccines, etc., which are standard all over the world. Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

Mulford Cultures are scientifically prepared and tested by experts in the biological laboratories of H. K. Mulford Co.,

ALFALFA
CRIMSON CLOVER
SWEET CLOVER
WHITE CLOVER
RED CLOVER
ALSIKE CLOVER

Mammoth Clover
BURR CLOVER
Yellow Clover
Berseem Clover
COW PEAS

SOY BEANS
Canada Field Peas
PEANUTS
VETCH
Horse Beans

VELVET BEANS
Perennial Peas
SWEET PEAS
GARDEN PEAS
GARDEN BEANS

LIMA BEANS
Lupins
Sainfoin
Lespedeza
Beggar Weed
and others

Those printed in CAPITAL LETTERS can be shipped immediately from stock. The others will be prepared to order, and can be supplied in a few days.

PRICES

MULFORD CULTURES are supplied for the varieties of legumes listed, at the following prices:

5-Acre Size, \$5.00 ("A Dollar per Acre")	Small Size (Supplied only in 4 varieties for Garden Peas, Garden Beans, Lima Beans, and Sweet Peas) \$0.25
1-Acre Size \$1.50	
1/4-Acre Size50	

Why buy expensive commercial nitrates when you can grow legume crops and thus increase your yield, and at the same time increase the nitrates and enrich and renovate your soil, by Nature's own method?

FREE DESCRIPTIVE LITERATURE SENT UPON REQUEST

LAWN MOWERS

Coldwell's Imperial Mower

There is no better Lawn Mower than the Coldwell Imperial High Wheel. The gears will outwear those of any other Mower, as they are stationary when the Mower is being run backward. It can be sharpened in a few minutes without removing any of its parts and can be supplied with five blades for very close cutting. Noiseless Grass Catcher can be attached.

10-INCH HIGH WHEEL

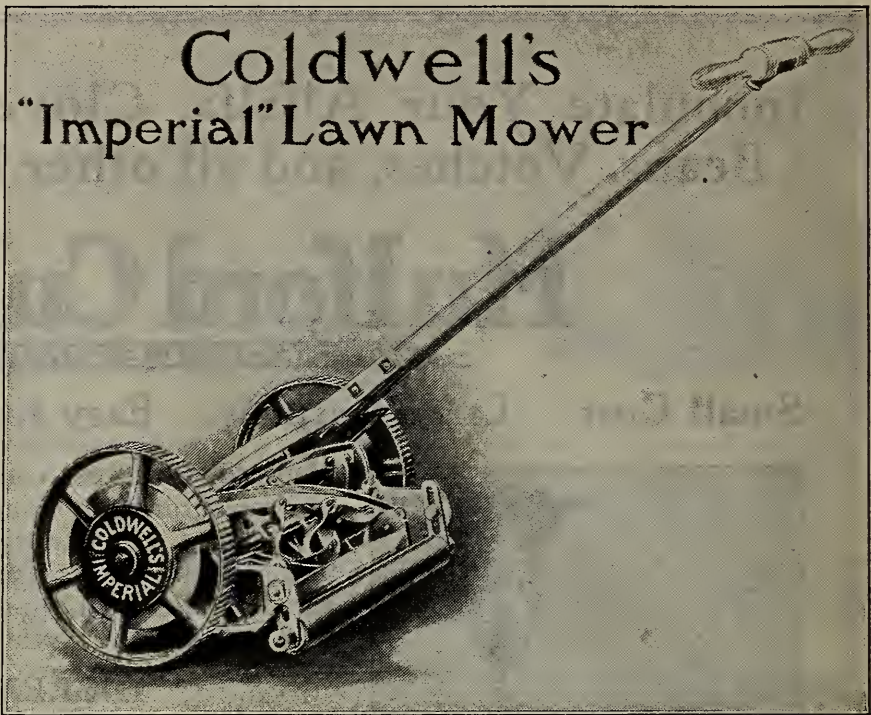
Size	4-blade	5-blade
14-inch.....	\$13 00	\$13 50
16-inch.....	14 00	14 75
18-inch.....	15 00	16 00
20-inch.....	16 50	17 50

The Coldwell Improved Excelsior Roller Mower

For cutting borders, verges, etc. This Mower is the last word in a grass-cutting machine for this purpose. Operated by gears. Grass Catchers for this Machine,

Size	4-blade	6-blade
12-inch... \$18 00	\$19 00	
14-inch... 20 50	21 50	
16-inch... 22 75	24 00	

Size	4-blade	6-blade
18-inch... \$25 00	\$26 00	
20-inch... 27 50	28 75	



The Coldwell Chain Roller Mower

Especially designed to cut borders, terraces, verges, etc. Some prefer this style Mower on account of its lightness. Grass Catchers for use on this machine, \$3.50 each.

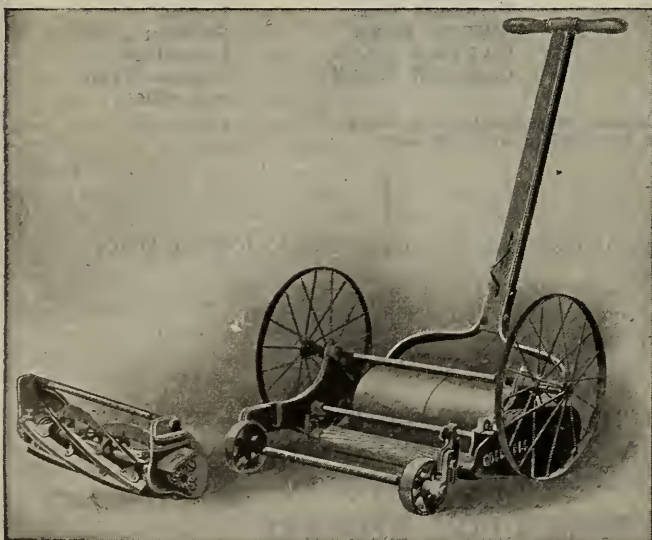
Size	4-blade	6-blade
12-inch.....	\$17 00	\$18 00
14-inch.....	19 50	20 50
16-inch.....	21 50	22 50

Size	4-blade	6-blade
18-inch.....	\$23 75	\$25 00
20-inch.....	26 00	27 50

Coldwell's Universal Improved Horse Lawn Mower

One of the best Horse Mowers made. Especially in demand by parks and golf-clubs. From the seat, the operator can push a lever and throw the cutting part out of gear at will, also raise and lower the cutting knife to pass over cross-walks or driveways, or when used exclusively as a roller. The side draft-rod keeps the horse on the cut grass. Complete, with shafts, side draft and seat.

Size	Gross weight	Net weight	Price
30-inch	560 lbs.	465 lbs.	\$99 00
35-inch	625 lbs.	522 lbs.	121 00
40-inch	650 lbs.	550 lbs.	153 00



Coldwell's Demountable Putting-Green Mower

Coldwell's Demountable Putting-Green Mower (Ball-Bearing)

The lightest draft and the finest cutting Roller Mower ever made. Fitted with Coldwell's Demountable and Interchangeable Cutter Unit which relieves the necessity of shipping the whole machine to the shop when the knives only need attention. The cutter unit can be detached and another substituted in less than a minute. The Mower is supplied with two light 14-inch carrying wheels which are operative only when the machine is turned upside down for the great convenience of transporting it from one green to another. Grass Catchers, \$3.50 each.

Size	Each
16-inch.....	\$30 00
18-inch.....	36 00
20-inch.....	42 00

The above prices include an extra cutting unit

Coldwell's Demountable Cutter Unit Horse Lawn Mower

The Demountable Unit, being the cutter section of the Mower, is the only part necessary to send in to the factory for sharpening or adjusting. The great convenience in handling and the saving in freight and cartage charge between shipping an entire mower and the unit only will be fully appreciated by all users of Horse Mowers.

Size	4-blade	6-blade
30-inch, complete, with seat, shaft and extra cutter unit.	\$162 00	\$170 00
35-inch, complete, with seat, shaft and extra cutter unit.	198 00	206 00
40-inch, complete, with seat, shaft and extra cutter unit.	234 00	242 00

The above prices include an extra cutting unit

Terrace Mower

Especially designed to cut grass on terraces and banks. It has a strong, light, steel wire cylinder in place of a roller, and can also be used on borders, verges, etc., as well as on the level lawn.

Size	Each	Size	Each
10-inch.....	\$13 00	16-inch.....	\$19 00
12-inch.....	15 00	18-inch.....	21 00
14-inch.....	17 00	20-inch.....	23 00

Pennsylvania, Philadelphia, Townsend's Victory, and other makes of Lawn Mowers supplied. Quotations given on request.

Motor Mower

We can also supply at manufacturer's price Coldwell's Motor Mower, Style F (operator walks), and Style D (operator rides), for use on large lawns and golf-courses. Full particulars on request.

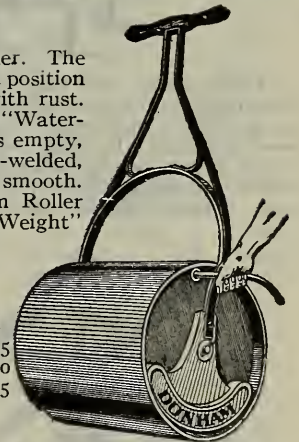
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FERTILIZERS AND POTTING MATERIALS (see page 112)

The Dunham "Water-Weight" Lawn Roller

The Dunham "Water-Weight" Roller with handle weights is the most satisfactory and serviceable Roller. The handle weights (shown in the illustration) are to counterbalance the weight of the handle, and keep it in an upright position off the ground, otherwise the wooden handle-bar would soon rot and metal handle-frame become incrustated with rust. Insist upon a Roller having handle weights, as they also add speed and ease of operation to the Roller. The "Water-Weight" Roller can be filled with water or sand to the required weight. The smallest model weighs 60 pounds empty, 175 pounds filled with water, and 250 pounds filled with sand. The Dunham "Water-Weight" Roller is electric-welded, making the water section one solid drum; no rivets are used; it cannot leak. The rolling surface is perfectly smooth. **All Dunham Rollers are roller-bearing.** The "Water-Weight" feature enables the weight of the Dunham Roller to be adjusted to the conditions of the soil to be rolled and the strength of the operator. The Dunham "Water-Weight" Roller can be filled without standing it on end. Even the largest size can be operated by one man.



Fill with Water or Sand

STYLE "HW" WITH HANDLE WEIGHTS

No.	Diam. inches	Length inches	Sec. tions	Weight empty	Filled with water	Price
HW 2	14	20	1	120 lbs.	220 lbs.	\$15 50
HW 4	18	24	1	145 lbs.	360 lbs.	19 25
HW 6	24	24	1	170 lbs.	525 lbs.	24 00
HW 8	24	32	1	190 lbs.	650 lbs.	26 50

Weights 50 per cent more when filled with sand; water is more convenient.

Cast-Iron Hand Lawn Rollers

Each one is fitted with hardened-steel roller bearings, which very materially reduces draft. The balance weights are attached on the outside of the drums, making them very handy to adjust, and also in such a manner that the handle is always upright.

No.	Sections	Diam.	Width	Length	Weight	Price
1	2	15 in.	7 1/2 in.	15 in.	150 lbs.	\$16 50
3	2	20 in.	8 in.	16 in.	225 lbs.	25 75
4	2	20 in.	10 in.	20 in.	250 lbs.	28 50
6	3	20 in.	8 in.	24 in.	300 lbs.	34 00
11	3	24 in.	8 in.	24 in.	450 lbs.	50 00
14	3	28 in.	8 in.	24 in.	500 lbs.	56 00

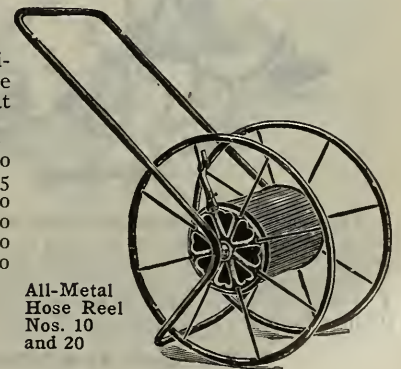
Tubular All-Metal Hose Reel

No. 10, 21-inch wheels, holds 100 feet of 3/4-inch hose, \$4.
No. 20, 24-inch wheels, holds 150 feet of 3/4-inch hose, \$4.50.

All-Metal
Hose Reel
Nos. 10
and 20



Cast-Iron Hand Lawn Roller



PRICES SUBJECT TO CHANGE WITHOUT NOTICE

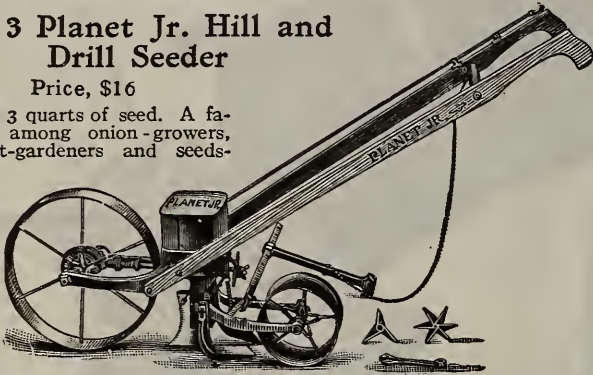
PLANET JR. FARM AND GARDEN IMPLEMENTS

Planet Jr. Tools are made better, last longer, and do more thorough work; save time, lighten labor, and get bigger crops. They are the tools for real economy. Fully guaranteed. Come here for the Planet Jr. you need, or send postal for new Planet Jr. Catalogue, with 184 illustrations.

No. 3 Planet Jr. Hill and Drill Seeder

Price, \$16

Holds 3 quarts of seed. A favorite among onion-growers, market-gardeners and seedsmen.



Sows in large or small quantities in drills or in hills, 4, 6, 8, 12, 24 inches apart. Force feed. We recommend customers to buy separate seed drills and wheel hoes where they have enough work to warrant it, and this is our popular size at a popular price.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

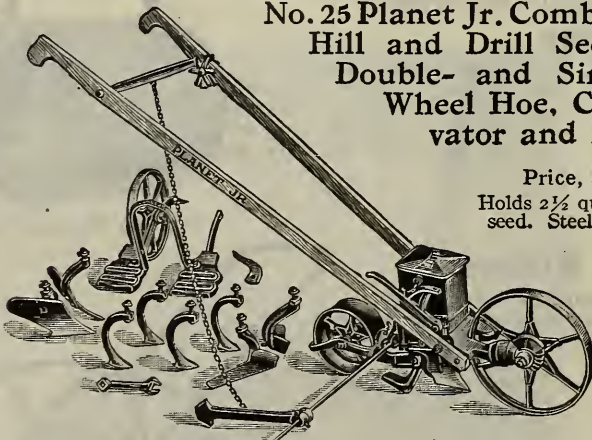
Price, complete, \$17
As a Seeder only, \$13.50
Holds 2½ quarts of seed



This accurate and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth. No time is lost. No seed is wasted. By removing the seeder parts you have a first-class single-wheel hoe with a set of specially hardened steel tools, the best made. Makes the care of a garden a pleasure as well as very profitable. Can be used successfully by men, women or growing boys.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double- and Single-Wheel Hoe, Cultivator and Plow

Price, \$20
Holds 2½ quarts of seed. Steel frame



This combination is for gardeners who have a large enough acreage for a double-wheel hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately.

As a seeder it is practically the same as the No. 4, and as a wheel hoe has the same steel frames and cultivating attachments as the Planet Jr. No. 12 Double-Wheel Hoe.

No. 31 Planet Jr. Combined Drill Seeder and Single-Wheel Hoe

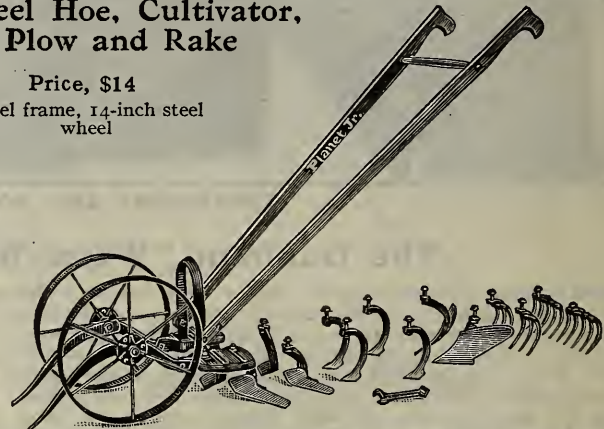
Price, complete, \$11.50
No. 32, as a Drill Seeder only, \$9.25



This new combined tool is of great value to thousands of gardeners who have never felt able to own, either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision from ¼ to 2 inches deep. Quickly changed to a wheel hoe. A special machine for the small gardener at a price he can afford to pay.

No. 11 Planet Jr. Combined Double- and Single-Wheel Hoe, Cultivator, Plow and Rake

Price, \$14
Steel frame, 14-inch steel wheel



A double- and single-wheel hoe in one. 14-inch steel wheels for 1916. Straddles crops till 20 inches high, then can be worked between rows with one or two wheels. The greatest hand-cultivating tool made. All steels are now hardened by a new process, giving longer wearing and easier running tools.

No. 12 Combined Double- and Single-Wheel Hoe, Cultivator and Plow

Price, \$11



This tool is identical with No. 11 Double-Wheel Hoe, except that it has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf-lifters only, and is sold at a correspondingly less price.

If You Don't Find What You Require in This List, Send for Planet Jr. Catalogue, with 184 Illustrations
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

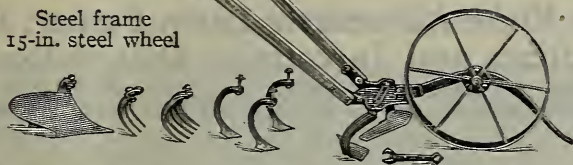
PLANET JR. FARM AND GARDEN IMPLEMENTS

You can't afford to farm without Planet Jr. Tools. They do the work of three to six men—do it better, give bigger results, and last a lifetime. Over two million farmers and gardeners are using them. Join their ranks now and share their success. Fully guaranteed. 72 page Planet Jr. Catalogue free.

No. 16 Planet Jr. Single-Wheel Hoe, Cultivator, Rake and Plow

Price, \$9

Steel frame
15-in. steel wheel



These Single-Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.

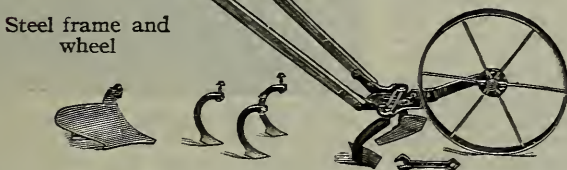
Nos. 16, 17, and 18 have the same steel wheels, frames and handles, but the attachments sold with each vary.

All attachments are of a special pattern, carefully tested by practical men. All the steel parts are high-carbon steel, oil-tempered and specially hardened, finely formed, finished and polished and work to a charm. Everyone who cultivates needs one.

No. 17 Planet Jr. Single-Wheel Hoe

Price, \$7.50

Steel frame and
wheel



You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17, has an outfit sufficient for most garden work.

No. 18 Single-Wheel Hoe

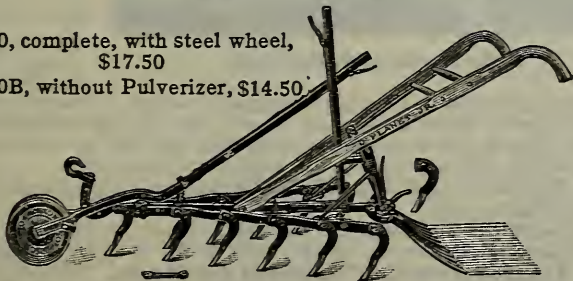
\$5.50

This has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. Other attachments can be added as needed.

Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

No. 90, complete, with steel wheel,
\$17.50

No. 90B, without Pulverizer, \$14.50



Stronger, steadier in action, and cultivates more thoroughly than any other Harrow made. Non-clogging steel wheel. Invaluable to the market-gardener, trucker, tobacco or small-fruit grower.

If You Don't Find What You Require in This List, Send for Planet Jr. Catalogue, with 184 Illustrations
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

No. 33 Planet Jr. Single-Wheel Hoe, Cultivator and Plow

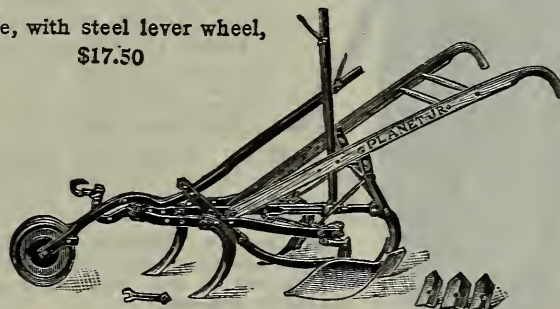
(The No 31 without Seeder)
Price, \$5.50



This combination will delight the suburbanite or the growing boy who knows that a certain amount of garden work is to be part of his service. Women, younger or older, will find in this tool a light-running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

No. 8 Planet Jr. Combined Horse Hoe and Cultivator

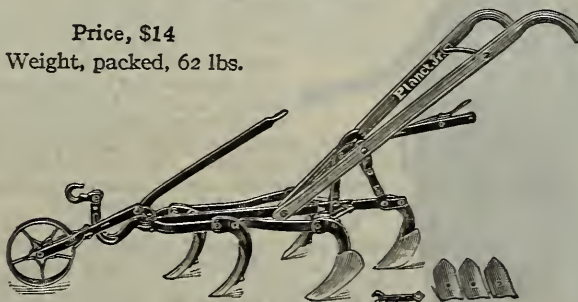
Price, with steel lever wheel,
\$17.50



Stronger, better made, and capable of a greater variety of work than any other cultivator made. Non-clogging steel wheel. Depth-regulator and extra-long frame make it run steady. Adjustable for both depth and width.

No. 104 Planet Jr. Combined Horse Hoe and Cultivator

Price, \$14
Weight, packed, 62 lbs.



A new light Horse Hoe. The expander lever, instead of standing perpendicular, slants backward between the handles, so it can't get bent or broken, and won't injure crops under cultivation. Its weight adapts it particularly to use in light land, but it is strong enough for use anywhere, and is so simple in construction and has so few parts it can't get out of order.

Boddington's Water-Barrel Truck and Accessories

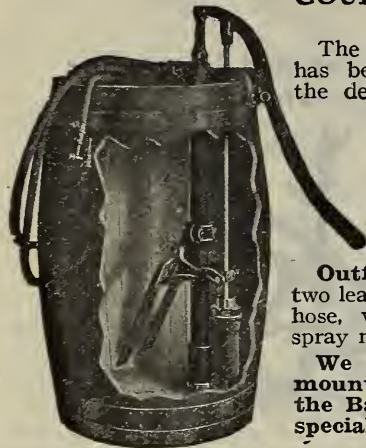
The Barrel is raised from the ground, carried to the place desired, and can be readily disconnected from or attached to the truck while Barrel is either full or empty. We supply as extra attachments the following: A box with trunnions and spring catch, making a very superior dumping hand-cart. A sprinkler, invaluable for watering lawns and sprinkling walks. Water is turned on and off by hand-wheel and ball valve. A leaf rack, very useful for removing leaves and litter. An "Imperial" Force Pump for spraying, etc.

- Truck and barrel, 1 1/2-in. tire.....\$21 00
- Truck and barrel, 2 1/2-in. tire..... 23 00
- Truck and barrel, 3 1/2-in. tire..... 24 00
- New 8-hoop barrels, with trunnions on..... 6 50
- Extra trunnions, per pair..... 1 20
- Hand-cart box..... 8 00
- Leaf rack..... 15 00
- Sprinkler attachment..... 6 50

"Imperial" Barrel Spray Pump

- Clamps to the barrel; a low-priced Pump for spraying trees, bushes, etc.
- Pump only.....\$14 25
- Pump complete, with 15 feet of 1/2-inch discharge hose and nozzle..... 19 50
- Add for barrel and trunnions..... 6 50

GOULD'S "FRUITALL" SPRAY PUMP



The "Fruitall" illustrated herewith has been designed especially to meet the demand for a low-priced Sprayer, combining the necessary durability, efficiency and strength.

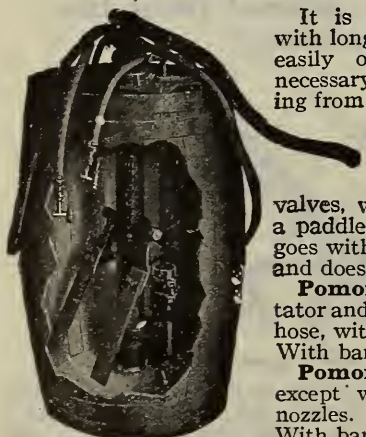
Outfit C. Sprayer with agitator and one lead of 15 feet of 3/8-inch discharge hose, with "Mistry Jr." spray nozzle. Price, without barrel, \$20.

Outfit D. Sprayer with agitator and two leads, 15 feet each, 1/2-inch discharge hose, with "Mistry" or "Mistry Jr." spray nozzle. Price, without barrel, \$20.

We supply Gould's Barrel, and mount Sprayer on it, for \$7.50, but the Barrel is not furnished unless specially ordered.

POMONA SPRAY PUMP

The Best Barrel Spray Pump on the Market



It is of large capacity and powerful, with long, adjustable leverage, so that it is easily operated by one person, when necessary, but is especially built for spraying from two leads of hose. The unusually large steel air-chamber gives sufficient pressure for a continuous and regular spray. All working parts are of brass, including plunger and valves, which are easily accessible; it has a paddle agitator. The bulk of the pump goes within the barrel; it is not top-heavy, and does not catch low branches.

Pomona Outfit C. Sprayer with agitator and one lead of 15 feet of 3/8-inch spray hose, with "Mistry Jr." spray nozzle. With barrel.....\$30 00

Pomona Outfit D. Same as the above, except with two leads of hose and two nozzles. (See cut.) With barrel.....\$36 00

RUBBER SPRAY HOSE

High-pressure, 3/8-inch bore, five-ply Hose. This Hose is especially manufactured to withstand the action of spray materials. 26 cts. per foot. Couplings and clamps, 50 cts. extra.

Gould's Barrel Cart Without Barrel

For mounting Barrel Sprayers, etc. The construction is such that any Barrel can be picked up and held in place by a hoop that passes around the Barrel. It is designed for mounting our Barrel Sprayers and will also be found useful for handling extra barrels of spray mixture. Wheels have 2 1/2-inch tires. Cart only.....\$24 00 Barrel for above..... 6 50



Gould's Barrel Cart

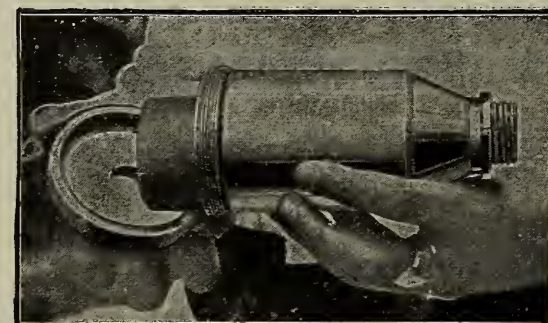
The Kirke Automatic Lawn Feeder, Fertilizer and Insecticide Distributor

Abolishes the use of stable manure, so objectionable because of its disagreeable odors and the abundance of weed seeds it contains

It applies the fertilizer while watering, and feeds the grass or garden with high-grade, immediately available, concentrated plant-food. It is a neat device easily attached to any garden hose. It will last a lifetime, and can be used both for Kirke Fertilizer and Insecticide cartridges.

The cartridges of Concentrated Fertilizer for the lawn and garden, and the Nicotine cartridges for the destruction of soft-bodied insects, dissolve in as much water as will pass through the ordinary garden hose in about five hours. They are clean, odorless and non-poisonous, and will give perceptible results after one week's use on the lawn or in the garden.

The cartridges that fit into the feeder are prepared from the highest grade of concentrated fertilizers, absolutely soluble and quick acting. This combination will make plants grow and flourish, keep the grass green and the flowers in bloom. The available elements of plant-food in one tablet are equal to at least 50 pounds of stable manure, but contain none of the impurities, unsightly refuse or seeds of weeds found in manure. Besides, when manure is used much labor



Kirke Feeder and Distributor

is required in distributing, and later in removing the undissolved refuse.

The fertilizer cartridge is sufficiently hardened to prevent a too-rapid wasting, but the fluid, as it leaves the nozzle or lawn sprinkler, is in a condition to be readily absorbed by the roots of the plants or grass to which it is applied.

The nicotine cartridge is made from a free nicotine, which, when applied to both indoor and outdoor vegetation, acts as a preventive against aphid, thrip, green fly, rose bug, mealy bug, etc.

Kirke Fertilizer and Insecticide Dispenser. Nickel-plated, \$3. Mail weight, 2 lbs.

Kirke Fertilizer Cartridges. Odorless, sanitary, clean; makes grass green and flowers bloom. 35 cts. each, \$2 for 6, \$3.60 per doz.

Kirke Tobacco Nicotine Compound Cartridges. Destructive to sucking and soft-bodied insects. 40 cts. each, \$2.20 for 6, \$4 per doz.

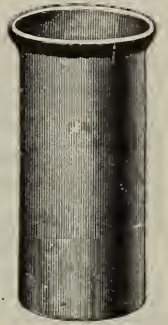
Kirke Arsenate of Lead Compound Cartridges. A strong stomachic poison destructive to eating insects. 55 cts. each, \$3 for 6, \$5.80 per doz.

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INDURATED FIBER-WARE

Cut-Flower Vases

For keeping cut-flowers they are unexcelled. Also for use in refrigerators, etc. They are not easily broken, as is earthenware, and do not rust out like metal vases. They keep water cool for a long time; are easily cleaned and durable. Plain mahogany finish.



No.	Depth inside	Diameter inside	Carton contains	Carton weighs	Price Each	Price Per doz.	No.	Depth inside	Diameter inside	Carton contains	Carton weighs	Price Each	Price Per doz.
0	13 in.	8 in.	½ doz.	25 lbs.	\$1 25	\$13 80	00	21 in.	9 ½ in.	1-12 doz.	10 lbs.	\$4 15	\$48 00
1	10 ½ in.	5 ½ in.	½ doz.	17 lbs.	1 00	11 00	01	20 in.	7 in.	1-12 doz.	7 lbs.	2 30	26 00
2	9 in.	4 ½ in.	½ doz.	11 lbs.	90	9 60	11	18 in.	6 in.	½ doz.	30 lbs.	1 35	15 00
3	6 ½ in.	4 in.	½ doz.	7 lbs.	75	8 00	22	15 in.	4 ½ in.	½ doz.	16 lbs.	1 10	11 40
4	5 in.	3 in.	½ doz.	5 lbs.	60	6 30	33	12 in.	4 in.	½ doz.	12 lbs.	90	9 60
							44	9 in.	3 in.	½ doz.	7 lbs.	75	8 00

Saucers in Indurated Fiber-ware, supplied at list prices



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ABYSSINIAN.....58 BANEERRY.....62 BAPTISIA.....45 BARLEY.....28 BARTONIA.....45</p>	<p>BEAN, HYACINTH.....54 BEANS.....2, 3-5 BEANS, SOJA.....28 BEARD TONGUE.....66 BEAR'S BREECH.....37 BEE BALM.....62 BEET, ORNAMENTAL.....45 BEETS.....6 BEET, SPINACH.....6 BEET, SUGAR.....28 BEGONIAS.....45, 87, 88 BELLFLOWER.....37, 47, 68 BELLFLOWER, JAPANESE.....85 BELLIS.....46 BIGNONIA.....102 BLANKET FLOWER.....55 BLAZING STAR.....60 BLEEDING HEART.....100 BOCCONIA.....46 BOLTONIA.....46 BOOKS.....3d Cover BORECOLE.....6 BRACHYCOME.....46 BRIDAL WREATH.....55 BROCCOLI.....6 BROWALLIA.....46 BRUSSLS SPROUTS.....6 BUCKWHEAT.....28 BULBS AND ROOTS.....87-100 BURNING BUSH.....53 BUTTERFLY FLOWER.....74 BUTTERFLY WEED.....40 CABBAGE.....7, 8, 29 CABBAGE, SAVOY.....8 CACALIA.....46 CALADIUMS.....88, 89 CALCEOLARIA.....46 CALENDULA.....46 CALLAS.....88 CALLIOPSIS.....46 CALLIRHOE.....46 CAMPANULA.....47 CAMPION.....61 CAMPION, ROSE.....37 CANARY-BIRD FLOWER.....84 CANDYTUFT.....47 CANNABIS.....57 CANNAS.....89, 90 CANTERBURY BELLS.....47 CARDINAL CREEPER.....58 CARDIOSPERMUM.....45 CARNATION.....48, 68 CARROT.....8, 28 CASSIA.....48 CASTOR-OIL BEAN.....72 CATANACHE.....48 CATCHFLY.....74 CAULIFLOWER.....2, 9, 29 CELERIAC.....10 CELERY.....9, 10</p>	<p>CELERY, TURNIP-ROOTED.....10 CELSIA.....48 CELSIA.....48 CENTAUREA.....49 CEPHALARIA.....49 CERASTIUM.....49 CEREALS.....28 CHAMOMILE, FALSE.....46 CHARD, SWISS.....6 CHEIRANTHUS.....85 CHELONE.....49 CHERRY, JERUSALEM.....74 CHERRY, WINTER.....68 CHERVIL.....10 CHIVES.....29 CHICORY.....10, 13 CHRYSANTHEMUM.....49 CIGAR PLANT.....51 CINERARIAS.....33, 50 CINNAMON VINE.....88 CINNAMON VINE ROOTS.....29 CLARKIA.....50 CLEMATIS.....50, 102 CLEOME.....50 CLERODENDRON.....50 CLOVERS.....32 COBAEA.....51 COCKSCOMB.....48 COLEUS.....51 COLEWORT.....10 COLLARDS.....10 CONEFLOWER, TEXAS.....72 CONVOLVULUS.....51 COREOPSIS.....46 CORN.....2 CORNFLOWER.....49 CORN, FIELD.....27 CORN, POP.....11 CORN SALAD.....10 CORN, SWEET.....11 COSMOS.....34, 51 COWPEAS.....28 COWSLIP.....51 COWSLIP, AMERICAN.....54 CREEPING JENNY.....61 CRESS.....10 CRESS, FALSE WALL.....45 CRESS, WATER.....10 CUCUMBER.....12 CUCUMBER, WILD.....54 CUP-AND-SAUCE.....47 CUPID'S DART.....48 CYCPEA.....51 CYCLAMEN.....51, 52 CYPERUS.....52 CYPRESS, MOCK.....59 CYPRESS VINE.....52 DAHLIAS.....52, 91-93 DAISY, AFRICAN ORANGE.....54 DAISY, DOUBLE ORANGE.....54</p>	<p>DAISY, ENGLISH.....46 DAISY, MOONPENNY.....49 DAISY, SHASTA.....49 DAISY, SWAN RIVER.....46 DAISY, TRANSVAAL.....55 DAISY, WHITE PARIS.....49 DANDELION.....13 DATURA.....52 DELPHINIUM.....52, 59, 103 DIANTHUS.....53, 83, 103 DICTAMNUS.....53 DIELYTRA.....100 DIGITALIS.....54 DIMORPHOTHECA.....54 DODECATEON.....54 DOLICHOS.....54 DORONICUM.....54 DRACENA.....54 DRACOCEPHALUM.....54 DRAGON HEAD, FALSE.....68 DRAGON'S HEAD.....54 DUSTY MILLER.....49, 50 DUTCHMAN'S PIPE VINE.....102 ECHINACEA.....54 ECHINOCYSTIS.....54 ECHINOPS.....54 EDELWEISS.....56 EGGPLANT.....13, 20 ELEPHANT'S EAR.....88 ENLIVE.....13 ENLIVE, FRENCH.....10 EPILOBIMUM.....54 EREMURUS.....54 ERIGERON.....54 ERINUS.....54 ERYNGIUM.....54 ESCHSCHOLTZIA.....34, 54 ESCHSCHOLTZIA, BUSH.....58 EUCALYPTUS.....55 EUPATORIUM.....55 EUPHORBIA.....55 EVERLASTING.....57 EXACUM.....55 FERN SPORES.....55 FERTILIZERS, MANURES, ETC.....112 FETITICUS.....10 FEVERFEW.....61 FIBER-WARE.....119 FIREBALL.....59 FIRE-PLANT, MEXICAN.....55 FIR, SUMMER.....40 FLAME FLOWER.....100 FLAX.....60 FLOWER OF JOVE.....37 FLOWER SEED NOVELTIES.....33-36 FLOWER SEEDS.....37-85 FORGET-ME-NOT.....62 FOUNTAIN PLANT.....38 FOUR-O'CLOCK.....61</p>	<p>FOXGLOVE.....54 FRANCOA.....55 FRASERA.....55 FREESIA.....55 FRUIT TREES, GRAPE-VINES, FIGS, ETC., ENGLISH TRAINED AND POT-GROWN.....104 FUCHSIA.....55 FUNKIA.....55 GAILLARDIA.....55 GALEGA.....55 GARDEN TOOLS AND MISCELLANEOUS GARDEN SUPPLIES.....105-110 GAS PLANT.....53 GAURA.....56 GENTIANA.....55 GERANIUM.....56 GERBERA.....55 GESNERIA.....56 GEUM.....34, 56 GILIA.....56 GLADIOLI.....94-96 GLAUCIUM.....56 GLOBE FLOWER.....84 GLOXINIA, HARDY.....58 GLOXINIA.....56, 97 GNAPHALIUM.....56 GOAT'S RUE.....55 GODETIA.....56 GOLDEN FEATHER.....71 GOLDEN GLOBE.....84 GOMPHRENA.....56 GOURDS.....56 GRASSES, ORNAMENTAL.....86 GRASS SEEDS.....31, 32 GREVILLEA.....56 GROUNDSEL.....74 GUM, BLUE.....55 GUMBO.....16 GUNNERA.....56 GYPSOPHILA.....56 HEDGE FLOWER.....38 HELENIUM.....57 HELIANTHUS.....57 HELICHRYSUM.....57 HELIOPSIS.....57 HELIOTROPE.....57 HELMET FLOWER.....57 HEMP.....37 HERBS, SWEET, POT AND MEDICINAL.....27 HERB, WILLOW.....54 HESPERIS.....57 HEUCHERA.....34, 57 HIBISCUS.....57 HOLLYHOCKS.....58 HOLLY, SEA.....54 HONESTY.....58 HONEYSUCKLE.....102</p>
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CONTENTS, continued

PAGE	PAGE	PAGE	PAGE	PAGE
Hop, Japanese.....58	Lithospermum.....34	Enothera.....64	Ricinus.....72	Sweet Sultan.....49
Hop Vine Roots.....29	Lobelia.....60	Okra.....16	Romaine.....15	Sweet William.....53, 83, 103
Horse-Radish Roots.....29	Loosestrife, Rose.....61	Old Man.....40	Romneya.....72	Tagetes.....83
Humæa.....58	Lophospermum.....60	Onions.....2, 17	Root Crops for Feeding Stock.....28	Tansy.....29
Humulus.....58	Love-in-a-Mist.....64	Orange Flower.....57	Rose, Egyptian.....73	Tarragon.....29
Hunnemannia.....58	Love-Lies-Bleeding.....38	Oxalis.....64, 100	Rosemary.....29	Tassel Flower.....46
Iberis.....47	Lunaria.....58	Oyster, Vegetable.....23	Roses.....101	Tea, Oswego.....62
Ice Plant.....58	Lupins.....60, 61	Painted Tongue.....72	Roundhead.....49	Thalictrum.....35, 83
Impatiens.....58	Lychnis.....34, 61	Palm Seeds.....86	Rudbeckia.....72	Thistle, Globe.....54
Incarvillea.....58	Lycoris.....87	Pansies.....65	Rutabagas.....26, 28	Thoroughwort.....55
Insecticides, Fungicides, Etc.....111	Lysimachia.....61	Pansies, Tufted.....84, 85	Rye.....28	Thrift.....40
Inula.....58	Lythrum.....61	Papaver.....66, 103	Sage.....29	Thunbergia.....83
Ipomœa.....52, 58	Madder Wort.....64	Parcel-Post Rates.....29	Sage, Scarlet.....72, 73	Thyme.....29
Iris.....99	Madeira Vine.....100	Parsley.....18	Saintpaulia.....72	Tiger Flower.....100
Ironweed.....84	Maize, Variegated.....85	Parsnip.....18	Salpiglossis.....72	Tigridias.....100
Isolepis.....58	Mallow.....59	Passiflora.....66	Salvia.....72, 73	Tobacco Plant.....64
Ivy, Boston.....38	Mallow, Hollyhock.....61	Pear, Balsam.....62	Sanvitalia.....61	Tomato.....25, 26, 29
Ivy, Kenilworth.....59	Mallow, Marsh.....57	Peas.....20, 21	Saponaria.....73	Torenia.....83
Ivy, Kentucky.....59	Mallow, Musk.....61	Peas, Canadian Field.....28	Saxifraga.....73	Trachelium.....84
Jacobæa.....74	Mallow, Poppy.....46	Pelargonium.....56	Scabious.....73	Tradescantia.....84
Jacob's Ladder.....68	Malva.....61	Pennyroyal.....29	Scorzonera.....23	Tricyrtis.....84
Joseph's Coat.....38	Mangel-Wurzel.....28	Pentstemon.....66	Sedum.....74	Trillium.....100
Kalanchoë.....59	Marguerite.....38, 49	Pepper Grass.....10	Senecio.....74	Tritoma.....84, 100
Kale.....6	Marguerite, Blue.....37	Peppers.....18, 19, 29, 66	Senna.....48	Trollius.....84
Kale, Sea.....23, 29	Marguerite, Yellow.....60	Perennial Plants.....103	Sensitive Plant.....74	Tropæolum.....63, 84
Kaulfussia.....59	Marigold.....61	Periwinkle.....84	Shamrock.....74	Trumpet Flower.....52
King's Spear.....40	Marigold, Pot, or English.....46	Petunias.....67	Shell Flower.....100	Tuberose.....100
Kochia.....59	Marvel of Peru.....61	Phacelia.....67	Silene.....74	Tunica.....84
Kohlrabi.....13	Mathiola.....61	Phlox.....68, 103	Smilax.....74	Turnip.....26
Kudzu.....71	Matricaria.....61	Physalis.....3, 68	Smilax.....74	Turnips, Russian or Swede.....26, 28
Kudzu Vine, Japanese.....102	Maurandya.....61	Physostegia.....68	Snapdragon.....38, 39	Turtlehead.....49
Lady's Slipper.....45	Meadow Rue.....83	Pimpernelle.....38	Sneezewort.....57	Valeriana.....84
Lantana.....59	Meconopsis.....61	Pin-Cushion Flower.....73	Snow-in-Summer.....49	Vegetable Plants, Roots, and Herbs.....29
Lantern Plant, Chinese.....68	Megasea.....73	Pink, Mullein.....37	Soapwort.....73	Vegetable Seed Novelties.....2
Larkspur.....52, 59, 103	Melon.....2	Pinks.....53, 68	Solanum.....74	Vegetable Seeds.....3-26
Lathyrus.....59	Melon, Musk.....16	Planet Jr. Farm and Garden Implements.....116, 117	Sorrel.....23	Verbascum.....84
Lavandula.....59	Melon, Water.....16	Platycodon.....68, 85	Spearmint.....29	Verbena, Lemon-scented.....37
Lavatera.....59	Mesembryanthemum.....58	Polemonium.....68	Spider Flower, Giant.....50	Verbenas.....84
Lavender.....29	Mignonette.....62	Polyanthus.....68	Spiderwort.....84	Veronica.....84
Lavender, Sea.....74	Milfoil, Rosy.....37	Poppies.....34, 66, 69, 72, 103	Spinach.....23	Vetches.....28
Lawn Feeder.....118	Milla.....100	Poppy, Blue Himalayan.....61	Spiræa.....100	Vigna.....28
Lawn Grass Seed.....30	Millet.....28	Poppy, California.....54	Spray Pump.....118	Vinca.....84
Lawn Mowers.....114	Mimosa.....74	Poppy, Horned.....56	Spurred Flower.....84	Vines and Climbers.....102
Lawn Rollers.....115	Mimulus.....62	Poppy, Plume.....46	Squash.....24	Viola.....84, 85
Leek.....13	Mina.....62	Poppy, Tulip.....58	Star of Bethlehem, Mexican.....100	Violet, African.....72
Leopard's Bane.....54	Momordica.....62	Poppy, Yellow Welsh.....61	Static.....74	Virgin's Bower.....50
Leptosyne.....60	Monarda.....62	Portulaca.....69	Sternbergia.....87	Wahlenbergia.....85
Lettuce.....2, 14, 15	Monkey Flower.....62	Potatoes.....10	Stevia.....74	Wallflower.....85
Liatis.....60	Monkshood.....37	Primrose.....68	Stock, Night-scented.....61	Water-Barrel Truck.....118
Lilies.....98, 99	Montbretias.....100	Primrose, Evening.....64	Stocks.....35, 75	Wheat.....28
Lily, American Wood.....100	Morning-Glory.....51, 58	Primula.....34, 68, 70, 71	Stocks, Virginian.....85	Whitlavia.....85
Lily, Belladonna.....87	Mourning Bride.....73	Prince's Feather.....38	Stokesia.....75	Windflower.....38
Lily, Bermuda Spice.....87	Mullein.....84	Pueraria.....71	Stoncrop.....74	Wistaria.....102
Lily, Chilian.....37	Musa.....62	Pumpkin.....19	Strawberry Seed.....24	Wistaria, Tuberous-rooted.....100
Lily, Fairy.....87	Mushroom Spawn.....15	Pyrethrum.....71	Straw Flower.....72	Witloof.....10
Lily, Jacobean.....87	Mustard.....16	Radish.....22	Streptocarpus.....75	Woodruff.....40
Lily, Japanese Toad.....84	Myosotis.....62	Rape.....28	Sunflower.....28, 35, 57	Woolflower, Chinese.....48
Lily, Mt. Etna.....87	Myrtle.....62	Red-Hot Poker.....84	Sun Plant.....69	Xeranthemum.....85
Lily-of-the-Valley.....100	Nasturtium.....63	Rehmannia.....72	Sweet Peas.....36, 76-82	Yam, Chinese.....29, 88
Lily, Plantain.....55	Nemesia.....64	Reseda.....62	Sweet Potato.....29	Zea.....85
Lily, Scarborough's.....87	Nertera.....64	Rhodanthe.....72	Sweet Rocket.....57	Zephyr Flower.....87
Lily, St. Bernard's.....38	Nicotiana.....64	Rhubarb.....23	Sweet Scabious.....73	Zinnias.....85, 86
Lily, St. Bruno's.....38	Nigella.....64	Rhubarb, Chilian.....56		
Linaria.....59	Oak, Silk.....56	Rhubarb Roots.....29		
Linum.....60	Oats.....28			

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