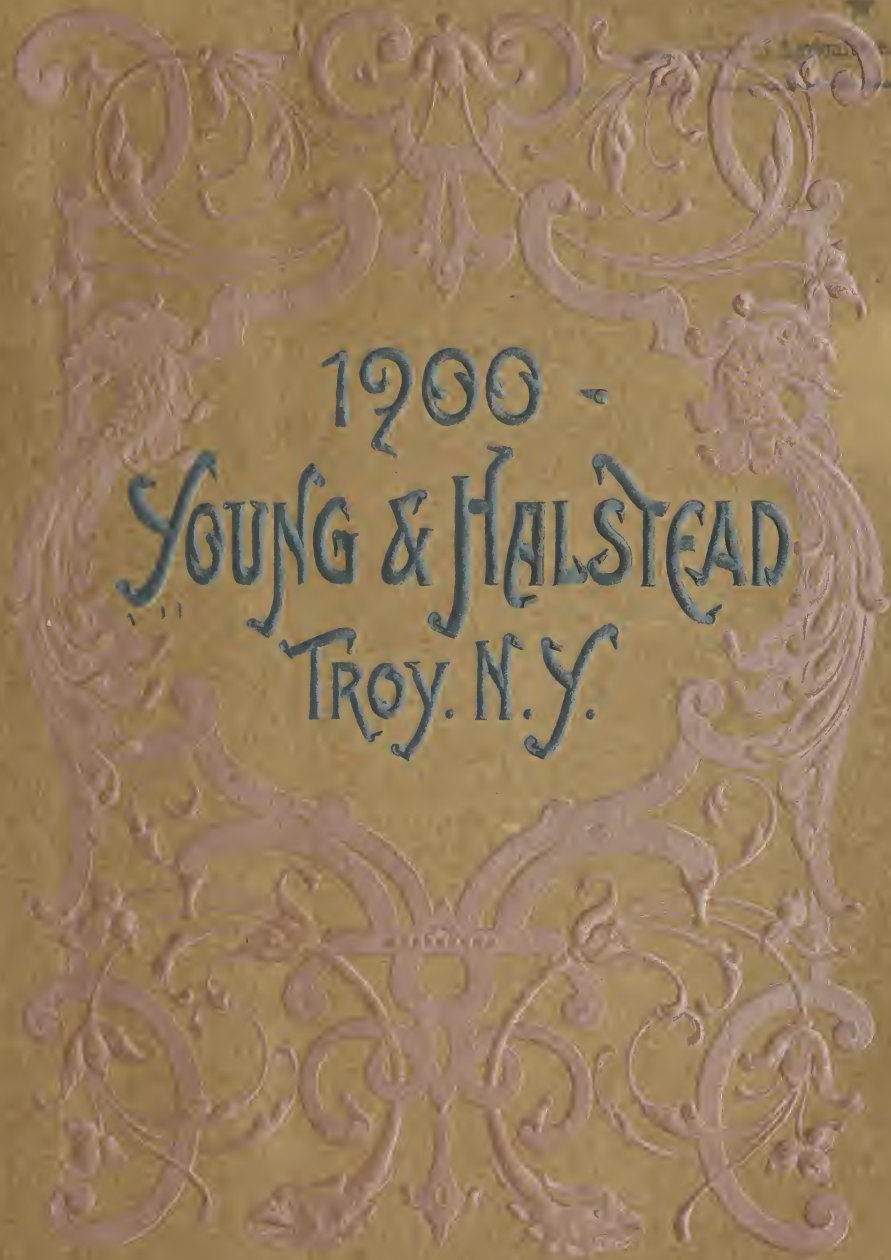


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YOUNG & HALSTEAD  
TROY, N. Y.



**NAME, ADDRESS, ETC.**—We beg our correspondents to give us very exactly on each of their orders, their name and address; also indicate precisely the means of carriage which they prefer, whether by **EXPRESS, FREIGHT** or **MAIL**, and the office or railroad station which is nearest to them.

---

**PLEASE WRITE** each item of your order on a separate line, and carry out the prices. Also please **KEEP A COPY OF YOUR ORDER** with which to "check off" the seeds when received, to be sure that you receive just what you ordered. We seldom make mistakes, but **WHEN WE DO**, want to be notified immediately so that they can be corrected.

Kindly write any questions, requiring answer, separate from the order.

---

**WE GUARANTEE THE SAFE ARRIVAL OF SEEDS**—In the event of the non-arrival of packages, or their receipt in bad condition, if notice is sent us **WITHIN TWO WEEKS** after date of shipment, we will cheerfully replace the same free of all charges.

---

**FREE DELIVERY**—At the prices quoted in this Guide, we deliver all Vegetable and Flower Seeds, **IN PACKETS, OUNCE, 1-4 POUND, POUND**, **FREE** to any postoffice in the United States; except Peas, Beans, Sweet Corn, Field Corn and Farm Seeds, on which, if wanted by mail, add to Farm Seeds 8 cents per pound; to Peas, Field Corn and Beans 8 cents per pint, 15 cents per quart, and Sweet Corn 5 cents per pint, 10 cents per quart, to cover cost of mailing.

---

**ORDERS FROM NEW CUSTOMERS**—Persons unknown to us, to avoid delay, will please send a remittance, or satisfactory city reference with their orders.

---

**HOW TO REMIT**—Money may be sent at our risk and expense, in the following manner: P. O. Money Order, Bank Drafts on New York, Express Money Order or Registered Letter. Money sent in any other way than as specified above, is **ENTIRELY AT THE RISK OF THE SENDER**. We accept Postage Stamps for small amounts, same as cash.

---

Twenty-five cents' worth of Seeds **EXTRA** will be allowed on each **ONE DOLLAR** sent for seeds in **PACKETS** and **OUNCES**,—with the only exception of Cauliflower.

Thus, anyone sending \$1.00 can select any seeds in **PACKETS** and **OUNCES** to the value of \$1.25; for \$2.00, seeds in **PACKETS** and **OUNCES** to the value of \$2.50; for \$3.00, seeds in **PACKETS** and **OUNCES** to the value of \$3.75; and so on.

**YOUNG & HALSTEAD, Seedsmen,**

**TROY, NEW YORK.**



# Order Blank of YOUNG & HALSTEAD, Foot of Grand St., Troy, N.Y.

Please forward to

Name of Person, \_\_\_\_\_

BE SURE AND WRITE YOUR NAME AND ADDRESS PLAINLY.

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Post Office, \_\_\_\_\_

Express Office, \_\_\_\_\_  
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County, \_\_\_\_\_ State, \_\_\_\_\_

Order No. \_\_\_\_\_ Date, \_\_\_\_\_ 1898.

Ship \_\_\_\_\_

By \_\_\_\_\_  
(State here whether to be sent by Mail, Express, Freight or Boat. Give route desired.)

Enclosed is Cash, \$ \_\_\_\_\_ P. O. M. Order, \$ \_\_\_\_\_  
(If in Registered Letter: letters can be registered at any P. O. on payment of 10 cents.)

Bank Draft, \$ \_\_\_\_\_ Express. M. O., \$ \_\_\_\_\_

In any of these ways money can be sent safely, and is at our risk. Money sent otherwise is at sender's risk. There is no safety in postal NOTES. Do not send silver.

Send C. O. D. \$ \_\_\_\_\_ Charge to my Acc't. \$ \_\_\_\_\_

DATE RECEIVED *Orders from unknown Customers unaccompanied by a Remittance, will be sent by Express C. O. D.*

MAKE OUT ORDER FOR SEEDS ON THIS SIDE.

T

| QUANTITY | ARTICLE | PRICE |      | QUANTITY | ARTICLE | PRICE |      |
|----------|---------|-------|------|----------|---------|-------|------|
|          |         | \$    | Cts. |          |         | \$    | Cts. |
|          |         |       |      |          |         |       |      |
|          |         |       |      |          |         |       |      |
|          |         |       |      |          |         |       |      |
|          |         |       |      |          |         |       |      |
|          |         |       |      |          |         |       |      |

**SEEDS BY MAIL.**—We mail all seeds in packets, ounce and ¼ lb. rates at Catalogue prices, free to any Post Office, but when Peas, Beans and Corn by the quart or upward, and seeds at pound rates are ordered by mail, add 10 cents extra per quart for Corn, 15 cents extra per quart for Peas and Beans, and 8 cents extra per pound to pay postage, except Canada, which requires double that amount.

QUANTITY

ARTICLE  
Seeds

PRICE  
Cts.

QUANTITY

ARTICLE  
Implements

PRICE  
Cts.



# YOUNG & HALSTEAD.

SEEDS } GARDEN  
FLOWER  
FIELD

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The above illustration represents the birth place of this catalogue, and we reproduce it here so that our many patrons who have not visited us may the better understand our surroundings. We also own and occupy a warehouse 150 x 40 feet, situated on the N. Y. C. & H. R. R. R. and Delaware & Hudson tracks in this city, Thus we have ample room and the very best equipment and facilities for handling our business at a minimum expense.

First of all we are seedsmen, having built up our business in this line entirely in the retail and market gardeners' trade. While this is the most critical trade for the seedsman to supply, it is, to us, the most satisfactory, for the reason that the man who grows for profit appreciates good seeds. We buy practically no seeds in the open market. Those seeds that are produced in this climate are grown under our personal supervision. Other sorts that can be best produced in Europe or California, we have grown for us by men in whose integrity, long experience has given us entire confidence. We are so sure of our seeds that **We Guarantee Our Seeds to be True to Name and of Good Vitality**, in so far that should any prove otherwise, we will refill the order free or refund the price paid. We do not warrant crops—see our disclaimer.

In our supplement of **Agricultural Implements** we are not able to catalogue anything like our complete line. The implements shown are our **Leaders**, and should one furnish a farm therefrom, he may be perfectly sure that there is nothing better to be had in the market. When it is desired to investigate a particular line, we shall be pleased to send special catalogues.

**YOUNG & HALSTEAD,**  
Foot of Grand St., Troy, N. Y.

**Notice.**—Owing to crop shortages and corresponding advance in prices, which have developed since the making up of this catalogue, we are obliged to withdraw the following prices: Peas and Beans, Cabbage, Celery, Onion and Tomato.

YOUNG & HALSTEAD.

January 1st, 1900.





## ASPARAGUS.

**Culture.**—Sow seed thinly in rows one foot apart in April or May. Have ground in perfect condition for seed. Keep free from weeds. When plants are of suitable height, thin to three or four inches in the rows, saving only best plants. When one year old transplant into rich sandy loam well mulched with rotten manure. For private use plant in beds five feet wide, three rows to each bed. Never cut too closely. Top dress every fall with manure, spade this in in the spring with two or three pounds of salt to the square yard. Four to five pounds of seed required to sow an acre (1 oz. to 16 ft. of drill).

**Conover's Colossal.** The oldest and most reliable variety for market gardeners' use and also private beds. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 35c.

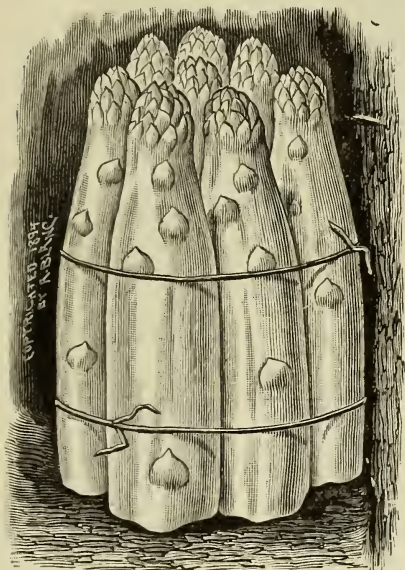
**Palmetto.** Larger and earlier than Colossal, of bright green color. A very desirable variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Columbian Mammoth White.** A distinct variety of strong vigorous growth, producing very large white shoots, that in favorable weather remain white as long as fit for use. This variety is very desirable for canning and market gardeners' use, Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.

## ARTICHOKE.

**Culture.**—Sow seed in April and May, in deep, rich sandy loam with plenty of well-rotted manure. When large enough, transplant into rows three to four feet apart and two feet in the rows. They reach maturity the second year. Tie up leaves, then bank up with dirt around each plant; in spring fork in a dressing of manure.

**French Globe.** Best variety. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 85c.; lb. \$3.



*Asparagus.*

## BUSH BEANS. (Green Podded Varieties.)

**Culture.**—Plant about May 1st, or as soon as all danger from frost is over, in a warm, sheltered spot. Manure ground slightly before planting. Sow in drills two inches deep and eighteen inches apart, put beans about three inches apart in drills. Hoe well and keep free from weeds. Sow every two weeks for succession. Quantity required, 1 qt. to 100 ft. of drill or 150 hills; 1 bu. per acre.

**Burpee's Bush Lima.** The largest and most prolific of the bush Limas, grows about 20 inches in height and bears an abundance of beans, about same size as Large White Limas. Best Bush Lima. Pkt. 10; pt. 15c.; qt. 30c.; pk. \$1.75.

**Extra Early Refugee Wax.** Similar in every respect to the ordinary Refugee, but is nearly two weeks earlier. It is very prolific and from its earliness is almost certain to produce a crop. In quality it is unexcelled, being exceptionally free from strings and very tender at all stages of growth. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.



*Artichoke.*

Our prices are as low as **GOOD SEED** can be sold.

**BEANS—Continued.***Burpee's Bush Lima.*

bush varieties. This variety is grown very largely in the Southern States for our Northern markets. Pods are from five to six inches long and when ripe the seeds are drab, with purple spots. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.

**Refugee, or 1000 to 1.** This very popular medium or late variety has always been a leader among the market gardeners. The pods are very tender and of fine flavor. The beans present a handsome appearance, and are largely grown for pickling purposes. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.

**Dwarf Horticultural, or Speckled Cranberry.** A dwarf variety of the well known Horticultural Pole Bean. Very prolific and of fine quality. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.

**White Marrowfat.** A variety largely grown to be sold in a dry state; also valued as a string bean. One of the best field varieties that can be grown. Seeds are ivory-white. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. 75c.

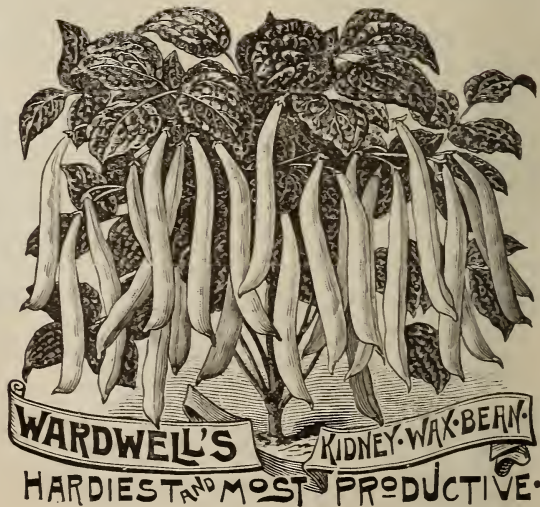
**White Peas.** Small white beans, very productive. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. 75c.

**Beans, Wax Podded Varieties.**

**Wardwell's Kidney Wax.** Extra early and hardy. Very robust and prolific. Shape of beans very distinct from other wax varieties, being of a perfect Kidney shape. Pods long and flat and purely wax and not liable to rust or blister. The best for market use. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.

**Davis' Kidney White Wax.** The best white bean for early market use. Pods oval, long and clear waxy color. Very productive, used largely by canners. These pods do not discolor in canning. These beans may be used after they become ripe same as white beans. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.

**Perfection Wax.** Unequaled for productiveness; plant being loaded with long golden-yellow pods of handsomest appearance and finest quality; an improved "Flageolet" bean, earlier and larger than Golden Wax. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.50.



**Early Yellow Six Weeks.** Very productive, green pods which are neither flat nor round, often measure eight inches in length. Very desirable for market gardeners. Beans, when ripe, yellowish dun color. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.

**Improved Early Red Valentine.** This variety is very early and desirable for market and home use. Very tender and of excellent flavor. Fully ten days earlier than the common red Valentine. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.

**Improved Dwarf Horticultural.** Sometimes called Boston or Goddard. One of the finest shell beans, pods highly colored, delicious flavor. May be used as green or shelled. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.

**Early Mohawk.** Very early and will stand more cold than most

**Seeds in packets, ounces and quarter pounds mailed free at catalogue prices. For quarts, pounds, etc., see second page.**

**BEANS—Continued.**

**Golden Eyed Wax.** This variety is also classed among the early productive varieties; very profitable and prolific; used largely by market gardeners; pods of long waxy appearance, produces a beautiful appearance. Try them and be convinced. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.

**Golden Wax.** Pods long, entirely stringless and of rich golden wax color; very prolific, of dwarf, compact, growth; as a snap sort it excels in rich buttery flavor. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.

**Improved Golden Wax.** Pods long, stringless. Round, golden yellow, excels in richness and tenderness, very early and prolific. Beans one of the best for medium to late, an improvement on the above strain. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.

**German Wax.** (Black). One of the best for family use. "Mother's kind;" old and reliable. Pkt. 10c.; pt. 15c.; qt. 20c.; pk. \$1.

**Pole, or Running Varieties.**



*Early Golden Cluster Wax.* See page 6.

a dull white color. Beans being a trifle smaller than Large White Limas, but are very tender and delicious. Pkt. 10c.; pt. 15c.; qt. 30c.; pk. \$1.50.

**Dreer's Improved Lima.** These early limas have a distinctive feature of early maturity, large yield and extra quality. Bean itself is thick and round instead of flat, as other limas. Pkt. 10c.; pt. 15c.; qt. 30c.; pk. \$1.50.

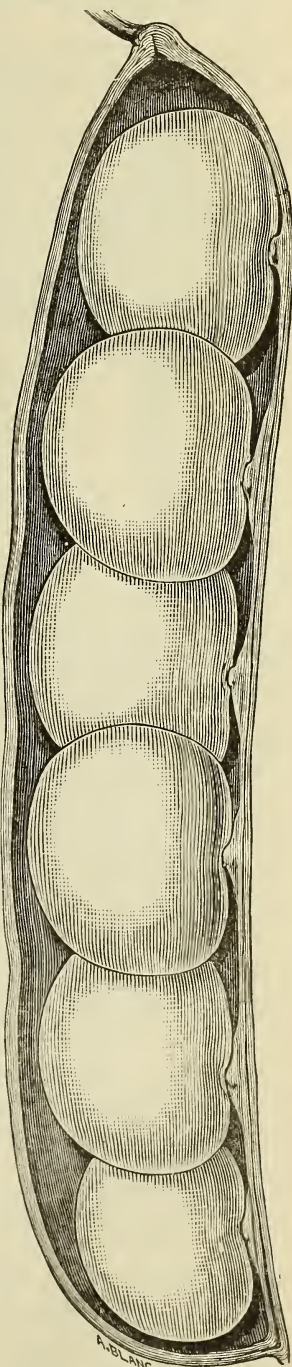
**King of the Garden Lima.** Pods exceedingly large and beans of about same size as Large White Limas. Vigorous grower, the pods vary in length from five to seven inches. When not too closely planted they set beans early and continue until frost. Pkt. 10c.; pt. 15c.; qt. 30c.; pk. \$1.50.

**Culture.—**

Sow May 1st for all except limas, which should not be sown before the last of the month, or until it has become warm. Plant in hills four feet each way. One quart of limas will plant about 100 hills, allowing four to five beans to each hill. Of smaller sorts about 200 hills. Set poles eight to ten feet long in hill before planting seed.

**Lima. Extra Early Jersey.**

This particular strain of limas is two weeks earlier than other limas, making them very profitable to the grower on account of earliness and productiveness. Seeds when ripe are of flat-tish kidney shape, and have



*Large White Lima.* See page 6.

**Our seeds are tested, of the very best quality obtainable.**

**BEANS—Continued.**

**Large White Lima.** One of the old standard varieties; they produce an abundance of pods. The beans are of exceptionally good flavor. Excellent for private use. Pkt. 10c.; pt. 15c.; qt. 30c.; pk. \$1.50. (See illustration, page 5.)

**Small Lima, or Sevia.** A variety of large white limas. The pods however are much smaller, usually about three inches long. It is a little earlier and more hardy. Seeds are small but of same color as the Large White Lima. Pkt. 10c.; pt. 15c.; qt. 30c.; pk. \$1.50.

**Dutch Case Knife.** Early and productive, good for string or shell; pods long, green and flat. Pkt. 10c.; pt. 15c.; qt. 25c.; pk. \$1.50.

**Horticultural, or Speckled Cranberry.** Well known sort of excellent quality; pods streaked with red, same as bean when ripe. Pkt. 10c.; pt. 15c.; qt. 25c.; pk. \$1.25.

**Scarlet Runner.** A popular English pole bean of excellent flavor; very ornamental, flowers bright scarlet. Pkt. 10c.; pt. 15c.; qt. 25c.; pk. \$1.25.

**Early Golden Cluster Wax.** The finest of all the wax podded pole beans. It bears profusely its long golden-yellow pods in clusters of three to six from bottom to top of pole, and continues in bearing from the middle of July till the vines are cut by frost. In all the points requisite to a good bean for market, this variety excels. It is distinct in its white seed, in color and habit of growth. The pods retain their tenderness long after the beans have attained a large size. Pkt. 10c.; pt. 15c.; qt. 25c.; pk. \$1.25. (See illustration, page 5.)

**German Wax (Black).** Old but *true blue* sort; excellent bean for private or market use, fine flavor and somewhat later than the Golden Cluster Wax; superb. Pkt. 10c.; pt. 15c.; qt. 25c.; pk. \$1.50.



*Dirego Beet.*

**BEETS.**

**Culture.**—Sow in deep rich soil with plenty of manure worked in the soil. Sow in May, or as soon as ground will permit; for early, thin to six inches in the rows, having the rows fifteen to eighteen inches apart. When plants are about three inches high, fertilize with Read's Standard Fertilizer (the quantity required, about 400 pounds per acre), also at same time sow broadcast and work into the soil 400 pounds of salt; this keeps the roots free from insects. One ounce will sow fifty feet of drill; six pounds required for an acre.

**BEET, DIREGO.** This recent foreign introduction has proven to be the *best early beet* ever placed on American markets, and market gardeners who tested it last season pronounce it the *best early beet*. The Dirego has very small top, slender stems, smooth skin, flattish round in shape like an orange, and has but one tap root. The color of the flesh is rich dark crimson, with very faint lighter colored rings. The flesh is sweet and crisp, free from objectionable earthy flavor. This beet is earlier than Crosby's and far more regular in character. It is free from very coarse roots; especially adapted for frame work; for first variety it is unsurpassed. Pkt. 5c.; oz. 10.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Albani, Extra Early Forcing.** An excellent early variety for forcing; exceptionally early, similar in growth to Early Crosby, round in shape, dark red, fine flavor. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Egyptian Turnip.** One of the old standard early varieties, of dark red color, flesh sweet, rather flat in shape. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 40c.

**Crosby's Egyptian.** A finer strain of beet than the Egyptian and somewhat earlier. This beet is thicker and has a more desirable shape. Color deep red, almost black; very sweet and tender and also much smoother than the parent stock. Very desirable for small beets for early market, as it follows next in earliness to Dirego. This beet may be sown outside as late as July. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

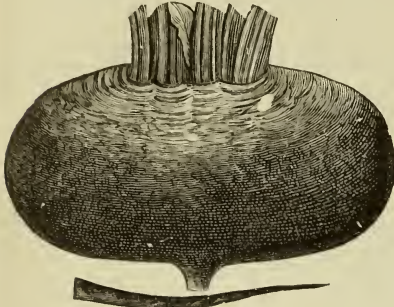


*Eclipse.* See page 7.

**BEETS—Continued.**

**Eclipse.** A very popular variety among the market gardeners. Very early, of dark red color, both skin and flesh, almost spherical in form, has one tap root. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 40c. (See illustration, page 6.)

**Edmund's Blood Turnip.** One of the finest medium early sorts, very regular in shape; skin deep blood-red, flesh very dark and of good quality. A superb variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 40c.



*Dewing's Improved Blood.*

**Lentz Blood Turnip.** Very large beet, small top, as early as Egyptian, flesh tender and sweet at all times. Will produce a crop in about six weeks from time of planting. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 40c.

**Early Crosby.** One of the best early varieties, color deep, dark blood-red. Handsome and a fine market variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Dewing's Improved Blood Turnip.** Excellent dark red variety, about two weeks earlier than the blood turnip. Tubers of good uniform size, smoother and rich in color, very tender and sweet. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 40c.

**Bastian's Blood Turnip.** This variety is larger than Egyptian, very tender and sweet, retains its blood-red color after cooking. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 40c.

**Early Blood Turnip.** This old standard blood-red variety is well known by all market gardeners; one of the very best for family use. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 35c.

**Early Bassano.** Flat, light color. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 35c.

**Long Smooth Blood.** An old standard variety, very useful for cattle and eating purposes, resists drought better than other varieties, color dark red, flesh sweet. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 30c.

**Swiss Chard or Sea Kale.** Used extensively for beet greens, and is much superior to other beets for greens. Later plants form large broad flat leaves, which are very delicious cooked as beets or pickled. Give it a trial and be convinced. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 40c.

**BEET SUGAR.**

**Vilmorin's Improved White.** Contains more saccharine matter than any other beet. Fine for cattle or sugar. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 25c. In lots 5 lbs. or over, 20c. lb.

**Lane's Imperial Sugar.** One of the popular varieties among sugar beet factories. An excellent yielder; also largely used by farmers and dairymen for cattle. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 25c. In lots 5 lbs. or over, 20c. lb.

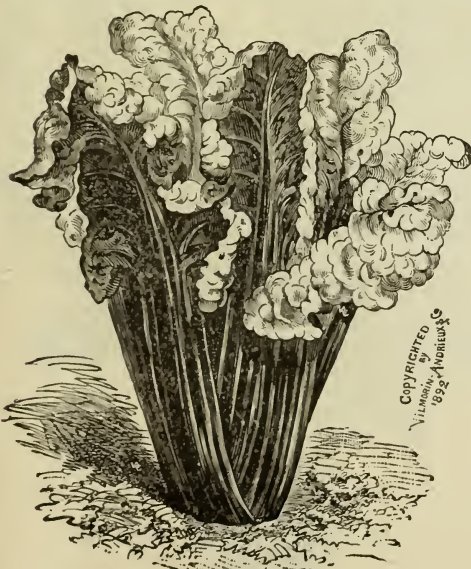
**Yellow Sugar.** Fine for stock; a superb variety, a large yielder. Sow from 6 to 8 lbs. per acre of three above varieties. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 25c. In lots 5 lbs. or over, 20c. lb.

**BEET MANGEL-WURZEL.**

**Culture.**—Sow in deep soil 12 to 18 inches deep. Fertilize well with Read's Fertilizer. When plants are about four inches high, cut down well, and when frost comes dig the crop; put into heaps, cover with salt hay or straw. When weather grows cold add dirt to covering. When wanted for spring use will be as fresh as when first dug.

**Norbition Giant.** One of the largest and most productive mangels ever grown, an enormous cropper. Tops small, roots long and smooth. Very fine for cattle; color, red. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 30c. In lots 5 lbs. or over, 25c. lb.

(See illustration, page 8.)



*Swiss Chard.*

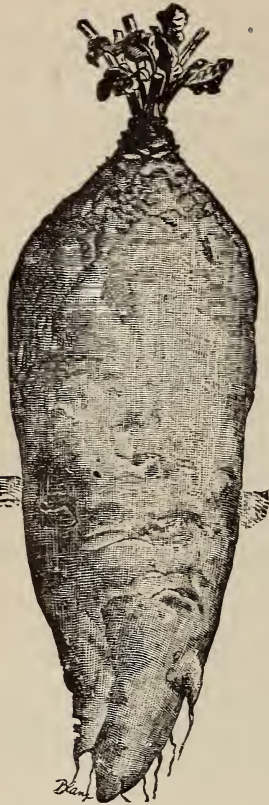
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VILMORIN & CO.  
1892

**BEETS—Continued.**

**Long Red.** This superb Mangel is known the world over to be one of the best. Roots long, large and of dark red color. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 30c. In lots 5 lbs. and over, 25c. lb.

**Golden Tankard.** Roots very large, half long, an enormous yielder, especially adapted for dairymen, as this superb variety is rich in milk producing qualities. Color golden-yellow. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 30c. In lots 5 lbs. and over, 25c. lb.

**Golden Globe.** Roots large and spherical in form, keeps full as well as any other variety and is well adapted for shallow soils. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 30c. In lots 5 lbs. and over 25c. lb.



*Norbiton Giant.* See page 7.

**BROCCOLI.**

**Culture.**—Sow early sorts as soon as the ground can be worked in the spring, in shallow drills drawn three or four inches apart. Plant out two feet apart. When plants are about four inches apart, cultivate same as cabbage, in rich soil.

**Purple Cape.** Heads medium size, compact of purple; color similar in growth to Cauliflower. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 70c.; lb. \$2.50.

**White Cape.** Differs only in color to the above variety. This variety sure to head. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$2.25.

**BRUSSELS SPROUTS.**

**Culture.**—Sow in May in same manner as cauliflower, and transplant in July to one foot apart, in rows which should be one and a half feet apart, in gardens both large and small. Brussels sprouts are, without exception, the best winter vegetable that can be grown. (See illustration page 9.)

**Dwarf Improved.** This variety produces sprouts of compact and excellent quality; the best variety that can be grown for private and market use. Greatly improved over the old varieties. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.25.

**CABBAGE.**

**Culture.**—Have soil rich and of heavy loam, with good drainage. For early spring sow in fall. Not too early, or plants are liable to bolt in the spring instead of heading. In a month transplant into cold frames. Where they are wintered, care must be taken to set the young plants down as far as first leaves. In spring transplant as soon as the ground can be worked. Plant two feet apart one way, and from twelve to eighteen inches the other way. Sow seed in May for winter crop. Set out plants in July. Set in rows two by three feet. One ounce will produce 1500 plants; one half pound to transplant for one acre of ground. Our Cabbage Seed is all Long Island grown.



*Broccoli.*

Add 15 cents extra per quart for peas and beans, 10 cents for corn, and 8 cents per lb. for seed, when ordered by mail.

**CABBAGE—Continued.**

**Extra Selected Early Jersey Wakefield.** Well known variety and invaluable for home or market use; heads pointy, and by far the earliest sort. Heads of this variety being harder and more compact than other early cabbage. Northern market gardeners wholly depend on this for their first crop. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Extra Selected Large Early Jersey Wakefield, or Charleston.** Heads larger than above variety, not quite as early but a fine variety. Has been in cultivation for the past twenty-five years with remarkably good results. Try it and be convinced that it is all we claim for this variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 60c.; lb. \$2.20.

**Burpee's All Head Early.** This is the earliest of the large head cabbages by at least one week. This variety has flattish heads and is fully one-third larger than *Early Summer*, which, however, makes it a more profitable market garden variety, the heads being uniform in color and size. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Early Winnigstadt.** One of the best for second early, size of heads medium, fine keeper, both early and late. Useful for summer and winter. (See cut for illustration.) Heads of this variety very hard and solid. Pkt. 5c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Henderson's Early Summer.** A second early variety, about one week later than Jersey Wakefield. Heads much larger and will stand in ground longer than any of the early sorts without bursting. Heads forming of uniform shapes; are solid and of excellent quality. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

*Brussels Sprouts.*

See page 8.

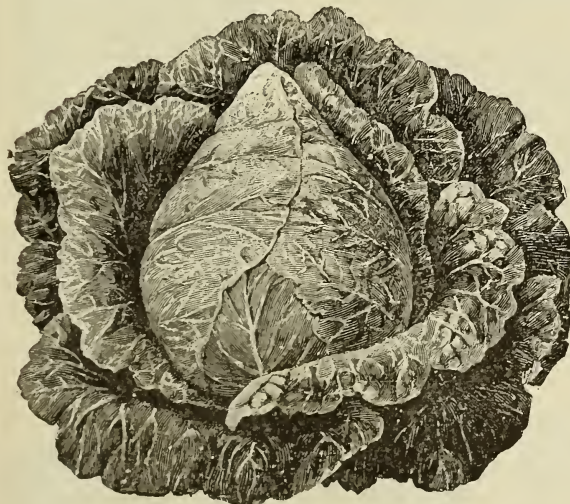
**Brill's Nonesuch.** This variety is too well known for further description. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$2.00.

**Selected Newark Flat Dutch.** For second or medium early, this superb variety is unsurpassed. Heads large and flat and of excellent quality. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

**Vandegraw.** An old reliable variety, medium early, grows quick, heads flat, sure to head. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

**Early Deep Head.** Very fine early variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

**Fottler's Improved Brunswick.** The best second early cabbage in cultivation. The heads are large, solid and compact, flat on top with very few out-

*Early Jersey Wakefield.*

side leaves. This variety is invaluable for early fall use. Used largely by factories, also truckers. Get this variety and you will grow no other for early fall sales. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

**All Seasons.** Heads very large, solid, round. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

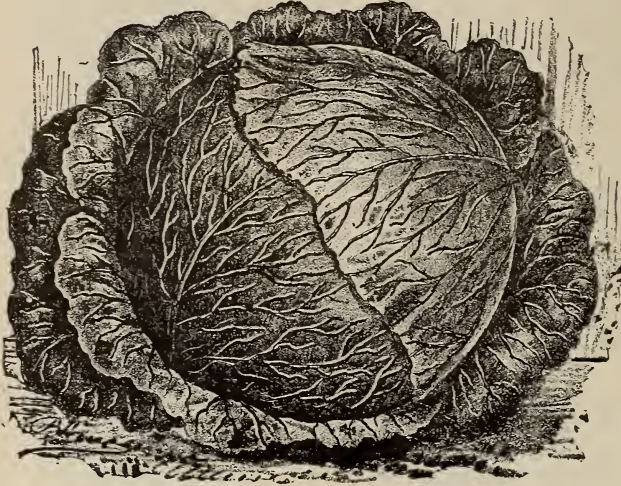
**Henderson's Succession.** This variety is unsurpassed as second early; comes into market about one week later than Early Summer, the main feature. Has no tendency to run to seed, heads large and uniform, very hardy, averaging in weight from 10 to 12 pounds, fine for medium and late crops. We consider it one of the finest cabbages ever introduced. Pkt. 5c.; oz., 20c.;  $\frac{1}{4}$  lb. 40c.; lb. \$1.40.

*Early Winnigstadt.*

**Buy HENDERSON'S SNOWBALL CAULIFLOWER. True Seeds.**

**CABBAGE—Continued.**

**Autumn King.** One of the best late winter varieties, heads often averaging 15 to 18 pounds. The interior of heads, creamy white; solid, and by far the best keeper. Autumn King may be planted closer together than other varieties. Leaves crimped in appearance, making this a distinct variety. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.



*Young & Halstead's Best Winter.*

No market gardener or family should be without this variety as it is unquestionably the best. Pkt. 10c.; oz. 40c.;  $\frac{1}{4}$  lb. 80c.; lb. \$2.75.

**Excelsior Flat Dutch.** Old standard variety. Heads flat, solid. Very good for late crop. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Premium Flat Dutch.** Superb winter variety, for market use. Heads flat and large, very fine for heading, ninety-five out in a hundred will head up hard. Plant on good moist, rich soil. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Lupton.** This variety has been named after its originator and is largely grown on Long Island among the truckers. A fine variety for medium to late. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Bristol Improved.** Extra strain, suitable for heavy loam, heads large, solid and flat. Excellent for late. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

**Large Late Drumhead.** A standard winter variety for main crop. Grows large sized heads; shape of heads round and compact, fine keeper during the winter months. Pkt. 5c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.50.

**Drumhead Savoy.** This strain is largely grown on Long Island for New York market. Best of quality, leaves curly in appearance, of fine flavor and large heads. Pkt. 5c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.; lb. \$1.50.

**Mammoth Rock Red.** The best and largest of the red cabbages. Late and used largely for pickling. Retains same deep red color through the centre of head. Heads growing from 10 to 12 pounds in size. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

**Red Dutch.** Very late, tender and sweet; used for pickling. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

**Surehead.** This variety is always sure to make a fine large solid head, with few outer leaves; very strong grower, heads uniform, excellent for late crop. Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Young & Halstead's Best Winter.** This variety is the best for winter use and always commands a price double that brought by other cabbages. Heads of this variety are of medium size and as hard as a stone, even the smallest heads are salable on account of their solidity. This seed is of Danish origin, and cabbage grown from this seed keeps well into the spring. The one main feature to guard against is not to let the heads freeze. Quality is superior to all other winter varieties.



*Drumhead Savoy.*

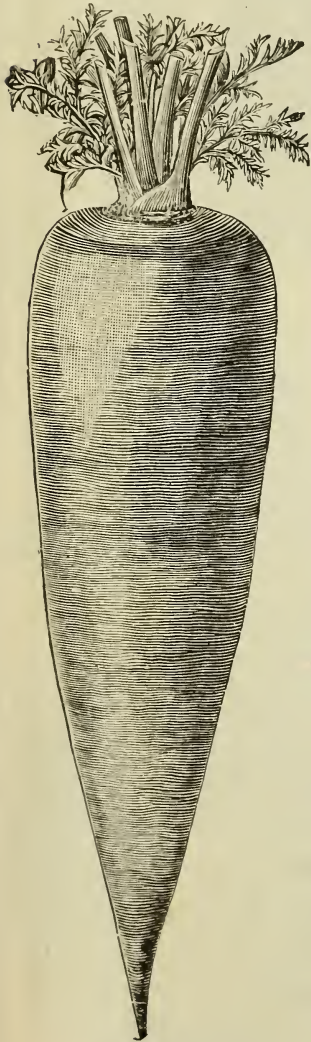
**Try Young & Halstead's Best Winter Cabbage.**



## CARROTS.

**Culture.**—Sow early sorts as soon as the ground can be worked, or for late crop, the latter part of July. Thin out early crop to five inches in a row, and late crop to six or seven inches. Rows for early crop ten inches apart; for late crop fourteen inches apart. Hoe often to keep free from weeds. Sow in rich, deep, sandy soil. One ounce for 125 feet of drill; four pounds per acre.

**French Forcing Horn, Early.** This early variety is especially adapted for hotbed use. They mature earlier than any other variety. Roots shorter and of fine flavor. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.



*Intermediate, or Danver's Pointed.*

**Guerande, or Ox-Heart.** Color bright orange, roots short and thick.

This strain has exceptionally fine flavor and very desirable for table use. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.

**Early Scarlet Horn.** Largely grown for early use, has thick shorts roots; one of the best early sorts. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.

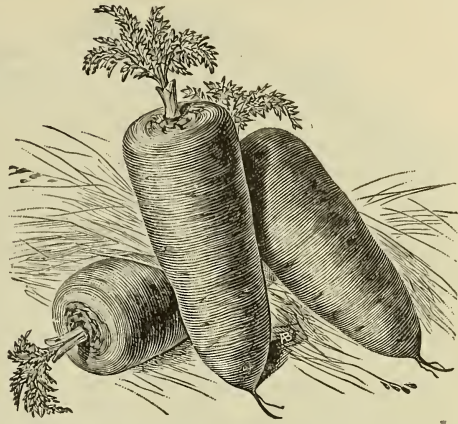
**Danver's True.** There are many varieties of so called Danver's carrot, but we offer only the true stock. This strain is very productive and an immense yielder. This carrot will produce more bushels of carrots to an acre than many of the longer varieties. Color rich orange, large at top and very smooth. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 70c.

**Intermediate, or Danver's Pointed.** A medium long sort, tapering gradually from the shoulder, which averages about three inches in diameter at the top, smooth. Color bright and very productive. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 70c.

**Chantenay.** This variety is half long stump-rooted, has broad shoulders and is very productive; one of the best for bunching purposes. The *Chantenay* has a tendency of being smooth and is very easily dug. Color bright yellow; one of the best for table use. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.

**New Intermediate.** A variety growing very smooth, of medium length. Color bright orange, very productive and unequalled for table use. This new strain has proved to be one of the leaders among gardeners and truckers. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.

**Improved Long Orange.** This old reliable sort has won its reputation among the farmers and dairymen as the best and most productive carrot to be grown for feeding cattle, etc. Grows longer than any other variety and has a deep orange color. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.



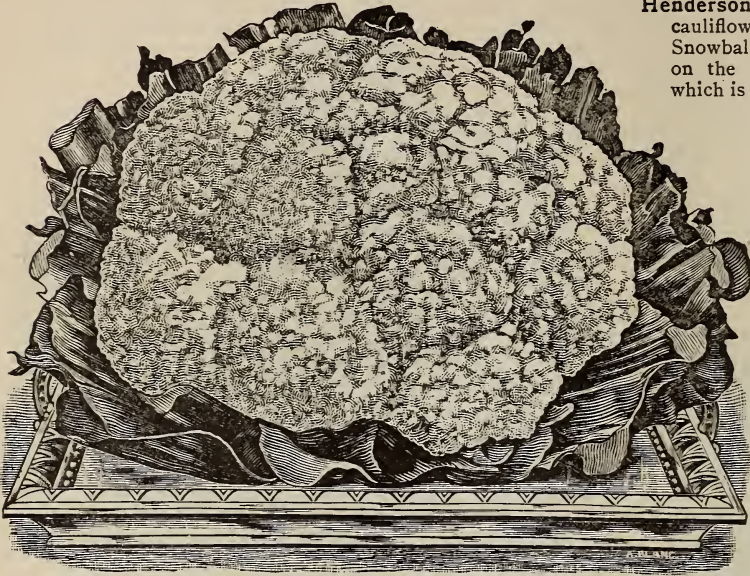
*Danver's True Carrot.*

## CAULIFLOWER.

**Culture.**—Any soil that is suitable for growing cabbage will grow cauliflower. The soil must be well manured. Seed may be sown in September and wintered over same as described in cabbage, for early. Best plan to sow seed in hotbed in fall. If sown too early in fall plants will run to seed; sow seed from 10th to 20th of September, then transplant in cold frames when

plants are large enough for this purpose. One ounce will produce about 1500 plants. One-half pound to transplant for one acre.

**Buy reliable tested seeds from us.**

**CAULIFLOWER—Continued.***Henderson's Snowball.*

**Henderson's Snowball.** This cauliflower is not the common Snowball as many dealers put on the market, but is seed which is grown from the Henderson's True Stock and is superior to all other cauliflowerer. It is the earliest variety and may also be used for late. This cauliflower forms a fine white head and will head where others fail, may be planted closer together than other varieties. Careful attention in the matter of destroying insects and watering will be repaid. Pkt. 25c.; oz. \$2.50.

**Selected Extra Early Dwarf Erfurt.** Dwarf and very solid, pure white heads of fine

quality. This variety is superior to much of the so-called Snowball Cauliflower sold. Very fine for forcing. Pkt. 15c.; oz. \$2.

**Large Late Algiers.** This is one of the best large late varieties. It is largely grown for fall use, never failing to produce fine large heads. Very popular with market gardeners and canners. Pkt. 10c.; oz. \$1.

**Le Normand's Short Stem.** Large, late variety, of excellent quality, stem short, mammoth heads, well formed, one of the best for late. Pkt. 10c.; oz. 75c.

**CELERY.**

Our Celery Seed is proven stock.

**ALL CROP OF 1897.**

**Culture.**—Sow seed in light, rich, dry border, as early as the ground can be worked, in drills 8 to 10 inches apart. Cover the seed about a quarter inch deep, roll or tread them in if dry. Transplant them as soon as possible. Keep free from weeds. Early in July transplant again into trenches into which about four inches of well rotted manure has been placed, and covered with about three inches of soil. Set plants in single rows about six inches apart. When plants are well started, work into the soil around the plants about 400 to 600 lbs. of Read's Standard Fertilizer. One ounce for about 3000 plants.

*Golden Self-Blanching. See page 13.*

**Prices reasonable. All Seeds tested. Best seeds money can purchase.**

**CELERY—Continued.**

**Golden Jewel.** Fine variety for early. Produces fine stalks and is self-blanching. Give this variety a fair trial and you will be convinced that it is all we recommend it to be. Pkt. 10c. oz. 30c.;  $\frac{1}{4}$  lb. 80c.; lb. \$2.50.

**Golden Self-Blanching.** Plants of yellowish green color when young, but when they mature the inner stems and leaves turn to a bright golden-yellow, which makes an attractive appearance and much easier to blanch. This sort is used extensively by market gardeners, and for winter shipping purposes. Unquestionably the best celery to grow for profit. Our seed of this particular strain is foreign grown, which is far better than American grown seed. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 80c.; lb. \$2.50. (See illustration page 12.)

**Giant Pascal.** This green leaved variety is easily blanching and is superb for winter use. Stalks grow broad and thick, attaining a height of two feet. The stalks are of a crisp, rich, nutty flavor, color when blanched, yellowish white. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

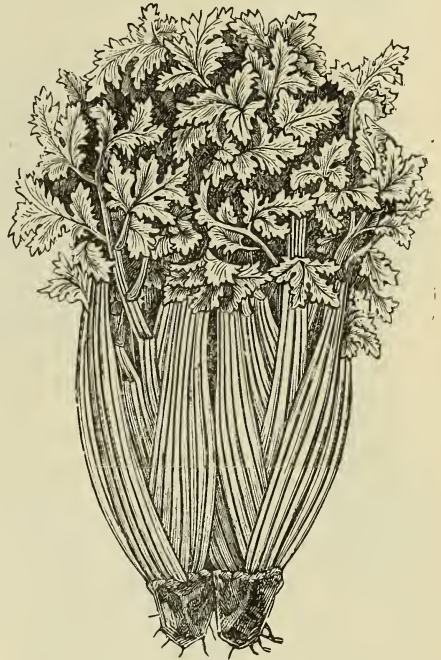
**White Plume Extra-Selected Celery.** Best celery for early fall use. Leaves and heart white, requires very little banking to be ready for use. This variety is an improvement on the common White Plume, and gives perfect satisfaction. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.

**Perfection Hartwell.** An excellent large, solid growing variety of creamy white color. A fine sort for market and a good keeper. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Boston Market—Dwarf.** Stems white, good keeper. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.25.

**Crawford's Half Dwarf.** A very good variety of vigorous growth and excellent flavor. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.25.

**Golden Heart.** A distinct variety, of sturdy dwarf habit. It is solid and an excellent keeper, of fine nutty flavor. The heart when blanched presents a fine appearance, being full centre. Very desirable for private and market use. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 70c.; lb. \$1.75.

*White Plume.*

**Pink Plume.** Similar to White Plume, but of better flavor. Superb quality, and when prepared for the table, makes a beautiful dish, stalks white, with lines of bright pink on the outside. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.

**Flavoring Celery.** Used solely for flavoring purposes. This seed is not sold to grow. Per lb. 25c.

**CELERIAC,  
or Turnip Rooted Celery.**

**Culture.**—Sow seeds same season, treat same as celery, to keep over winter, pack in sand and put in cellar.

**Large Smooth Prague.** The best of all Turnip Rooted Celery. Roots large and smooth, almost round. This plant is of vigorous growth, and when once used in a locality, no other variety will answer. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

**Large Early Erfurt.** Has edible roots, used for soups and stews. Pkt. 5c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.25.

**New Apple Shaped.** Has small foliage and small, smooth roots, for soups. Pkt. 5c.; oz., 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.25.

**Our Blanching Celery is Imported Seed.**

*Large Smooth Prague.*

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WILKINSON-AMERICAN CO. 1893



*Corn Salad.*

## SWEET CORN.

**Culture.**—Plant in hills three feet apart each way and five or six kernels in a hill. Hoe often and draw soil up to stems. Break off all side shoots. Make ground rich with well rotted manure. If not enough manure, put a small handful of Read's Fertilizer in each hill. Be sure to cover fertilizer before putting on the corn. When corn begins to come up through the ground drop on each hill a handful of unleached hardwood ashes, which will greatly benefit the crop and well pay for that small expense. Planting corn at different times will enable the grower to have corn until killed by frost. One quart for 200 hills, eight to ten quarts per acre.



*Melrose.*

### Extra Early Varieties.

**Melrose.** This superb variety is as early as Cory, with ears twice as large; one of the best early sorts, being tender and sweet. This variety we offer only on the ear and will be pleased to show our customers that this new variety is all we claim for it. Fine for market. Price, per ear, 5c.; doz. 50c.

**White Cob, First Crop.** Ears of medium length, very early, a great improvement over the Red Cob Cory and fully as early. Pt. 10c.; qt. 20c.; pk. 75c.

**Cory, Red Cob.** One of the earliest eight-rowed corn, kernels large light pink. A fine early sort. Pt. 10c.; qt. 20c.; pk. 75c.

**Extra Selected White Cory.** Cobs white, large ears and more productive than the *Red Cob Cory*, although a trifle later. This strain of Selected White Cory is grown especially for us from best selected stock. Pt. 10c.; qt. 20c.; pk. \$1.

**Early Mammoth.** Very large ears and much earlier than late mammoth. The largest early eared variety. Pt. 10c.; qt. 20c.; pk. 85c.

**White Cory.** Regular strain of White Cob Cory. Pt. 10c.; qt. 20c.; pk. 75c.

**Add 15 cents extra per quart for peas and beans, 10 cents for corn, and 8 cents per pound for seed, when ordered by mail.**

## CORN SALAD, or Feticus.

**Culture.**—Sow during August, or early in September, in drills one-quarter inch deep and six inches apart. If weather is dry when seed is sown, tread it lightly to secure germination. Keep free from weeds. Just before winter cover lightly with straw or leaves.

**Large Green Cabbage.** Best of all. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.

## CRESS, or Peppergrass.

**Culture.**—Sow Curled in shallow drills every two or three weeks, and cut often, it will continue to grow. Very useful for salad.

**Curled, or Peppergrass.** Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**True Watercress.** Sow where it is damp, near water edge, or on outside margin of hotbed where it is always cool. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.



*Early Corn.*

**SWEET CORN—Extra Early Varieties, Continued.**

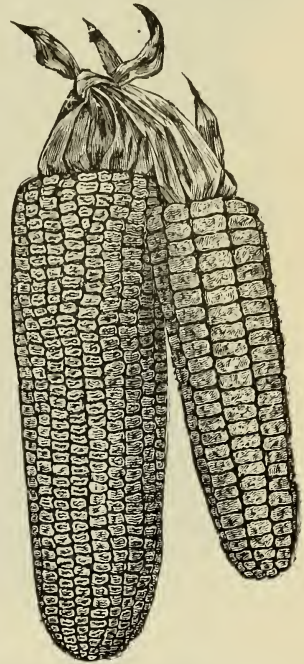
- Burpee's First of All.** The First of All is ready for the table from *from three days to a week earlier than the Cory*, making it very desirable, not only for family gardens, but extremely valuable to grow for market, where the earliest corn always brings by far the highest prices. The ears are of medium size, well filled with grains to the very tip. In habit of growth it is rather dwarfer than the Cory, although similar in appearance, but *superior in quality*. Pt. 10c.; qt. 20c.; pk. 85c.
- Perry's Hybrid.** Very early, of large size, valuable for market. One of the well known standard sorts. Pt. 10c.; qt. 20c.; pk. 85c.
- Marblehead, Early.** Very early, dwarf habit of growth; ears thick. Good early variety. Pt. 10c.; qt. 20c.; pk. \$1.
- Early Minnesota.** Not quite as early as Marblehead, dwarf, of good quality. Pt. 10c.; qt. 20c.; pk. 75c.

**Second Early Varieties.**

- Shaker's Early.** Very large ears, of fine quality, grains white and quite early. Pt. 10c.; qt. 20c.; pk. \$1.
- Stabler's Pedigree.** This variety is excellent for main crop, ears large as Evergreen and of finest quality; one of the finest for second early. Very profitable for market or canning. Pt. 10c.; qt. 20c.; pk. \$1.
- Pee & Kay.** Ears of this variety large and thick, bearing a resemblance to Shaker's Early; ripens about same time. Pt. 10c.; qt. 20c.; pk. 85c.
- Crosby.** Matures after Minnesota, ears fair size and of excellent quality; very productive. Pt. 10c.; qt. 20c.; pk. 85c.
- Early Maine.** Medium ears and second early, fine for table use. Pt. 10c.; qt. 20c.; \$1.

**Late Varieties.**

- Stowell's Evergreen.** One of the best of the late varieties of sweet corn, ears large and of excellent flavor. This variety is too well known throughout the country to need further description. Pt. 10c.; qt. 20c.; pk. 75c.
- M. & W. Sugar.** Late large ears, of fine quality. This variety is largely grown by Troy and Albany market gardeners, who pronounce it an excellent late variety. Pt. 10c.; qt. 20c.; pk. 80c.
- Large Late Mammoth.** The name of this sort fully describes the size of the ears, they are of immense size, excellent quality; an enormous yielder, very sweet. Pt. 10c.; qt. 20c.; pk. 80c.

*Mammoth and Marblehead.**Improved White Spine.*  
See page 16.

- Early Russian.** Early sort, valuable for pickles. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.
- Early Cluster.** Small, growing in clusters. Prolific. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

- Champion.** This variety is second early, sweet and desirable for market use, ears good size. Pt. 10c.; qt. 20c.; pk. 80c.
- Country Gentleman.** Late variety, large ears, averaging from 8 to 9 inches, cob white and small, kernels large and peg-tooth shaped; one of the best. Pt. 10c.; qt. 20c.; pk. \$1.
- Black Mexican.** Kernels black, delicious flavor, fine for home use; one of the sweetest varieties grown. Pt. 10c.; qt. 20c.; pk. 85c.

**Field Varieties.**

- White Southern Sheep-tooth, for Fodder.**
- Evergreen Fodder.**
- Early Eight Rowed Yellow.**
- Yellow Blazed.**
- Rice for Popping.**
- Leaming.**
- Longfellow. (Yellow Flint).** The ears are remarkably long, some of them fifteen inches, oftentimes two or more grow on one stalk. Eight to ten quarts per acre.

Prices on application.

**CUCUMBER.**

**Culture.**—For early, sow in pots in hotbeds, or berry boxes. Cut corners of boxes and set out, when there is no danger from frost, in good rich soil. For general crop, plant about June 20th, in hills 3x6 feet, with manure in each hill or a handful of Read's Standard Fertilizer, which will start the vines bearing quicker than manure; cover fertilizer, then drop six to eight seeds in hill. Thin to four or five. One ounce to fifty hills; three quarts per acre.

**TRY MELROSE CORN.**

**CUCUMBERS—Continued.**

**Early Frame, or Short Green.** Fine for pickling Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.  
**Improved White Spine.** Best for general crop, and unquestionably the best for all purposes. May be used under glass with good results. Best for pickling purposes, or first crop for cucumbers. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 45c. (See illus., page 15.)



*New York Improved Spineless.*

**Arlington White Spine.** The earliest for pickling. The Arlington is largely used by market gardeners and is a leader. Some claim it is fully as good as White Spine. It is one of the best. Very productive. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 45c.

**Peerless White Spine.** Very early strain. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Nichol's Medium Green.** A very fine table sort. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Long Green.** Long and crisp. A popular and standard variety for pickles. Pkt. 5c.; oz. 10c.;  $\frac{1}{2}$  lb. 20c.; lb. 40c.

**Early Green Prolific.** Dark green, and one of the best for pickling. Very productive and of uniform small size. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 45c.

**Boston Pickling.** A favorite eastern sort, of superb quality. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Westfield's Chicago Pickling.** One of the best for late planting. A well known Western variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 45c.

**EGG PLANT.**

**Culture.**—Sow in hotbeds very early in spring, and transplant when two inches high into two inch pots. If this is not done, thin to four inches apart. Do not plant out until weather becomes perfectly settled and warm. Set out plants three by two feet. One oz. for 1000 plants.

**New York Improved Spineless.** This variety is vastly superior to the old variety. Habit of the plant is low and branching and is quite free from spines, both plant and calyx, which are largest size and perfect form; fully two weeks earlier than common variety. Pkt. 10c.; oz. 50c.;  $\frac{1}{4}$  lb. \$1.50.

**New York Improved.** The best large oval. This variety is grown more extensively than any other sort. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. \$1.

**ENDIVE.**

**Culture.**—Sow in June and July. Cover lightly; thin to eight inches apart. When leaves are from 6 to 8 inches long, blanch by gathering them together and tying at top with yarn. One oz. for 200 feet of drill or 2000 plants.

**Green Curled.** This is the main standard variety for fall and winter use. Very tender and crisp leaves, growing about 9 inches in length. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. \$1.

**Broad Leaved Batavian.** This variety is distinct from the Green Curled variety, having broad wrinkled leaves. Very productive and delicious. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. \$1.



*Curled Endive.*

**Our prices are as low as GOOD SEED can be sold.**

**HERBS.**

**Summer Savory.** Used as culinary herb. Oz. 10c.;  $\frac{1}{4}$  lb. 30c.

**Sage.** Used as culinary herb and medicine. Oz. 15c.;  $\frac{1}{4}$  lb. 50c.

**Thyme.** Broad-leaved English, used as seasoning. Oz. 25c.;  $\frac{1}{4}$  lb. 80c.

**Sweet Marjoram.** Used as seasoning. Oz. 20c.;  $\frac{1}{4}$  lb. 70c.

**Caraway.** Used in flavoring liquors and bread. Oz. 10c.;  $\frac{1}{4}$  lb. 30c.

**Dill.** Seed used for flavoring vinegar. Oz. 10c.;  $\frac{1}{4}$  lb. 30c.

**Saffron.** Used as a medicine, also for dyeing. Oz. 15c.;  $\frac{1}{4}$  lb. 50c.

**Wormwood.** Used for medicinal purposes. Oz. 30c.;  $\frac{1}{4}$  lb. \$1.



*Kale, or Borecole.*

**KALE, or Borecole.**

**Culture.**—May be grown on most any soil, but the richer the soil the more productive.—If wanted for early, sow about July 15. This is more tender than any of the cabbage family and would be grown more extensively were its merits fully known.



*Kohl-rabi.*

**Dwarf Green Curled.** Dwarf spreading variety. Very curly and will stand out over winter where temperature does not go below zero. Color bright green. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 75c.

**Tall Scotch Curled.** Taller variety of the above. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 75c.

**KOHL-RABI.**

**Culture.**—No garden is complete without this vegetable. Sow in spring in rows eighteen inches apart. Thin plants from eight to ten inches. If the weather is wet and cool the plants may be transplanted that have been used in thinning, but are very hard to make grow. Keep free from weeds. Cook same as turnips.

**Early White Forcing.** Very useful for general culture. May be planted close together. The best for forcing. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.50.

**Early White Vienna.** Has beautiful white ball and is fit to use when ball is 3 or 4 inches in diameter. Flesh white and tender. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Early Purple Vienna.** Similar to the white in form, size, etc. The main difference being the color of ball, which is purple. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**LEEK.**

**Culture.**—Sow very early in spring, in drills six inches apart, and one inch deep. Thin out to one inch. When about seven inches high, transplant them into rows twelve inches apart, and as deep as possible, but do not cover the tender centre leaves. Draw earth to them as they grow. Plant in rich soil. Seed may also be grown in September, and young plants transplanted in spring to where they are to remain. One ounce for 1000 plants.



*Leek.*

**We mail seeds in packets, ounces and quarter pounds at catalogue price.**

**LEEK—Continued.**

**Broad American Flag.** Very hardy and productive. This variety is largely used among the gardeners and truckers, who pronounce it the best of the leek family. Oz. 15c.;  $\frac{1}{4}$  lb. 40c.; lb. \$1.25.

*Lettuce.*

**Large Rouen.** A standard sort with broad leaves and short stem, an excellent large variety for market use. Oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Scotch Musselburgh.** The largest and most prolific of the leek varieties; a superb and vigorous sort. Treat this variety same as the above sorts. Oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**LETTUCE.**

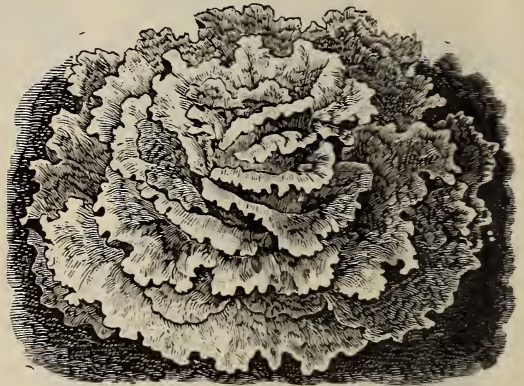
**Culture.**—For early forcing, sow in hot-beds in March, and transplant into open ground as soon as it can be worked. Every two weeks sow new piece of the same varieties, and you will always have fine lettuce. For early crops, seeds may be sown in September and trans-

planted into cold frames, and wintered over same as Cabbage. Have ground well manured. The profits will pay big for extra labor and cost. One ounce for 3000 plants.

**Big Boston for Forcing.** This variety of lettuce is considered by many of the gardeners the only lettuce to grow in the greenhouse for a winter crop. We have taken special pains to purchase a strain of seed that will produce the finest of heads, and have without doubt the requirements in this strain. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. \$1.00.

**Grand Rapids Forcing.** Heads medium size, tender and crisp, a superb hot-house variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 80c.

**New York Market Gardener.** Fine heads, very solid and crisp, fine for frame work. Matures sooner than Grand Rapids. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. \$1.00.

*Grand Rapids.*

**Market Gardeners' Private Stock.** (Seed black.) In this most excellent sort the leaves are very large; deep bright green, slightly wrinkled, and form large heads, which blanches very nicely. This sort cannot fail to please. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. \$1.00.

**Hanson.** Heads very large and solid, sometimes weighing 2 to 3 pounds. Withstands the sun well. Pkt. 5c.; oz. 15c.;  $\frac{1}{4}$  lb. 30c.; lb. \$1.00.

**Deacon.** Excellent for early and summer use, forms large heads, very solid, of light green color. Tender quality. The best. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 80c.

**Early Prize Head.** Large, loose heads, tinged with brown, very early. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 80c.

**Boston Market.** An improvement on White Seeded Tennis. Ball, large heads, fine for forcing. Pkt. 5c. oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 80c.

**Hendersons' New York Cabbage.** Large, solid heads, slow to run to seed. Often grows eighteen inches in diameter, heads weighing nearly four pounds. It blanches

*Paris White Cos.*

(See page 19.)

itself, and is very tender and crisp. Not a forcing variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. 80c.

**Our prices are low. Quality of seed unequalled.**



**LETTUCE—Continued.**

- Early Curled Silesia.** Very early, tender and crisp, fine for hotbeds. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 80c.
- Early Curled Simpson.** A well known standard variety. One of the best curly lettuces grown. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 80c.
- Black Seeded Simpson.** Does not form compact heads, but masses the leaves, withstands heat excellently. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 80c.
- Boston Curled.** A superb variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. 80c.
- Philadelphia White Butter.** Medium, white, smooth leaved. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. 80c.
- Tennis Ball, Black Seeded.** Forms close, hard heads; for forcing. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. 80c.
- Paris White Cos.** Fine for tying up and blanching. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c. (See illustration page 18.)

**MELON. (Musk.)****Green Fleshed Varieties.**

**Culture.**—Plant in the spring, in hills 5 or 6 feet apart each way, well manured with old rotten compost. Scatter a dozen seeds to a hill, and after they are out of danger from bugs, thin to three or four plants. When they have four or five rough leaves, pinch off the end of the main shoot, which will cause the lateral branches to put forth sooner; it will strengthen the growth of the vines, and the fruit will come earlier to maturity. A light, dry, sandy soil and a dry atmosphere are most suitable. Melons should not be planted near any other varieties if it is desired to preserve them pure. They have arrived at perfection when the stem will cleave from the fruit. A very rough netted skin is a most sure indication of high-flavored fruit. The varieties are numerous, but the following are the most esteemed. One oz. for 60 hills, 2 to 3 lbs. per acre.

**Corning's Albany Market.** This superb variety of melon is the leading melon in Troy and Albany markets. We wish to announce to our customers that we will have an abundance of this melon this season to supply the wants of all who may wish to plant this superb variety. Characteristics of this melon being green-fleshed, rich and juicy. Very early. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 90c.

**Jenny Lind—Improved.** An extra early, green-fleshed melon, one of the sweetest in cultivation. Fruit not over large, globular, flattened on ends, ribbed and covered with shallow netting. Excellent for hotel and restaurant use. Pkt. 5c., oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. 60c.

**New Early Hackensack.** Fruit is medium, size nearly round with deep ribs and very coarse netting. Flesh green and juicy. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 60c.

**Baltimore Market.** Oblong, flesh green, fine flavored, coarsely netted. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 60c.

**Salmon Fleshed.**

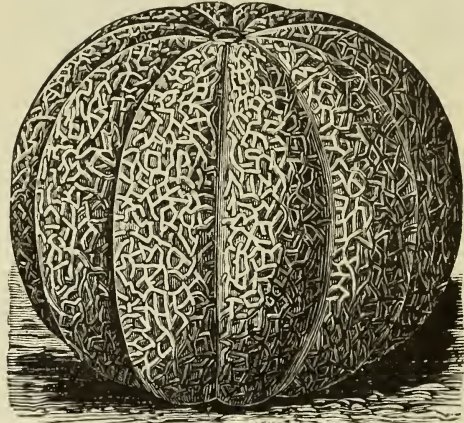
**Banquet.** The Banquet is a medium sized melon, flat at both ends more beautifully netted than

any other known variety. Quality has no equal; color dark rich salmon. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 60c.

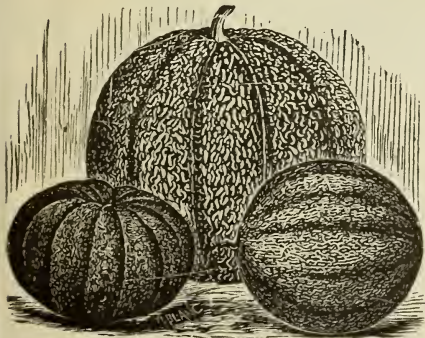
**M. & W. Extra Selected Surprise.** Very early, oblong, with rich orange flesh of superb quality, one of the best melons in cultivation. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 60c.

**American Breakfast.** Fine for early market. A superb variety of beautiful form, exquisite flavor. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 70c.

**Try CORNING'S Albany Market Musk Melon. It's fine.**



*Corning's Albany Market.*



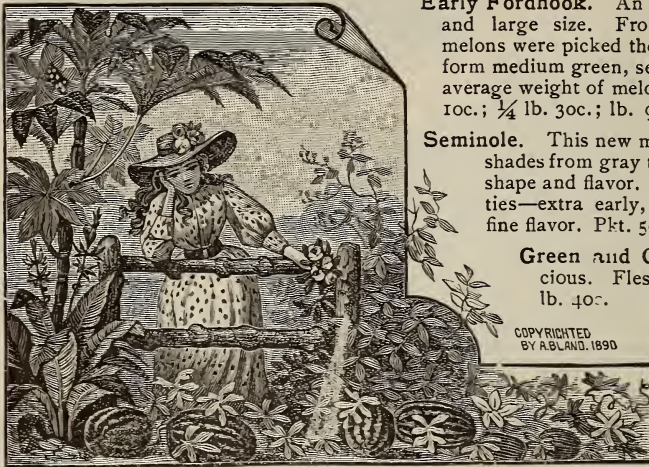
*Musk Melon.*

**MELON (Musk)—Continued.**

- Miller's Cream.** The flesh is rich salmon color, very rich, sweet and thick; rind very thin, finely netted; one of the best. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 60c.
- Princess.** Bears similar resemblance to Miller's Cream. Superb variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.
- Delmonico.** This variety, the vines are hardy and very thrifty growth, oval in shape, ripens thoroughly to the rind; color orange-pink. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.
- Osage.** Medium sized, oval shape, flesh salmon, very thick, being but a slight cavity in centre of largest melon. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.
- Surprise.** Oblong, rich orange flesh, excellent quality. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 60c.
- Orange Christiana.** Flesh yellow, very rich and sweet. One of the leading round varieties. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 60c.
- Emerald Gem.** This old reliable sort has been in cultivation for a long period and has won merit among the growers; small, extra early, sweetish flesh. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 60c.
- Vick's Early.** Fine early variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 60c.

**MELON (Water.)**

**Culture.**—Treat same as musk melon, except that they should be planted eight or ten feet apart, according to variety. One ounce to thirty hills; four to five pounds per acre in hills.

*Water Melons.*

**Early Fordhook.** An extra early melon of fine flavor and large size. From seed sown May 10th ripe melons were picked the last week in July. Color uniform medium green, seeds white, flesh red and sweet, average weight of melons 30 to 40 lbs. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. 90c.

**Seminole.** This new melon originated in Florida. It shades from gray to green in color; all same sizes, shape and flavor. It has four distinctive qualities—extra early, very productive, extra large, fine flavor. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 70c.

**Green and Gold.** Large, early and delicious. Flesh orange. Oz. 10c.;  $\frac{1}{4}$  lb. 15c. lb. 40c.

**Phinney's Early.** Early, flesh red, of superior quality. Oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 45c.

**Peerless.** Large, very fine, productive. Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Hungarian Honey.** An early sort; fine for north, flesh red. Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.

- Improved Mountain Sweet.** Flesh red, late, reliable. Oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 40c.
- Dark Icing.** Solid, with thin, dark green skin, early; seed white. Oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 35c.
- Black Spanish.** Large, roundish, nearly black, dark red flesh, very early. Oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 35c.
- Citron for Preserving.** (Green seed.) Round and handsome, and of good quality. Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.
- Citron for Preserving.** (Red seed.) Similar to above variety, with seeds red. Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**MUSHROOMS.**

**Culture.**—Mushrooms can be grown in cellars, in sheds, in hotbeds or sometimes in open air. Fermenting horse manure at a temperature of about seventy degrees, mixed with an equal weight of fresh sod loam, is made into beds the size required, eight inches deep. See to it that the bed is packed very solidly and evenly. In this bed, plant the broken pieces of spawn six inches apart.

**Seeds in packets, ounces and quarter pounds free at catalogue prices. Larger quantities, see second page.**

covering the whole with two inches of light soil, and protect from cold and rain. One brick will plant eight to ten square feet of bed. The mushrooms will appear in about six weeks. Water sparingly and with lukewarm water.

The mushroom is an edible fungus of a white color, changing to brown when old. The gills are loose, of pinkish red, changing to liver color. It produces no seed, but instead, a white, fibrous substance in broken threads, called spawn, which is preserved in horse manure, being pressed in the form of bricks. Thus prepared it will retain its vitality for years.

**English Mushroom Spawn.** In bricks, 30c. lb., prepaid.

**French Mushroom Spawn.** 3 lb. boxes, \$1.75 each, prepaid.

## NASTURTIUMS.

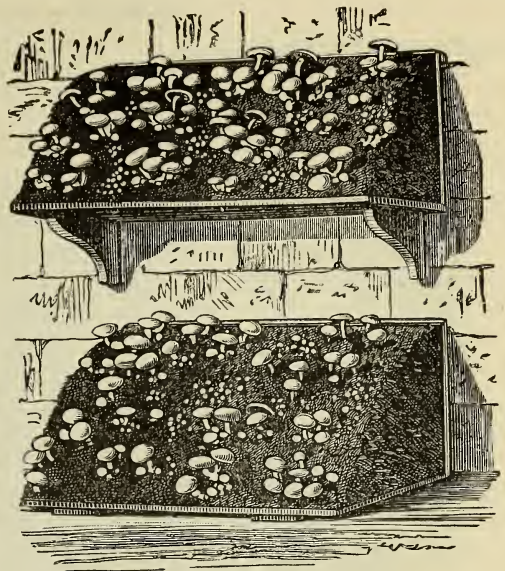
(See Flower Seeds.)

## OKRA, or Gumbo.

**Culture.**—Sow in drills about two inches deep in May, then plant from two to three feet in row.

**White Velvet.** This variety is a great improvement over the old White or Green. Plant is of medium height, bearing a large crop of white smooth tender pods. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 75c.

**Dwarf Prolific.** The longest podded variety, grows two feet high, has pods one foot long, thick and fleshy. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 65c.



*Mushrooms.*

## ONION.

**Culture.**—Sow seed in deep, rich, loamy soil, plow soil well and cover the autumn before sowing with a heavy coat of well rotten manure, level the ground as early in the spring as possible. Sow thinly in drills about one-quarter of an inch deep and one foot apart, press down with back of spade or very light roller; thin plants from three to four inches apart, work well and keep free from weeds; do not stir soil too deeply. One ounce for 100 feet of drill; five or six pounds per acre in drills.

**Extra Selected Improved Yellow Globe Danvers.** This selected strain of seed is grown *only* from selected globe shaped bulbs. It has proven in years past to be a better strain than can be bought from the regular seedsmen. These, however, are grown for us by experienced growers, and for this reason we say this *seed* is the *best*. Once purchasing onion seed from us, makes you a regular customer. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.50. (See illustration, page 22.)



*Okra, White Velvet.*

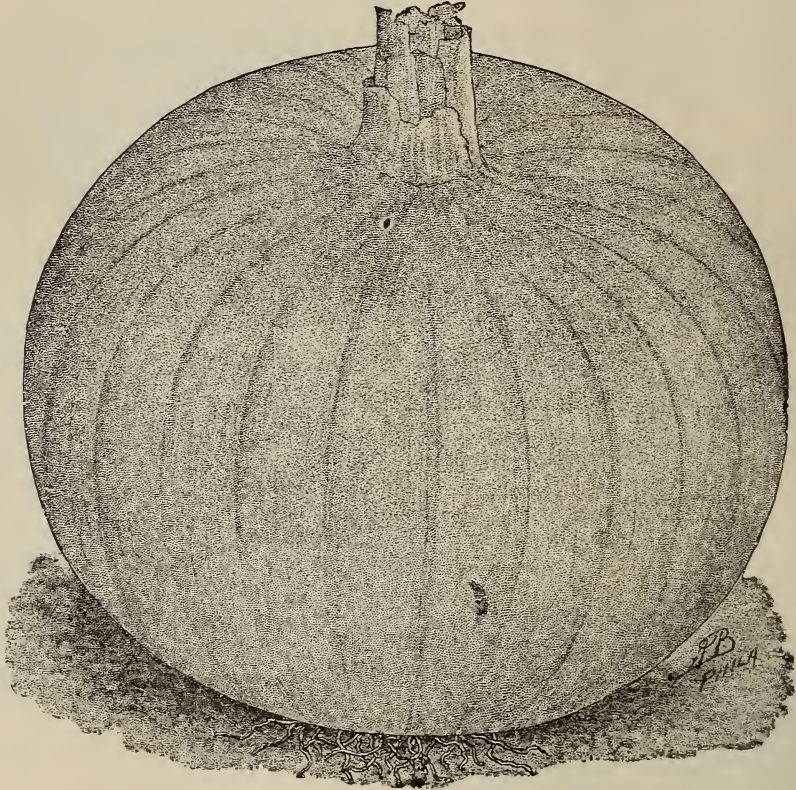
**ow Extra Selected Improved Yellow Globe Danvers' Onion.**

**ONIONS—Continued.**

**Improved Yellow Globe Danvers.** A very fine globe shaped onion. This seed is not the same as the Selected stock. Onions are not all perfect globe shaped as the above sort. However, this strain is a great improvement over the common well known Yellow Globe Danvers, and gives perfect satisfaction. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.; lb. \$1.

**Yellow Dutch.** A flat yellow onion, a good yielder, but not so desirable as other yellow sorts on account of its color and shape. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.; lb. \$1.

**Large Red Wethersfield.** This medium early variety is the most profitable red onion for market gardeners' use. Some markets require a red onion. This seed is grown from fine large onions. If you use a red onion give our strain a trial. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.; lb. \$1.



*Extra Selected Improved Yellow Globe Danvers. See page 21.*

**Large White Portugal or Silverskin.** Best white onion for bunching; used chiefly by market gardeners and truckers. Bottoms early, making it a very profitable variety, very mild, of excellent flavor. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75. (See illustration, page 23.)

**Southport Large White Globe.** This onion is fine, globe shaped, pure white and an excellent keeper, quality one of the best; used by some for bunching. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Southport Large Yellow Globe.** Very fine, large yellow onion, excellent for main crop; largely grown for shipping purposes; excellent for keeping. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.25.

**Southport Large Red Globe.** Superb red onion for winter, globular in shape, thin neck, dark red. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.25.

**Prize Taker.** One of the best standard varieties. Its immense size will recommend it to all. The exterior color is pale yellow-white, the interior a clear sparkling white. Matures early and is of mild flavor. Big yielder. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

**Best Onion for Bunching, Silverskin.**

## ONION SETS.

White and Yellow Sets. Market price. Write for quotations.

### PARSLEY.

**Culture.**—Soak the seeds a few hours in lukewarm water, and sow early in spring, and until the middle of July, in drills one foot apart. Thin to four inches.

**Champion Curled.** A well-known standard variety, very curly and of best quality. Unquestionably the best parsley for growing in hothouse. Pkt. 5c.; oz. 15c.;  $\frac{1}{4}$  lb. 30c.; lb. 70c.

**Double Curled.** Pkt. 5c.; oz. 15c.;  $\frac{1}{4}$  lb. 30c.; lb. 70c.

### PARSNIP.

**Culture.**—Sow in rich soil in drills about 18 inches apart, as early in the spring as the ground can be worked. The ground should be well worked, thin to 6 or 8 inches in the row. Keep free from weeds. One oz. to 100 feet of drill; 5 to 6 lbs. per acre in drills.

**Guernsey Half-Long.** Fine early variety, one of the best. Tender and sweet. Fine market garden variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 50c.

**Long Smooth White.** These grow large and quite long, free from side roots. The finest of the late varieties. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 50c.

**Hollow Crown, or Sugar.** Best market gardeners' strain. Excellent quality, white, and remarkably free from side shoots. Unquestionably the best. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 50c.

### PEAS.

**Culture.**—Sow in light, dry soil, not over rich. Sow as early as the ground can be worked, and again every ten days in succession up to the first of June, after which there is danger from mildew. Sow in single or double rows, four to six feet apart, according to height of peas. Dwarf varieties may be grown in beds same as bush beans and about the same distance apart. One quart to 75 feet of drill: 2 to 3 bushels in drills per acre.

### Peas, Extra Early Varieties.

Those marked (\*) are wrinkled varieties.

**Alaska.** A smooth variety, very early, if not the earliest pea in cultivation. Very sweet and a big yielder. Pronounced by many growers the best for early market use. Finest blue seeded variety, seed round, blue, height,  $2\frac{1}{2}$  feet, slightly pitted. Pt. 15c.; qt. 20c.; pk. \$1.00. (See illustration page 24.)

**First of All.** Seed round and white. Very productive; height,  $2\frac{1}{2}$  feet. Pt. 15c.; qt. 20c.; pk. 75c.



*Large White Portugal, or Silverskin.*

See page 22.



*Parsley, Champion Curled.*

**Our seeds are best. We import direct from Europe.**

**PEAS—Continued.**

**Daniel O'Rourke.** Extra early market gardeners variety. One of the best for early market. Height 2 to 2½ feet. Pt. 15c.; qt. 20c.; pk. 75c.



*Alaska.*

See page 23.

smooth, grows from 2 to 2½ feet high. Pt. 15c.; qt. 20c.; pk. 75c.

**Philadelphia Extra Early.** This superb variety was first originated among the Philadelphia market gardeners and now has won favor by all who grow it. Height, 2 feet. Pt. 15c.; qt. 20c.; pk. \$1.

\***Nott's Excelsior.** Robust and vigorous in growth, producing in profusion long handsome pods, closely packed with large peas of fine flavor. A great improvement on American Wonder, with larger pods and more peas than either the Wonder or Premium Gem. Seeds green and wrinkled, square at end, height 12 inches. Pt. 15c.; qt. 20c.; pk. \$1.25.

\***American Wonder.** Vigorous, productive, with dark luxuriant foliage, responding generously to high culture. Very desirable and popular for private gardens. Seeds green, wrinkled; height, 9 inches. Pt. 15c.; qt. 20c.; pk. \$1. (See illustration page 26.)

\***McLane's Little Gem.** Similar to Premium Gem, but more straggling in growth, pods fairly well filled. Height, 18 inches. Seeds green, wrinkled. Pt. 15c.; qt. 20c.; pk. \$1.

\***Extra Early Premium Gem.** Probably no pea of this class has been more universally and deservedly popular in America. Hardy, prolific, uniform in habit of growth, pods borne singly on both sides of the stalks, beginning near the ground, about a week later than American Wonder. Seeds green, wrinkled; height, 14 inches. Pt. 15c.; qt. 20c.; pk. \$1.

**Kentisch Invicta.** An excellent early sort. Pt. 15c.; qt. 20c.; pk. \$1.

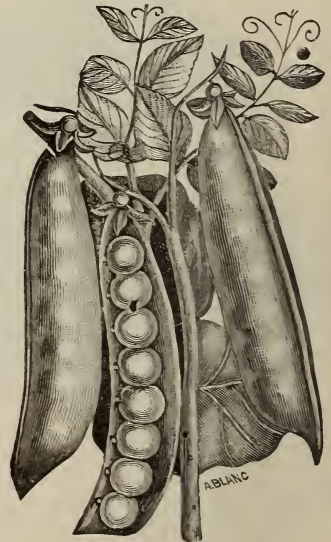
**Early Varieties.**

\***Surprise.** This early smooth variety is one of the best market sorts, being extremely early. Heretofore, the Surprise has been listed by many as a wrinkled sort, this is not the case, all true Surprise peas are smooth. Height, 2 feet. Pt. 15c.; qt. 20c., pk. \$1.

**Maud S.** This undoubtedly is the best first early pea of the smooth variety ever introduced for early market. Height 2½ feet, bearing abundantly large straight pods, filled with peas of superior flavor. Try Maud S. this season. Pt. 15c.; qt. 20c.; pk. \$1.

**New Lightning.** Similar to Daniel O'Rourke in looks and growth, but better quality of peas. Height, 2 feet. Pt. 15c.; qt. 20c.; pk. \$1.

**First and Best.** The *first*, because it is the earliest, the *best*, because it bears more peas of better quality than other early sorts. Peas



*First and Best.*

**Our Peas are all Northern Grown.**

**PEAS—Continued.**

**\*Heroine.** Introduced by Peter Henderson & Co., and is an extremely popular variety. Elegant habit of growth, pods remarkably long, slightly curved, peas of fine flavor, apparently as good as Stratagem for all purposes, while far superior to that variety in habit as it comes true. Height, two feet; seed green and very much wrinkled. Pt. 15c.; qt. 20c.; pk. \$1.

**\*Paragon.** Large medium early pea, very productive. Pt. 15c.; qt. 20c.; pk. \$1.

**\*McLane's Blue Peter (True).** Hardy, uniform, robust and fairly productive. Pods broad, slightly flattened, borne at the top of the vines, peas of good flavor, seed round, flattened; height, ten inches. Pt. 15c.; qt. 20c.; pk. \$1.

**\*McLane's Advancer.** A great favorite among the market growers. Large pods, well filled of finest quality of peas, peas being borne on top of stalk, makes them easy to gather. Height, two feet. Seeds green, wrinkled, about one week later than Premium Gem. Popular canning variety. Pt. 15c.; qt. 20c.; pk. \$1.

**\*Horsford's Market Garden.** Resembling habit and growth of Premium Gem. One-third longer, ten days later, pods produced in pairs in great profusion. Much used by canners to succeed Advancer. Height, twenty inches, green and wrinkled. Pt. 15c.; qt. 20c.; pk. 80c.

**Dwarf Champion.** Excellent well known dwarf variety. Pt. 15c.; qt. 20c.; pk. \$1.

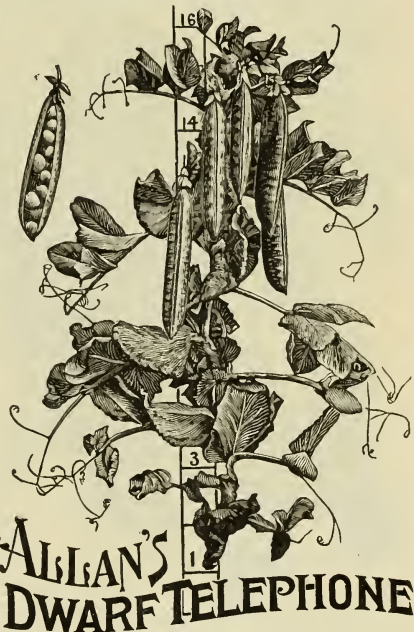
**Everbearing.** Vigorous and branching in habit of growth, season late, pods fair size, peas large and of good quality, height two feet, seeds green and wrinkled, flattened. Pt. 15c.; qt. 20c.; pk. \$1.

**Main Crop, Medium and Late.**

**Allen's Dwarf Telephone.** We offer for the first time this new dwarf pea. Height, under high culture, eighteen inches. Habit, dwarf and stocky, healthy and vigorous, uniform in height and almost no tendency to sport, very productive, plants frequently bearing from five to seven pods. Season medium, from five to ten days earlier than Stratagem; pods very long, frequently five inches in length; broad, straight, rounded or curved at the ends, well filled, often containing ten peas. Color, pale green, thick and of good lasting qualities for market purposes. Seeds of largest size, tender and of delicious flavor: seeds when dry, light green and much shriveled and shrunken. We offer this new dwarf pea to our customers as it will surely become very popular and fill the long felt want. Try them. Pt. 25c.; qt. 40c.; pk. \$2.75.

**\*Telephone.** Vines and leaves large and coarse, large light green pods, nearly straight, produced singly, well filled with large tender peas, sweet and of good flavor. This variety is very popular among gardeners. Some strains of this pea have proved to be quite badly mixed with sports, but our stock will be found to be quite pure and true. Height, 3½ feet. Seeds light green, very wrinkled. Pt. 15c.; qt. 20c.; pk. \$1.

**Our Peas are all Northern Grown.**



*Pride of the Market.*  
See page 26.

**PEAS—Continued.**

**\*Pride of the Market.** This superb variety is largely grown on Long Island for New York market. Habit of growth resembles Stratagem, only deeper green in color. Quality of peas very fine; height, two feet; seed green, dented. This variety is strongly inclined to sport. We can say for our stock that it is equal to any offered. Pt. 15c.; qt. 20c.; pk. \$1.25. (See illustration on page 25.)



*American Wonder.*

See page 24.

**\*Tuxedo.** Late variety; hardy, vigorous, upright in habit, produces abundantly, flavor of peas of first quality. Seed white, wrinkled and flattened, height, 2½ feet. Pt. 15c.; qt. 25c.; pk. \$1.30.

**Stratagem Improved.** A great favorite among private and market gardeners. Vigorous habit, superb foliage, a heavy cropper; height, two feet; seeds large, green, wrinkled. Pt. 15c.; qt. 20c.; pk. \$1.25.

**\*Champion of England.** An old favorite sort; peas large, tender and sweet; pods large and broad; seeds light green, very much wrinkled; height, four feet. Pt. 15c.; qt. 20c.; pk. 80c.

**\*Yorkshire Hero.** Hardy and productive; peas large and of good quality, late; seeds large green, wrinkled; height, 2½ feet. Pt. 15c.; qt. 20c.; pk. \$1.

**Black Eyed Marrowfat.** } Price on application.  
**Canada Field** }

**PEPPER.**

**Culture.**—Sow in hotbed in March, and when the soil has become warm, set in row two feet by eighteen inches, and keep free from weeds.†

**Large Squash.** Productive, fine. Pkt. 10c.; oz. 20c.; ¼ lb. 70c.; lb. \$2.25.

**Red Cluster.** Upright, bright red fruit. Pkt. 10c.; oz. 20c.; ¼ lb. 70c.; lb. \$2.50.

**Long Cayenne.** Very productive. Pkt. 10c.; oz. 20c.; ¼ lb. 75c.; lb. \$2.50.

**Ruby King.** One of the best red, mild, and large fruit. Pkt. 10c.; oz. 20c.; ¼ lb. 70c.; lb. \$2.50.

**Sweet Mountain, or Mammoth.** Large, regular, and of mild flavor. Pkt. 10c.; oz. 20c.; ¼ lb. 70c.; lb. \$2.50.

**Large Bell, or Bull Nose.** Large and mild. Pkt. 10c.; oz. 20c.; ¼ lb. 70c.; lb. \$2.25.



*Ruby King.*

**SEED POTATOES.**

Our Potatoes are Northern grown from State of Maine.

**Culture.**—Plant early as ground will permit, and plant in rows three feet apart by one and one-half feet in row. Wood ashes and plaster are very desirable to sow after the potatoes are up. To start potatoes quickly, put in small handful of Read's Potato Fertilizer, for potatoes only. Ten bushel cut tubers will plant one acre. Prices for larger quantities on application.

**Remember the Main place to buy reliable tested seeds,  
Young & Halstead, Troy, N. Y.**



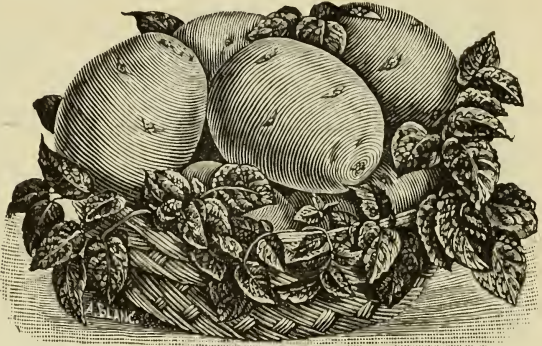
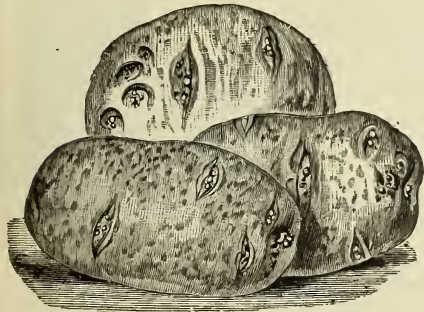
**SEED POTATOES—Continued.**

**Early Maine.** Smooth, very early and productive. Color blush, fine cooking qualities.  $\frac{1}{2}$  pk. 50c.; pk. 85c.; bu. \$2.

**Early Northern.** Several days earlier than the Early Rose, and equally prolific. Strong, vigorous grower, and the potatoes are well bunched together in the hills. Cooking qualities unexcelled; superb variety.  $\frac{1}{2}$  pk. 50c.; pk. 85c.; bu. \$2.

**Early Puritan.** Distinct from the other sorts. The skin is nearly pure white. It cooks dry and floury, and is unequaled in quality.  $\frac{1}{2}$  pk. 50c.; pk. 85c.; bu. \$2.

**Early Ohio.** Tubers almost round, flesh solid, cooks dry and mealy. Very early; excellent. This variety will cook mealy before it is half grown; this makes the Ohio far more profitable for early market.  $\frac{1}{2}$  pk. 50c.; pk. 85c.; bu. \$2.

*Early Puritan Potatoes.**Early Potatoes.*

**Charles Downing.** Oval, oblong form, and pure white. One of the earliest sorts, of splendid quality.  $\frac{1}{2}$  pk. 50c.; pk. 85c.; bu. \$2.

**Rural New Yorker, No. 2.** A fine variety, maturing intermediate between early and late varieties. Tubers large, smooth. The skin and flesh white. Eyes very shallow. Very productive.  $\frac{1}{2}$  pk. 40c.; pk. 80c.; bu. \$1.75.

**Early Freeman.** Extremely early and long-keeping qualities. No tendency to rot. Uniform shape, productive.  $\frac{1}{2}$  pk. 40c.; pk. 80c.; bu. \$1.75.

**PUMPKIN.**

**Culture.**—May be planted among the field corn or in hills eight or ten feet apart each way; four seeds in a hill. Cultivate same as melons. Avoid planting near other vines. One pound for 200 hills.

**Large Cheese.** Flat, and one of the best for family use. Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

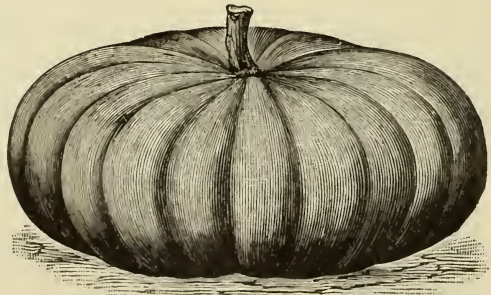
**Large Field.** Best cropper. Oz. 5c.;  $\frac{1}{4}$  lb. 10c.; lb. 15c.

**Mammoth Tours.** French. Grows to an immense size, often weighing over 100 lbs. Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Johnathan.** One of the best crookneck pie pumpkins ever placed on the market. Large yielder. Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Cushaw.** A pure white, crooked necked variety of excellent quality. Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Small Sweet Sugar.** Fine, sweet and prolific. Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

*Large Cheese Pumpkin.***RADISH. (Early Varieties.)**

**Culture.**—Sow in spring, as soon as ground will permit, in light, dry, rich soil, in rows eight to twelve inches apart, and for a succession every week or ten days up to the middle of June. Sow from eight to ten pounds per acre. One ounce to 100 feet of drill; nine to ten pounds in drills for an acre.

**Our strain Vick's Scarlet Globe Radish is superb.**

**RADISH (Early Varieties)—Continued.****Best French Seed.***Scarlet Turnip Forcing Radish.*

**Vick's Scarlet Globe Forcing.** This excellent radish is unquestionably the best for growing under glass and early frames. This strain has been found by all who tested it this season to be *the best*. Market gardeners order as high as fifty pounds at a time. This without doubt is all we claim for it. We offer only best selected seed. Sow this remarkable strain and you will sow no other. Color deep scarlet. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.

**Extra Early Scarlet Forcing.** Very early, excellent. Oz. 10c.; lb. 20c.;  $\frac{1}{4}$  lb. 50c.

**Extra Early Scarlet White Tip Forcing.** For frames or hotbeds. Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Extra Early Deep Scarlet Turnip Forcing.** Matures in twenty days. Fine also for frame or hothouse culture; very small top, bottoms nicely, deep rich red color; flesh white and crisp. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.

**Early Carmine Olive Shaped Forcing.** Beautiful, superb sort, excellent for table use and a fine market variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Early White Turnip Forcing.** Flesh pure white and sweet. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Philadelphia White Box Forcing.** Pure white, excellent. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Early Yellow Turnip Forcing.** Dull yellow, flesh fine. (New). Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Early Scarlet Turnip White Tip.** Bright scarlet, fading to white at base. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Early Scarlet Turnip.** Mild and unsurpassed in flavor. Similar to Deep Scarlet, which, however, is better for forcing. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 35c.

**Rosy Gem.** Superb, and of mild flavor. This Rosy Gem radish is rightly named "Gem," as it is a *gem*, and is grown very extensively. Give this radish a fair trial and you will always use them. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Early Deep Scarlet Turnip.** Distinct shape, very fine. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Early White Turnip.** An old standard sort. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 35c.

**Early Deep Scarlet, Oliv Shaped.** Very good, reliable. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Early White Olive Shaped.** Mild, and fine for summer. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.



*Beckert's Chartier.*  
See page 29.

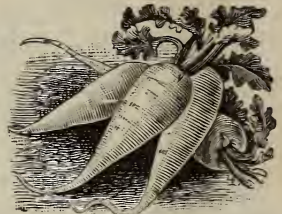
**Early Yellow, Olive Shaped.** A few sort. of fine quality. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**French Breakfast.** Pink and white. very fine. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Wood's Early Frame.** A good long variety for forcing. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 40c.

**Long Scarlet Short Top.** Long and crisp, frames or open ground. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 40c.

**Long White Vienna or Lady Finger.** Crisp and tender in summer. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

*Early Yellow Radish.*

*Black Spanish Winter.*  
See page 29.

**RADISH. (Summer.)**

- White Strasburg.** Very large, the German's favorite. Pkt. 5c ; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.
- Long White Naples.** Slender, for summer use. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.
- Long White Globe.** A good sort for summer use. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.
- Yellow Summer Turnip.** Very popular for market. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.
- Golden Globe.** Superb. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.
- Beckert's Chartier.** Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c. (See illustration, page 28.)



**RADISH. (Winter.)**

- Chinese Rose Winter.** One of the best winter varieties. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.
- Round Black Spanish.** Largely grown for late fall and winter use; an excellent radish for keeping. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.
- Long White Spanish.** Fine fall variety. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c. *Mammoth Sandwich Island*
- Improved Long Black Spanish.** Flesh white and crisp, one of the best for early fall and winter. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 60c. (See illustration, page 28.)



*Large Victoria.*

**RHUBARB.**

- Large Victoria.** Very large and somewhat later than the small varieties; plant in very rich soil. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 30c.; lb. \$1.

**SALSIFY, or Oyster Plant.**

**Culture.**—Sow early in spring, in drills one foot apart and about one inch deep. Thin out to six inches in the row. Keep free from weeds. Sow eight to ten pounds to the acre.

- Sandwich Island Improved Mammoth.** Large and superior, fine. Oz. 15c.;  $\frac{1}{4}$  lb. 40c.; lb. \$1.25.
- Long White.** Superb sort for early spring use. Oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. \$1.

**SPINACH.**

**Culture.**—Sow in early spring in drills one foot apart, ten to twelve pounds to the acre. For fall use, sow in August. For winter crop, sow in September. Cover that which is left out with straw or weeds after the weather becomes quite cold. One ounce for 100 feet of drill; ten to twelve pounds in drills per acre.

- Round Thick Leaved.** Has very large and thick leaves. Fine market sort. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 25c.

- Long Standing.** Best for spring. Dark green, and stands longest before running to seed. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.

- Savoy.** Leaves wrinkled. Yields twice as much as round leaved. One of the best. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 25c.

- Prickley, or Winter.** Vigorous and hardy. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.



*Spinach, Long Standing.*

**Our seeds are very best obtainable, and our prices are low, considering high quality of seed.**

## SQUASH.

**Culture.**—Do not plant until weather is warm and settled. Plant in rich sandy soil; put in each hill a shovel of well rotted manure, work same as melons, thin out to three or four strong vines. One ounce for thirty hills; four to five pounds per acre.

**Early White Scallop Bush.** The earliest. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 40c.

**Hubbard Squash.** This well known superior variety is one of the finest squashes for keeping, will keep long into the winter; also a fine fall variety. Very large, flesh yellow. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.



*White Bush Scallop.*

**Boston Marrow.** This variety and the above Hubbard are the two leading squashes. Shape of squash, oval; color bright orange; one of the best. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Early Yellow Scallop Bush.** Same as white, except color. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Early Orange Marrow, or Early Prolific.** One of the best. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Giant Summer Crookneck.** Double size of other Crookneck sorts. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Early Summer Crookneck.** Fine flavor. Small, reliable. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 45c.

**American Turban.** Excellent, good flavor, yellow. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 45c.

**Butman.** Salmon colored flesh. Fine for late. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Sibley, or Pike's Peak.** Orange flesh. Thick. Winter use. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Mammoth Chili.** Very large yellow. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 30c.; lb. 60c.

**Marblehead.** Resembles Hubbard, but has gray skin. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 45c.

**Essex Hybrid.** Fine for fall or winter. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 45c.

## TOMATO.

**Culture.**—Sow in hotbed, or early spring in shallow boxes, and place in the window. Transplant to open ground when all danger of frost is past, setting the plants three to four feet apart each way. Cultivate well. Set plants in open ground about the middle of May when all danger of frost is over, place good shovel of well rotted manure in each hill. Stake plants and you will realize a third larger crop. One ounce for 1500 plants;  $\frac{1}{4}$  lb. will transplant for one acre.

**Buckeye State.** This is the largest smooth tomato in the world. This averages at least one-half larger than Livingston's Beauty. This is, without doubt, the heaviest cropper known. Tomatoes are borne in immense clusters. Its solidity has no equal. It matures earlier than *Stone* by a few days. Color almost same as *Beauty*, only trifle darker. This is without question the earliest smooth tomato ever placed on the market. Excellent for canning and market gardeners' use. Plant Buckeye State and get highest price for your crop. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 70c.; lb. \$2.00. (See illustration, page 31.)



*Hubbard Squash.*

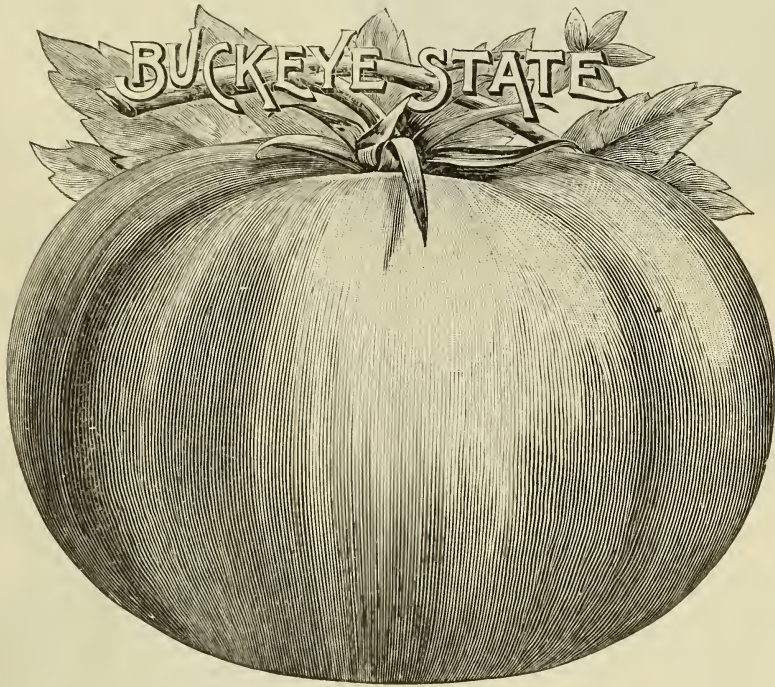
**Remember our Summer and Winter Bulbs.**

**TOMATO—Continued.**

**New Stone.** This variety was introduced in 1891 and since that time has obtained great favor with canners and growers. It is very solid and a fine shipper. Color very desirable red, perfect, smooth in shape and thicker from stem to blossom end than most varieties, making it very desirable and salable. No one can find any fault with this variety; each and everyone speaks very highly of its yielding qualities. Very fine and immense yielder of fine smooth tomatoes. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 70c.; lb. \$1.75. (See illustration, page 32.)

**Early Advance.** A very good, fine variety, for market and home use. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$1.75.

**Early Ruby.** The earliest Beefsteak tomato grown, but this tomato is not the largest or smoothest, but will have more ripe tomatoes earlier than any other sort. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 70c.; lb. \$2.



See description, page 30.

**Essex Hybrid Early.** Very similar to the Acme, fruit slightly darker, purple, always smooth and handsome. Quality one of the best. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Atlantic Prize.** One of the earliest of all; not only ripens *its first fruit*, but a *large proportion* of the crop earlier than any other sort. Smooth, bright red. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$2.

**Dwarf Champion.** Dwarf, stiff habit, scarcely needing any support. Very early and prolific. Color crimson, with pinkish cast. Best dwarf variety. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$2.

**Red Champion.** Similar to Dwarf Champion. Color bright red. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$2.

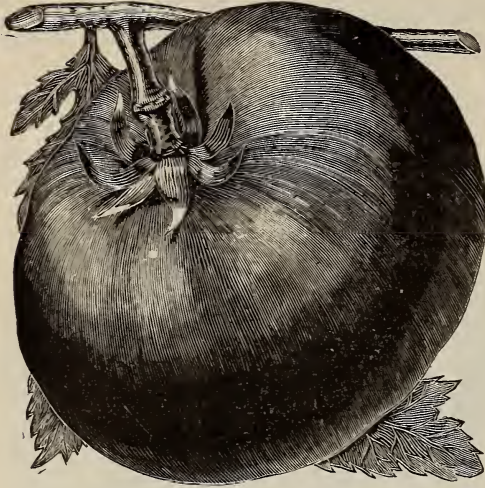
**New Peach (Purple Peach).** This resembles the peach so much that it is often taken for a real peach. Color deep rose, blended with orange, fine flavor, very ornamental for table decoration. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$2.

**Paragon.** An old standard variety. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.

**Our seeds are best. We import direct from Europe.**

**TOMATO—Continued.**

**Livingston's Beauty.** Decided favorite for home or market, being hardy and strong grower. Very productive; large. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.



*New Stone Tomato.*

See page 31.

good sub acid flavor. The single fruits are large, but somewhat scattered on the vine. Quite a large percentage of the fruits are too rough to please growers of the strictly smooth kinds. When ripe it is apt to remain somewhat green about stem end, and it seems to ripen on the inside first, and on this account should be picked when it appears to be about half ripe. Pkt. 10c.; oz. 40c.;  $\frac{1}{4}$  lb. \$1.25.

**TURNIPS.**

**Culture.**—For early, sow as soon as ground opens in spring. For late, sow from middle of July to end of August. Sow in drills, one pound per acre. Broadcast from two to three pounds per acre.

**Early White Milan.** As early as Purple Top Milan and possesses all its good qualities. The entire bulb inside and out is clear ivory-white in color. The outer surface is perfectly smooth as shown in cut. Grows very quickly, and very tender. Its table qualities are unequaled. It is very popular in the markets, and for table use, at least a week earlier than any other white variety. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 30c.; lb. 75c.

**Extra Early Milan Strap Leaf.** Earliest of all, with purple top. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Early White Flat Dutch.** Good early sort. Pkt 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 40c.



*Acme Tomato.*

**Livingston's Favorite.** Canner's favorite, one of the best of the standard sorts. Very large and red; ripens evenly and early. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Livingston's Perfection.** Better far than Acme, with red skin, smooth, with solid flesh, produces more and larger fruit at the close of the season. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Acme.** One of the earliest and best for market gardeners. Well grown and very smooth. Superb. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Young & Halstead's Ponderosa.** The fruit ripens quite early and keeps on coming until very late; of immense size, solid, almost seedless, and of

**TURNIP—Continued.**

**Early Red Top Strap Leaf.** Fall, flat sort.  
Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Early White Top Strap Leaf.** Early white,  
flat. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb.  
40c.

**Early White Egg.** Oval, sweet. Pkt. 5c.  
oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Extra Selected Purple Top White Globe.**  
Globe shape, enormous cropper, similar to  
Red Top Strap Leaf. Pkt. 5c.; oz. 10c.;  
 $\frac{1}{4}$  lb. 20c.; lb. 45c.

**Purple Top White Globe.** Excellent. Pkt.  
5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Green Top Amber Globe.** Fine for table use  
or stock. Good yielder. Pkt. 5c.; oz. 10c.;  
 $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Robertston's Golden Ball.** Rapid grower,  
good cropper, of bright yellow color. Pkt.  
5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Pomeranian White Globe.** Unsurpassed for  
table or stock use. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb.  
20c.; lb. 40c.

**Long White, or Cow Horn.** Resembles the  
horn of a cow, long and white. Pkt. 5c.; oz.  
10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

*Sweet German.*

**Sweet German, or Large White.** Excellent for stock, pro-  
ductive. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

*Red Top Strap Leaf.***RUTA-BAGA.**

**Purple Top Yellow.** Small, for table, flesh solid, very pro-  
ductive. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Champion Purple Top.** Excellent quality. Pkt. 5c.; oz. 10c.;  
 $\frac{1}{4}$  lb. 20c.; lb. 40c.

**Improved American Purple Top.** One of the earliest and  
best sorts. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 35c.

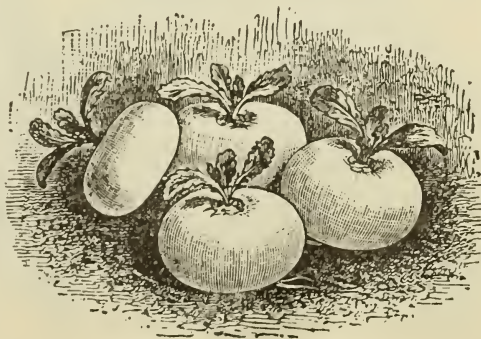
**Skirving's Purple Top.** Very large, fine. Pkt. 5c.; oz. 10c.;  
 $\frac{1}{4}$  lb. 15c.; lb. 35c.

**Large White French.** Grows very large,  
fine for table or stock use. Pkt. 5c.;  
oz. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 35c.

**Waite's Improved.** One of the best, ex-  
cellent. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.;  
lb. 45c.

**Budlong's.** The very best for late use, and  
are unequalled in quality. Fine for  
stock. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 15c.;  
lb. 45c.

**Improved Long Island Ruta-Baga.** This  
is the finest purple top Ruta-baga ever  
introduced of American origin. Twice  
the size of ordinary American stock.  
Largely grown for market use. Pkt. 5c.;  
oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 45c.

*White Milan.* See page 32.

**Our prices are as low as GOOD SEEDS can be sold.**



# CHOICE FLOWER SEEDS

ALL BLOOMING SAME SEASON  
UNLESS OTHERWISE NOTED....

Full Directions for Sowing Flower Seeds Printed on each Packet.

## ABOBRA.

A pretty, climbing perennial with glossy dark green foliage, fruits scarlet, forming beautiful garlands.

*Viridiflora* . . . . . per pkt. 5c

## ABRONIA.

Extremely pretty creeper, with verbena-like heads of sweet-scented flowers. Very effective for hanging baskets. Constant bloomers.

*Umbellata*. Rosy, lilac-white. . . . . per pkt. 5c

## ACROCLINIUM.

An exquisite everlasting, bearing quantities of bright pink and white daisy-like flowers.

*Roseum*. Bright pink. . . . . per pkt. 5c

*Album*. Pure white. . . . . per pkt. 5c

*Roseum fl. pl.* Flowers very double and larger than single sorts; beautiful. . . . . per pkt. 10c

## ADONIS.

Showy border flowers, with pretty, fine cut foliage; hardy annual, very lasting.

*Vernalis*. Scarlet. . . . . per pkt. 5c

## ADLUMIA.

(*Mountain Fringe, or Allegheny Vine.*)  
Hardy perennial vine, with fern-like foliage of pale green color, flowers freely, but not until second season. Flowers flesh color.

*Adlumia cirrhosa*. Flesh color. . . . . per pkt. 5c.



*Adonis Vernalis.*

**We will send \$1.25 worth of flower seed for every dollar in cash sent us, your selection.**



**AGERATUM.**

A Mexican flower of bush-like appearance, suitable for bedding or pot culture. Annual, and blooms continually.

- Mexicanum.** Blue, 2 ft. . . . . per pkt. 5c
- Tom Thumb.** Blue, dwarf, 6 in . . . . . " 5c

**AMARANTHUS.**

Ornamental foliage, very beautiful in late summer and early autumn. No use for pot plants. Half hardy annual.

- Bicolor Ruber.** Foliage green and red, tipped yellow. . . per pkt. 5c
- Tricolor.** (Joseph's Coat.) Leaves yellow, red and green. " 5c
- Salicifolius.** (Fountain Plant.) Orange, carmine and bronze " 5c

**ALYSSUM, SWEET.**

Constant bloomer, grand for borders. Flowers small bunches of white blooms. Per pkt. 5c.

**AMMOBIUM.**

Everlasting, invaluable for winter bouquets. Flowers annual and very pretty.

- Alatum grandiflorum.** Twice size of common sorts and pure white . . . . . per pkt. 5c



*Ageratum.*

**ANTIRRHINUM. (Snapdragon.)**

A very beautiful border plant, blooms first season from seed. Roots may be carried through the winter by protection.

- Majus.** (Tall.) Growing about 2 ft. high; finest mixed. . . . . per pkt. 5c
- Tom Thumb.** (Dwarf.) Grows to height of 1 ft. Very fine varieties . . . per pkt. 5c

**AQUILEGIA.**

Also known as Columbine. An elegant, free blooming and popular hardy plant, blooming profusely during spring and early summer. Hardy perennial.

- Chrysantha.** Strong grower, height 4 ft. Produces freely all summer. Flowers bright yellow. . . . . per pkt. 10c
- Cerulea.** Flowers large blue and pink " 15c

**ASPARGUS.**

**Plumosa Nana.** Greenhouse climber. Dark green feathery foliage, used by many instead of smilax . . . . . per pkt. 25c



*Aquilegia.*



*Alyssum*

**Young & Halstead's PERFECTION ASTERS.**

This strain of Asters is a great improvement over the ordinary China Asters. The type of this strain resembles the peony flowers. They bloom early, and by successive sowing may be had until frost.

**Our Perfection Asters** grow about 20 inches high, flowers very double, petals incurved, long stems and invaluable for bouquets.

**Our SEEDS are best. We import direct from Europe.**

**PERFECTION ASTERS—Continued.**

**These Asters** have no equal for an autumn display among annual flowers and do best when planted in May instead of earlier, as the blooms mature better when the nights begin to get cooler. We offer the above in eight separate colors.

**Pure White, Light Blue, Pink, Crimson, White and Black-Blue, Dark Red and White, Dark Blue, Dark Blood-Red.** Single pkts. 10c. each. Collection of 8 pkts. 75c. Finest mixed, per pkt. 10c.; 6 pkts. for 50c.

**New White Branching Aster.** An American growing, late blooming Aster. Flowers very large, borne on long, stiff stems. This variety is later than the other Asters, and very profitable to grow for cutting purposes. Keeps well until frost. Single pkt . . . . . 10c., 3 pkts. for 25c

**Snowball Aster.** (White Princess). Beautiful snow-white, for borders or bedding purposes. Very fine for pot culture. Perfectly double, and are highly recommended for cutting . . . . . per pkt. 10c



*Aster.*

**ASTERS.**

**Victoria.** Growing pyramidal in form; flowers very large; globular, beautifully imbricated . . . . . per pkt. 10c

**Victoria Snow White.** Very fine. Per pkt. . . . . 1c

**Improved Dwarf Pyramidal Bouquet.** Plants form bouquet of closely set flowers, 1 ft. high . pkt. 10c



*Balsam.*

**PRIZE BALSAMS.**

Every garden should have our choice selection of Prize Balsams, as our climate is adapted to their growth, being also among the showiest and most popular of our summer annuals. We offer ten varieties in separate colors.

- Scarlet.** Very double fiery scarlet.
- Crimson.** Deep crimson.
- Lilac.** Very delicate lavender.
- Scarlet Mottled.** Scarlet and white.
- Flesh Color.** Very beautiful.
- Solferino.** Satiny white, spotted with lilac and crimson.
- Rose Color.** Rosy pink.
- Lemon.** Superfine.
- Perfection White.** Extra selected seed for florists and private gardeners' use, per pkt . . . . . 15c
- Apple Blossom** . . . . . per pkt. 10c
- Finest Mixed,** per pkt. 10c.; 6 pkts. for 50c
- Price per pkt. 10c.; 1 paper each 10 colors, 80c**

**ORNAMENTAL FOLIAGE BEETS.**

Very beautiful foliage plants. Leaves over three feet in length. Frost does not kill the leaves, but makes them all the brighter. **Scarlet Ribbed Chilian.** Strong growing variety, leaves more than 3 ft. in length, with midrib being a bright scarlet, per pkt. 5c

- Yellow Ribbed Chilian.** Similar to above, variegated, with yellow midrib.
- Crimson Veined Brazilian.** The colors of Brazilian beets are positive and distinct.
- Golden Veined Brazilian.** Golden-yellow markings.
- Scarlet Veined Brazilian.** Deep crimson, with scarlet markings. Distinct any showy.
- Any of five above varieties, per pkt. 5c.

**Buy from us and save money. Collection prices count just the same as single packet prices in our special offer.**

**BALLOON VINE.**

A handsome climber. Seeds pods in shape of small balloon, from which this vine obtains its name.

*Cardiospermum Halicacabum* . . . . . per pkt. 5c

**BELLIS PERENNIS.**

(*Double English Daisy.*)

Flowers from April till June.

**Double White.** Pure snowy white, per pkt. 10c

**Longfellow.** Double Daisy, large flowers, mottled with dark pink . . . . . per pkt. 20c

**BEGONIAS.**

**Double Tuberos Rooted** are among the handsomest of the summer flowering bulbs. Flowers very choice and many shades of color, yellow to salmon and many shades of scarlet. Tubers may be preserved from year to year same as dahlia tubers. We offer only choicest strain which will produce a large portion of double flowers.

Per pkt. . . . . 40c

**Single Tuberos Rooted.** Finest mixed.

Per pkt. . . . . 25c

**Vernon.** One of the best for bedding purposes. Foliage very effective, being dark green and changing to deep red as plant grows older. Seed sown early will produce blooming plants that will bloom until killed by frost . . . . . per pkt. 15c



*Begonia Tuberos Rooted Double.*

**BRACHYCOME IBERIDIFOLIA.**

(*Stoan River Daisy.*)

A very beautiful annual, growing 6 to 8 inches high, covered all summer with blue and white flowers, grows freely in good rich soil.

**A Half Hardy Annual.** Blue . . per pkt. 5c

“ “ White . “ 5c

“ “ Finest mixed “ 5c

**CACALIA** (*Tassel Flower.*)

A beautiful and profuse flowering plant, of easy culture, blooms all summer.

**Cacalia.** Finest mixed . . . . . per pkt. 5c

**CALCEOLARIA.**

Splendid for greenhouse decorations, forming dense masses of pocket-like flowers.

**Calceolaria Hybrida.** All varieties of this large selected strain, mixed . . per pkt. 25c

**CANARY BIRD FLOWER.**

A very pretty climber, free bloomer, with yellow fringe.

**Canary Bird Flower** . . . . . per pkt. 10c

**CANTERBURY BELLS.**

**Campanula media calycanthema.** This is the finest of the Campanula plants, white and blue flowers, resemble cup and saucer . . . . . per pkt. 10c

**CAMPANULA CARPATHICA.**

**Hardy Perennial.** Free flowering, blooms whole season, grows to height of 6 inches.

Flowers blue and white, mixed, per pkt. 5c



*Campanula.*

**Special Offer on FLOWER SEEDS.** Flower Seed for \$1.00.

**We offer \$1.50 worth of our Best Our selection of sorts.**

**NEW MARGUERITE CARNATION.**

This beautiful new carnation blooms four months after sowing the seeds. The flowers are very large, ranging in colors, red, white, pink, variegated, etc. No garden complete without these. Per pkt., 10c.

**CARNATION GERMAN.**

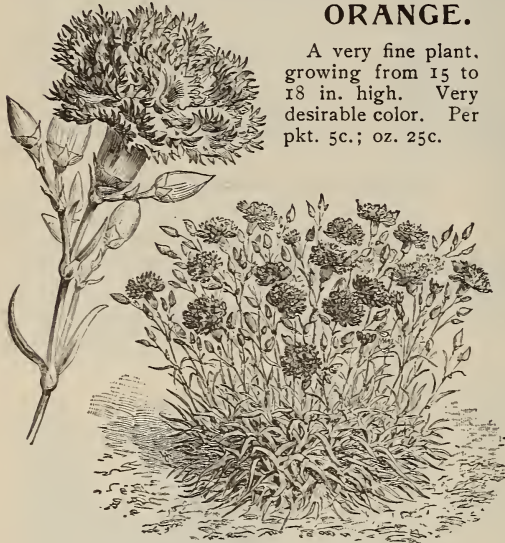
Hardy. Blooms second season. Mixed colors saved from double flowers. Per pkt. 25c.

**CALENDULA METEOR.**

Fine for pot culture. Bearing large, double light yellow flowers, striped with orange. Per pkt. 5c.; oz. 25c.

**CALENDULA PRINCE OF ORANGE.**

A very fine plant, growing from 15 to 18 in. high. Very desirable color. Per pkt. 5c.; oz. 25c.



*Marguerite Carnation.*

**HARDY WHITE CANDYTUFT.**

*(Iberis Sempervirens.)*

Perfectly hardy. During June is covered with mass of snow-white flowers. Per pkt. 10c.

**CASTOR OIL BEAN.**

*(Ricinus.)*

Very appropriate and ornamental for centres of mounds.

**Cambogiensis.** The best for a dark-leaved variety. Growth from 5 to 7 ft., with large, broad, scalloped leaves, with highly polished maroon color. per pkt. 10c

**Sanguineus.** Bright; best. Grows 9 to 10 ft. high. . . . . per pkt. 10c

**Gibsoni.** Dark purple stems and leaves. Per pkt. . . . . 5c

**Borboniensis arboreus.** Large and handsome foliage, growing much taller than the above named sorts. . . . . per pkt. 5c



*Hardy White Candytuft.*

**CANDYTUFT.**

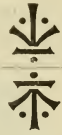
One of the best annuals for beds or borders. We offer it in five different colors.

- Rose Color . . . . . per pkt. 5c
- Dennett's Crimson. Dark . . . . . 5c
- Purple . . . . . " 5c
- White Rocket. Pure white . . . . . 5c
- Carminé . . . . . " 5c
- Fine mixed, all colors . . . . . 5c



*Ricinus.*

**For every dollar sent us, seeds to value of \$1.25 may be selected. Or we will send \$1.50 worth of seed our selection.**



## CANNAS.

(*Indian Shot.*)

We have made arrangements with one of the leading growers and hybridizers of Cannas to save us seed from their best sorts of Cannas for our trade. Cannas are the most popular foliage plants in existence, considering the short time of their introduction. We offer seed only from best selected fancy varieties. The best and newer sorts of Cannas are derived from seed sown in this way. Soak seed in lukewarm water for twenty-four hours before planting.

**Crozy's Large Flowering, Mixed.** Per pkt. 10c.; 4 pkts. for 35c. We also offer seed from four choice named sorts:

**Chas. Henderson.** **Queen Charlotte.**  
**Mme. Crozy.** **Florence Vaughan.**

Each of above sorts, 15c. per pkt.  
 Dark leaved sorts, mixed, pkt. 10c.

## CATCHFLY.

(*Silene.*)

Ornamental free flowering plants, suitable for beds, borders, or ribbon gardening.

**Catchfly.** Finest mixed. . . . . per pkt. 5c

## CENTAUREA.

**Centaurea gymnocarpa.** (*Dusty Miller.*)  
 One of the best silvery plants for ribbon bedding. Grows about one foot high . . . . . per pkt. 10c

**Centaurea Candidissima.** Dwarf variety.  
 with silvery broad cut leaves . per pkt. 10c

## CENTAUREA CINERARIA.

(*Dusty Miller.*)

**Centaurea acanthifolia.** Fine silvery leaved, for use on ribbon lines or borders. . . . . per pkt. 10c

## CINERARIA HYBRIDA GRANDIFLORA.

Very showy greenhouse perennial. All our seeds are imported from Europe. Beautiful masses of flowers.

**Cineraria hybrida.** Choicest mixed per pkt. 25c



*Cineraria.*

**We mail all seeds in packets and ounces, at catalogue prices, FREE, to any post office in United States or Canada.**

**CHRYSANTHEMUMS.**

These, raised from seed, produce often large and selected specimens of new and rare varieties. Extra choice seed.

- Japanese Varieties . . . . . per pkt., 25c
- Chinese Varieties . . . . . " 25c
- Chinese and Japanese Varieties Mixed . . . . . " 25c



*Chrysanthemum.*

**CLARKIA.**

A well-known annual, hardy, very useful for bedding.

- Clarkia. Finest mixed . . . . . per pkt., 5c
- Mrs. Langtry. Snow-white, with crimson centre, " 5c

**COBAEA SCANDENS.**

A very beautiful, rapid-growing, climbing plant, with bell-shaped flowers. Plant seed edgewise. Per pkt., 10c.

**COREOPSIS. (*Calliopsis.*)**

**Coreopsis. (*Calliopsis.*)** Beautiful colors, varying from yellow, orange and red. Will flower in short time after seed is sown. No need of transplanting the plants.

- Finest Mixed . . . . . per pkt. 5c

**Coreopsis lanceolata.** This makes a beautiful bushy plant, bearing golden-yellow blossoms. Flowers about two inches across. Very beautiful perennial. Valuable for cutting and bouquet use. Foliage glossy green . . . . . per pkt. 10c

**COSMOS HYBRIDUS.**

An autumn-flowering plant with foliage similar to the asparagus. If sown early and transplanted, will produce much earlier blooms. Plants will bloom until frost kills them. The plants usually bloom in August, flowers being formed in loose clusters, and very fine for cutting purposes. We offer these in two colors.

- White. Extra large . . . . . per pkt. 10c
- New Large Flowering Pink. A clear, beautiful pink. Flowers superb . per pkt. 10c
- All Colors Mixed . . . . . per pkt. 10c

**CELOSIA PYRAMIDALIS.**

Plumed variety of Cockscomb, fine for cutting in summer. Finest mixed . . per pkt. 10c

**COCKSCOMB.**

**Celosia cristata.** A very desirable showy plant, of lasting qualities, and are coming into favor. Varying in colors.

- Empress. Color bright crimson; superb. The finest strain . . . . . per pkt. 10c



*Cosmos.*

**"OUR SPECIAL FLOWER SEED OFFER"—Select \$1.25 worth of seed for every dollar sent us, or \$1.50 worth our selection.**

**COCKSCOMB—Continued.**

- Japan Cockscomb.** A beautiful branching variety. Branches scarlet and crimson. Combs very beautiful . . . . . per pkt. 5c
- Dwarf Cockscomb.** (*Celosia cristata nana*). Choice varieties, mixed, of the newest and choicest strain . . . . . per pkt. 5c

**CYANUS.**

Commonly known as "Bachelor's Buttons," "Corn Flower," "Ragged Sailor." Excellent for cut flowers, and very ornamental in borders. We offer two new varieties.

**New Dark Blue Corn Flower.** (*Centaurea Cyanus*.)

**Emperor William.** Color intense dark blue. Very fine for cuttings . . . . . per pkt. 5c

**New Double Flowered Corn Flower.** *Centaurea cyanus* fl. pl. Over half of these plants will come true to name from seed. These have semi-double dark blue flowers. Per pkt. 10c.; 3 for . . . . . 25c



*Celosia.*

**CONVOLVULUS.**



*Convolvulus Mauritanicus.*

- Tricolor Crimson-Violet.** Yellow eye, with snowy band of white . . . . . per pkt. 5c.
- Tricolor roseus.** Beautiful pink, with white centres, fringed with purple . . . . . per pkt. 5c.
- Tricolor, Finest Mixed** . . . . . " 5c.
- Mauritanicus.** Beautiful for window boxes. Blue. Blooms very freely. Superfine . . . . . per pkt. 10c.

**CYCLAMEN PERSICUM GIGANTEUM.**

A very beautiful plant for pot culture. If sown early in spring under glass will produce flowering bulbs the first year.

- Cyclamen persicum giganteum album** . . . . . per pkt. 20c.
- Cyclamen persicum giganteum roseum** . . . . . " 20c.

**Cyclamen persicum giganteum.** Finest mixed . . . . . per pkt. 25c

**CYCLANTHERA.**

A half hardy annual climber. Flowers freely. Foliage exquisite. Forming oval-shaped fruit.

**Cyclanthera explodens.** Growing 10 feet high . . . . . per pkt. 5c

**CYPRESS VINE.**

One of the prettiest vines, with fern-like foliage, producing masses of star-shaped flowers. Half hardy annual.

- Cypress Vine, Scarlet** . . . . . per pkt. 5c
- Cypress Vine, White** . . . . . " 5c



*Cyclamen Persicum Giganteum.*

**Directions for sowing on each packet.**

**SINGLE DAHLIAS.**

Single Dahlias, one of the best autumn flowers, very valuable for cut flowers for both home and commercial purposes. Blooms first season if sown early. Tubers may be retained from year to year by keeping in dry sand in cellar. Sow seed in house as early as April 1st. Those having conservatories can sow earlier. New varieties are always produced in this manner, and many have realized large sums of money for a new variety. Seed from very best selected plants. Per pkt. 10c. Six for 50c.



*Dahlias, Single.*

**FRENCH MARGUERITES, or Painted Daisies.**

These are annual Chrysanthemums, but bear no resemblance to the perennial Chrysanthemums. They are very beautiful, being of many different colors and types. For cutting purposes they are unequalled, and make fine pot plants.

- Chrysanthemum venustum.** White, with red centre. Beautiful . . . . . per pkt. 5c
  - Venustum rubrum.** Superb . . . . . " 5c
  - Burridgeanum Improved.** Crimson centre, white . . . . . per pkt. 5c
  - Lord Beaconsfield.** Crimson; maroon edge, striped with gold. Centre of eye dark brown. Very handsome . . . . . per pkt. 5c
  - The Sultan.** Crimson-maroon, with band of gold next to centre. Exquisite . per pkt. 5c.
  - W. E. Gladstone.** Brilliant crimson; one of the best . . . . . per pkt. 5c.
- One pkt. of six, 25c.

Finest Mixed Colors . . . . . per pkt. 5c

**DELPHINIUM FORMOSUM.**

Improved hardy Larkspur, blooms all summer; will not bloom until second year from seed. No garden complete without it . . . . . per pkt. 5c

**DOLICHOS. (Hyacinth Bean.)**

A beautiful, quick growing climber, producing abundant clusters of fine spikes of flowers, followed by very ornamental seed-pods . . . . . per pkt. 5c

**EUPHORBIA. (Snow in the Mountain.)**

This plant's main use is for borders, and is very showy, having dark green foliage margined with a white border . . . . . per pkt. 5c

**EVERLASTINGS.**

We list these under different names. See the following.

**Helichrysum, Acroclinium, Rodanthe, Ammobium, Globe Amaranth, Gypsophila, Xeranthemum.**

**FORGET-ME-NOT. (Myosotis.)**

Bears clusters of blue, star-shaped flowers. Grows in any soil; better adapted to moisture. This is a half hardy perennial. (See illustration, page 43.)

**Myosotis palustris.** Blue flowers, with white and yellow eyes, . . . . . per pkt. 10c

**FOX GLOVE. (Digitalis.)**

Very handsome and ornamental, bearing spikes of large and beautiful flowers of shades of white, pink, yellow and purple. Hardy perennial. **Ivery's New Spotted.** Improved varieties; very beautiful. (See illustration, page 43.)

Finest mixed . . . . . per pkt. 5c

**GOLDEN FEATHER. (Pyrethrum parthenifolium aureum.)**

A dwarf plant growing 6 to 9 in. high, with a golden-yellow foliage. Very ornamental in borders, having compact foliage and very beautiful shape . . . . . per pkt. 5c



*Dolichos Lablab.*



**ESCHSCHOLTZIA. (Single.)**

(California Poppy.)

Very showy and ornamental. Growing about 12 in. high. Blooming from June until frost. Hardy annual. Sow where they can remain.

- Californica.** Sulphur-yellow, with orange centre . . . . . per pkt. 5c
- Rose Cardinal.** Beautiful pink. Very showy . . . . . per pkt. 5c
- Mandarin.** Large flowers of bright scarlet; centre rich orange . . . . . per pkt. 5c



*Myositis.* See page 42.

**GLOXINIA.**

This summer-blooming bulb is very beautiful for pot culture. These bulbs produce fine clusters of bell-shaped flowers, varying in many colors and shades. Tubers may be kept from year to year, same as tuberous rooted Begonias or Dahlias. Seed we offer is from finest specimen selected plants of choicest varieties.

- Hybrida Grandiflora** . . per pkt. 10c

**GILIA.**

A hardy annual. Grows in any soil. Excellent for beds or rockeries. Must be sown where they are to remain.

- Gilia.** Finest mixed dwarf sorts . . . . . per pkt. 5c

**GODETIA.**

A very showy annual of dwarf, compact growth, bearing large flowers of many colors that glisten like satin in the sunlight. (See illustration, page 44.)

- Lady Satin Rose.** Carmine, edge of rosy pink. Surface like satin.
- Bijou.** One foot high, snowy white, with pink spot at base of petal.
- Duchess of Albany.** Very fine white Godetia. Blooms at times four inches across. Exquisite.
- Finest Mixed,** all colors . . . . . per pkt. 5c

Price of above sorts, per pkt. 5c.



*Digitalis.* See page 42.

- Gaillardia hybrida grandiflora.** The largest and most superb species; crimson and yellow . . . . . per pkt. 5c

**GAILLARDIA.**

One of the most showy and brilliant of garden flowers. Fine for cutting and bedding, producing large flowers of rich shades the entire summer.



*Eschscholtzia Mandarin.*

**HYBRID GAILLARDIAS.**

Handsome, showy flowers, blooming in masses from early summer until late in autumn. Fine for cutting. Undivided blooms measure from two to three inches in diameter.

- Aurora Borealis.** Rays of gold, crimson and white . . per pkt. 5c
- Amblyodon.** Beautiful dark red. Elegant . . . . . 5c

**Our seeds are best. We import direct from Europe.**

**HYBRID GAILLARDIAS—Continued.**

- Coccinea. Scarlet . . . . . per pkt. 5c
- Aristata. Gold and scarlet varieties . . . . . “ 5c
- Choicest Perennial, Mixed . . . . . “ 5c

**GAILLARDIA PICTA LORENZIANA.  
(Double.)**

One of the most highly recommended plants for summer-blooming. Flowers of fine, lasting qualities, and very useful for cutting purposes. One of the best . . . . . per pkt. 5c

**GLOBE AMARANTH.**

*Gomphrena globosa*, often called “Bachelor’s Button.” Fine for winter bouquets when dried. Bloom all summer . . per pkt. 5c.



*Godetias.* See page 43.

**Globe Amaranth.** Finest mixed . . . . . per pkt. 5c

**GYPSOPHILA.**

Invaluable for bouquets, both summer and winter use. Flowers very delicate and star-shaped.

**Gypsophila paniculata.**  
White . . . . . per pkt. 5c

**ORNAMENTAL GOURDS.**

These gourds are very ornamental on account of their various styles and shapes.

**Orange.** The mcek orange . . . . . per pkt. 5c  
**Lemon** . . . . . “ 5c

**Japanese Nest Egg.** A fine imitation of a white egg. Very ornamental; climber and nest egg . . . . . per pkt. 5c

**Hercules’ Club.** Long, club shaped . . . . . “ 5c



COPYRIGHTED 1890 BY A. BLANG.

- Pear Shaped.** Cream color. Striped green . . . . . per pkt. 5c
- Bottle.** Useful, beautiful . . per pkt. 5c
- Sipho or Dipper.** Very useful for dippers. Long handles . per pkt. 5c
- Powder Horn.** Shape of powder horn . . . . . per pkt. 5c

One packet of each of above 8 kinds for 30 cents.

**Ornamental Gourds.** Finest mixed . . . . . per pkt. 5c



*Helichrysum.* See page 45.

**Our seeds are very best obtainable, and our prices are low, considering high quality.**

**HOLLYHOCKS.**

The beauty of these plants makes them very valuable for backgrounds, being massive and full of blooms from top of stem to near the ground. They are very showy and ornamental. Size of flowers, from three to four inches across, and many different colors. Seed from the best German strain.

Finest seed from best named varieties . . . per pkt. 10c

**CHATER'S SUPERB HOLLYHOCKS.**

Best selected seed from English production. We offer these in four separate colors:

Rose, Yellow, Scarlet and White . . . per pkt. 15c.

One pkt. of each color, 50c.



*Hollyhocks, Double.*

**HELIOTROPE.**

A half hardy perennial, flowering all summer, with large heads of fragrant blooms. Most desirable flower for bouquets, also a splendid bedding plant.

Heliotrope. Finest mixed . . . per pkt. 10c

**HELICHRYSUM.**

(*Everlasting.*)

One of the best of the everlastings. Grows two feet high, and are superb for winter bouquets. These are easily grown and will grow in any soil. Cut before fully open. (See illustration, page 44.)

Helichrysum. (Fireball.) A fine everlasting; very double. Color bright crimson . . . per pkt. 5c

Monstrosum. Improved large double blooms. Finest mixed . . . per pkt. 5c



*Heliotrope.*

**ICE PLANT.**

A half hardy annual. A very pretty trailing plant. The leaves are covered with crystalline globules, giving the appearance of being covered with ice.

Mesembryanthemum . . . per pkt. 5c

**IPOMOEA.**

This tender annual climber is very attractive when grown with other climbers. Is wondrously brilliant and of graceful form. Some varieties will not succeed out of greenhouse.

*Ipomœa coccinea.* Very rapid grower, vines growing ten feet high. Flowers bright scarlet. Star-shaped . . . per pkt. 10c

*Learii.* (Blue Dawn Flower.) Beautiful, bright blue. Very large . . . per pkt. 15c

*Limbata elegantissima.* Excellent climber, large, in shape of five-pointed star. Purple centre, with white margin . per pkt. 5c



*Ipomœa Learii.*

**We mail all packets, ounces and quarter pounds free at catalogue prices to any part of the United States or Canada.**



Lobelia.

### LARKSPUR.

A very desirable plant for mixed borders.

- Larkspur Dwarf Rocket. One foot high . . . per pkt. 5c
- Emperor. Profuse bloomer, being seldom seen without 100 close erect spikes of flowers. Bushy habit. 1½ ft., per pkt. 5c

### LAVENDER.

Cultivated for delicious fragrance of its flowers. Hardy perennial.

- Lavender spica. Lilac. Two feet . . . . . per pkt. 5c

### LOBELIA.

- Crystal Palace compacta. Blue. The best bedding variety . . . . . per pkt. 10c
- Gracilis. Light blue, best for basket use . . . . . " 5c
- Gracilis alba. White . . . . . " 15c

### LOPHOSPERMUM.

An ornamental climber, with large, handsome flowers, very beautiful for vases.

- Lophospermum scandens. Rosy carmine . . . . . per pkt. 10c.

### LUPINUS.

A well-known species, very showy. Make fine flowers for borders of mixed plants. A hardy annual.

- Lupinus Mixed. Annual sorts . per pkt. 5c

### MARVEL OF PERU.

(Four o'clock.)

An old-fashioned climber which derives its name from the opening of its beautiful funnel-shaped flowers at four-o'clock in the afternoon, remaining open all night.

- Finest Mixed Colors . . . . . per pkt. 10c



Larkspur.

### MAURANDYAS.

Handsome white, pink or purple trumpet-shaped flowers.

- Finest Mixed Colors . . . . . per pkt. 10c

### MARIGOLD.

These very effective half hardy annuals remain in bloom from early summer until late in fall, when destroyed by frost. The Dwarf French used for edging of taller plants.

- Marigold Dwarf French. (See illus. page 47.) One ft. . per pkt. 5c
- Tall African. Fine in large beds. Two ft. . . . . " 5c
- Taget's signata pumila. Bright, yellow with reddish brown stripe through centre . . . . . per pkt. 5c
- Eldorado. Best of all flowers. Globular and very double. Resembling the double Dahlia. Of very large size. Rich golden-yellow, and deep, intense glowing orange . . . . . per pkt. 5c



Marigold.

**"OUR SPECIAL FLOWER SEED OFFER"—Select \$1.25 worth of seed for every dollar sent us.**

**MIGNONETTE.**

A well known fragrant favorite, which produces a pleasing contrast to the more showy occupants of the garden. If well thinned out the plants will grow strong and produce large spikes of flowers.



*Mignonette.*

**Mammoth hybrid spiral.** Bearing twice as many flowers as the common kind. Claimed by florists to be best for cultivation. Per pkt. 5c.; 6 for 25c.; oz. . . . . 30c

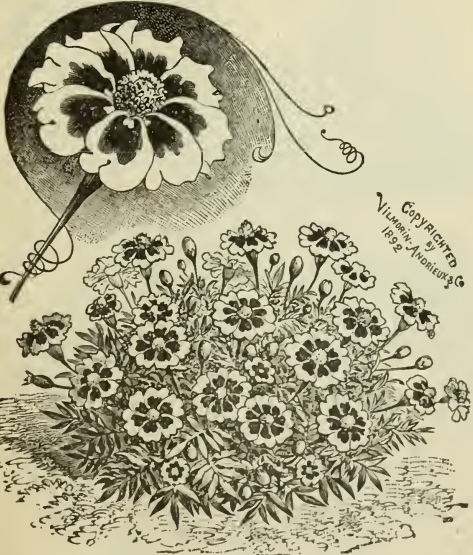
**Golden Queen.** Very distinct. Flowers a mass of golden-yellow. Per pkt. 5c.; 6 pkts. 25c.; oz. . . . . 30c

**Machet.** Dwarf and vigorous. Of pyramidal growth. Furnished with thick dark green leaves. Gigantic size. Spikes sweet scented. Flowers red. Very distinct and beautiful. Excellent for pot culture. Per pkt. 10c.; 6 pkts. for 50c.; oz. . 50c

**Reseda odorata.** Common Mignonette. Per pkt. 5c.; oz. 13c.;  $\frac{1}{4}$  lb. 25c.; lb. . . . . 80c



*New Hybrid Moonflower.*



*Marigold, Dwarf French.*

See page 46.

**MIMULUS.**

A tender annual, and very curious, from the fact that when a leaf is touched the leaf closes and droops. From this fact it takes its name of "Sensitive Plant." Per pkt. 5c.

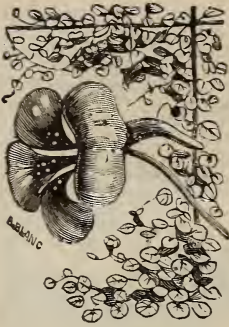
**Tigrinus Hybridus (Monkey Flower)** . . . . . per pkt. 10c

**Moschatus (Musk Plant)** . . per pkt. 10c

**NEW HYBRID MOONFLOWER.**

Flowers much larger than any other variety. Opens in evening, and remains open until the morning sun wilts the blooms. This new and rare species is one of the most interesting to watch during the time of opening, which occurs every evening from four to nine o'clock. Blooms of immense size; very beautiful. Cut off small end and soak seeds over night in luke warm water. Per pkt. 10c.; 4 pkts. for 30c.

**We mail all seed in packets and ounces at Catalogue prices free to any Post Office in the U. S. or Canada.**



*Nasturtium.*

### MORNING GLORY.

*Convolvulus major.* Showy, free blooming climber of quick growth.

Morning Glory mixed . . . . . per pkt. 5c

### NEMOPHILA.

A pretty annual. Hardy. The flowers blue and white. Plant in cool shady place, then you may expect blooms all summer.

Finest mixed . . . . . per pkt. 5c

### NASTURTIUMS, DWARF ENGLISH.

The dwarf varieties are most useful for garden cultivation, and are invaluable for their cutting qualities. Should be grown on poor soil. Flowers in masses of large size.

Beauty. Yellow-vermilion . . . . . per pkt. 5c

Cœrulea rosea. Peach-pink. . . . . " 5c

Crimson. Dark crimson . . . . . " 5c

Crystal Palace Gem. Yellow, spotted mauve . . . . . " 5c

Empress of India. Deep brilliant crimson . . . . . per pkt. 10c ; 6 for 50c.; oz. 30c

Golden King. Golden-yellow, per  
pkt. . . . . 10c.; oz. 20c

King of Tom Thumb. Intense  
scarlet. Foliage bright green, per  
pkt. . . . . 10c.; oz. 20c

King Theodore Foliage dark green.  
Flowers almost black . . . per pkt. 10c

Pearl. Creamy white . . . per pkt. 5c

Rose. Very pretty . per pkt. 10c.; oz. 20c

Scarlet. Brilliant . . per pkt. 5c.; oz. 20c

Spotted. Yellow and crimson per pkt. 5c

Yellow. Golden-yellow . . . per oz. 20c

Ruby King. Foliage dark . . per pkt. 10c

Spotted King. Yellow and chocolate,  
per pkt. . . . . 10c

Ladybird. Rich yellow, veined with  
bright crimson. . per pkt. 10c.; oz. 25c

Full collection of 16 sorts for 75c.  
Otherwise as noted.

Dwarf Nasturtium. Finest mixed.  
Oz. 10c.; ¼ lb. 30c.; lb. 60c.

### TALL NASTURTIUMS.

Grows to height of 10 ft. Fine climber.  
Fine for pickles. Called common tall Nas-  
turtiums.

Finest mixed. Per pkt. 5c.; oz. 15c.; ¼  
lb. 30c.; lb. 50c.



*Nasturtium.*

Directions for sowing on each packet. Special offer \$1.50 worth of  
Flower Seeds for One Dollar our selection.

## LOBB'S CLIMBING NASTURTIUMS.

Tall climbing varieties. Very beautiful. Profusion of flowers.

**Queen Victoria.** Deep scarlet.

**Roi des noirs.** Black-maroon.

**Triomphe de Gand.** Light scarlet.

**Napoleon III.** Golden-yellow, brown spotted.

Above named sorts, per pkt. 10c.; 4 for 30c.

**Finest mixed.** All colors, 10c.

## CHOICEST PANSY SEED.

(*Young & Halstead's Perfection.*)

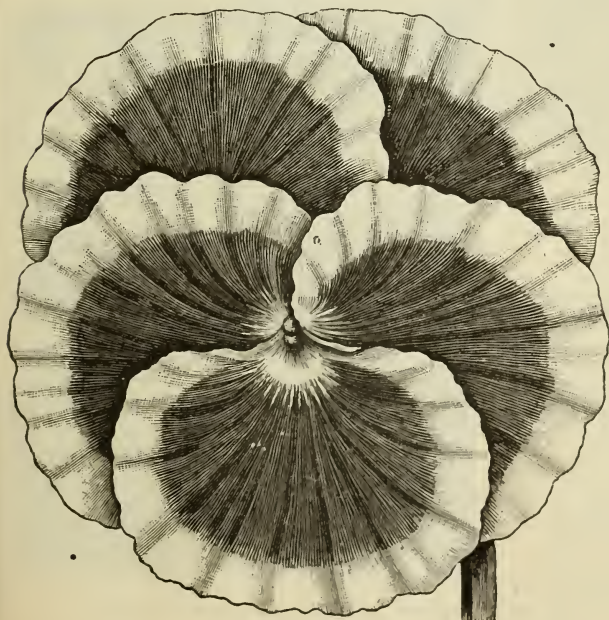
The Pansy is a popular flower, giving abundance of bloom until after severe frost. One of the first to bloom in the spring, but if wanted for late summer blooming, plant in shady places protected from the hot sun. Sow in hotbed or in open ground for spring sowing. If wanted for blooming the following fall, sow in cool place during June or July, and keep well watered. There are over forty varieties of these Perfection Pansies, striped, spotted, bordered and fringed in rich rainbow colors, with rich velvet texture. Per pkt. 20c.; 6 for \$1.00.



*Giant Five, called Ne Plus Ultra.*

## Ne Plus Ultra, or Giant Five-Spotted.

Everyone will be surprised at their rich, brilliant shades. The finest colored and handsomest marked of all the large flowered Pansies. This and the following kinds will make the best collection ever seen. Per pkt. 20c.; 6 for \$1.00.



*Trimardeau.*

## Trimardeau, or Giant Three-Spotted

This class of pansies originated in France, and will give perfect satisfaction. As to their size, there are none larger, and are very highly prized by all lovers of Pansies. Florists after once using these above varieties, claim them far superior for commercial purposes than the smaller varieties. We have the finest strain obtainable. Per pkt. 20c.; 6 for \$1.00.

One package of each three above sorts for 50c.

**Select \$1.25 worth of flower seed for every dollar sent us. Flower Seed only \$1.50 for One Dollar our selection.**



*Sweet Peas.*

**PANSIES—Continued.**

**Bugnot's Superb Pansies.** This splendid choice sort resembles the Lady Washington Geranium. The plants are of sturdy habit, and the flowers loom up above the leaves, which present a beautiful appearance. This is the prettiest Pansy that has come on the market for years . . . . . per pkt. 40c

**Yellow Giant Trimardeau.** Large, bright yellow, with black spots, . . . . . per pkt. 25c

**Faust, or King of the Blacks.** Dark, velvety black. Very fine.

**Emperor William.** Bright blue, with dark purple eye.

**Snow Queen, or Candidissima.** Pure satiny white, with yellow eye.

**Yellow.** Klondike yellow, with black eye.

**Rainbow or striped varietics.** Very beautiful and curious, striped with many colors.

**Light Blue.** Excellent.

**Gold-margined sorts.** Golden edges. Very fine and tasty.

**Shades of Brown.** Very odd and produce a striking appearance.

**Choice Mixed** . . . . . per pkt. 10c

Price of each, except where noted, per pkt. 10c.; 1 pkt. each of 10 sorts, \$1.00.

**SWEET PEAS—New.**

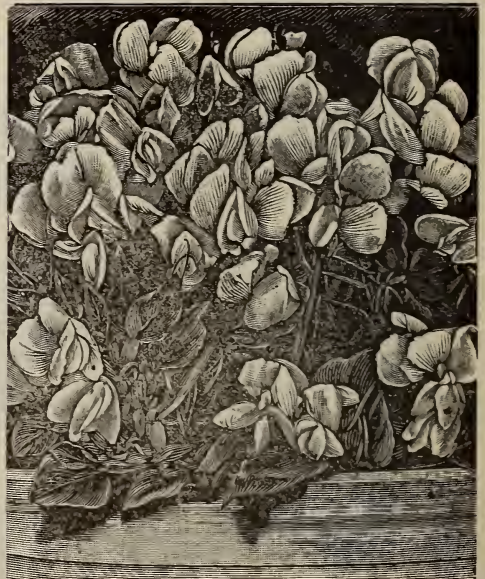
**Cupid. New Dwarf Sweet Pea.**

Grows but five or six inches high, but is literally covered with pure white blooms. This plant grows upright and has no tendency to climb. It is a free bloomer, and begins to bloom as early as May, and continues to bloom until frost . . per pkt. 10c.; oz. 25c

**Cupid. New Dwarf Pink.** Similar in growth to White . . per pkt. 10c.; oz. 30c

**Extra Early Blanche Ferry.** An excellent variety for forcing under glass or in open ground. Covered with large pink and white flowers. Blooms two weeks earlier than any other sort. Flowers larger and finer than the Blanche Ferry, which has been very popular until the introduction of this new improved variety . . . per pkt. 10c.; oz. 20c

**Katherine Tracy.** One of the leading novelties. A brilliant pink. This variety originated in this country and is excellent in hot sun. Long stems, beautiful for cutting . . . per pkt. 10c.; oz. 20c



*Sweet Peas, Dwarf Cupid.*

One packet each of four above sorts, 25c.

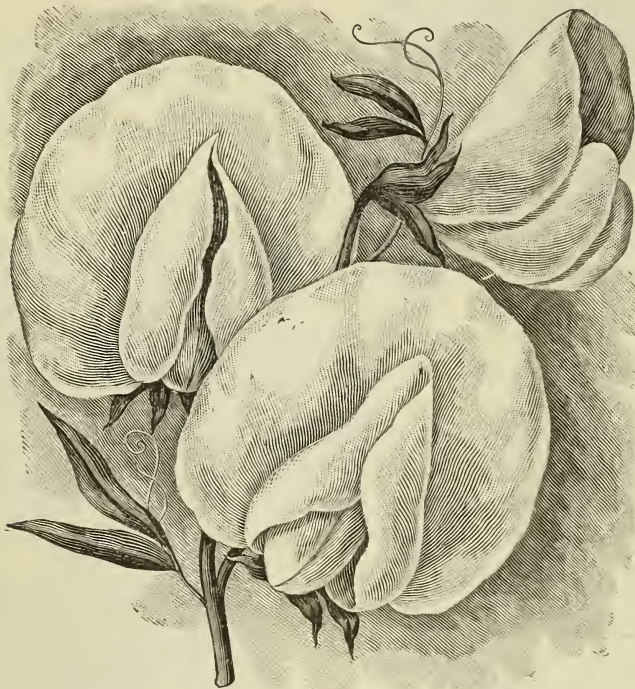
**All seeds are tested before leaving our establishment.**



**SWEET PEAS—Choice.**

- |   |  |
|---|--|
| <p><b>Adonis.</b> Bright carmine-rose.</p> <p><b>Blanche Ferry.</b> An improved Painted Lady.</p> <p><b>Butterfly.</b> White ground, with lavender and blue markings.</p> <p><b>Black.</b> Very dark purple.</p> <p><b>Crown Princess of Prussia.</b> Blush, excellent.</p> | <p><b>Emily Henderson.</b> Seedling from Blanche Ferry. Fine.</p> <p><b>Painted Lady.</b> Pink and white.</p> <p><b>Scarlet Invincible.</b> Deep scarlet-crimson. very fine.</p> <p><b>White.</b> Very fragrant.</p> |
|---|--|

All above nine sorts, per pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 75c.



*Sweet Pea, Blanche Burpee.*

**SWEET PEAS—Eckford's Hybrids.**

- Gaiety.** Very large; long stems; bright and lively stripes of crimson on white ground . . . . . per pkt. 10c.; oz. 20c
- Blushing Beauty.** Very large, rich, soft, fleshy rose, of very large form. Excellent . . . . . per pkt. 10c.; oz. 20c
- Countess of Radnor.** A very excellent variety of two colors, light and mauve, shading to lilac . . . . . per pkt. 10c.; oz. 20c
- Apple Blossoms.** Large, beautiful; wings white, shaded lilac, standards bright pink . . . . . per pkt. 10c.; oz. 20c
- Indigo King.** Dark maroon-purple, with dark blue wings . . . . . per pkt. 10c.; per oz. 20c
- Blanche Burpee.** Newest and best of all the white sweet peas. Flowers pure white and of immense size. Profuse bloomer, very hardy; long stems . . . . . per pkt. 10c.; per oz. 25c

**REMEMBER** we have best assortment of Sweet Peas of **BEST** quality.

**SWEET PEAS—Continued.**

**Fire Fly.** Best of all scarlet varieties. Fiery; a brilliant, glowing crimson. .per pkt. 10c.; oz. 20c  
**Boreaton.** Very rich maroon. Beautiful habit; profuse bloomer . . per pkt. 5c.; oz. 10c.; ¼ lb. 25c



*Eckford's Hybrid.*

**Splendor.** Dark pink, shaded crimson.  
 Very large, per pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. . . . . 75c

**Princess of Wales.** Beautiful. White, shaded and striped with mauve; per pkt. 5c.; oz. 10c. ¼ lb. 25c.; lb. . . . . 75c

**The Queen.** Light rosy pink, contrasting with mauve wings, per pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. . . . . 75c

**Imperial Blue.** Rich purple-crimson, with wings of light blue, per pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. . . . . 75c

**Eckford's Hybrids, Finest Mixed,** per pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. . . . 75c

**Double Mixed Sweet Peas.** Excellent semi-double, per pkt. 5c.; oz. 10c.; ¼ lb. 40c.; lb. . . . . 75c

**Newport Sweet Peas, Finest Mixed,** per pkt. 5c.; oz. 10c.; ¼ lb. 15c.; lb. 50c

**Duchess of Edinburgh.** Scarlet, merging into rose. Very beautiful white wings. per pkt. 5c.; oz. . . . . 10c

**Her Majesty.** Clear deep rose . . . . . per pkt. 10c.; oz. 20c.; ¼ lb. 45c.; lb. \$1

**Orange Prince.** Rose-colored wings and orange-colored standards . . . . . per pkt. 5c.; oz. 10c

**Cardinal.** Bright scarlet-crimson. Elegant . . . . . per pkt. 5c.; oz. 15c

**Isa Eckford.** Rosy pink, shading to carmine . . . . . per pkt. 10c

**Mrs. Gladstone.** Delicate blush-pink. Flowers large; beautiful, per pkt. 10c.; oz. 20c

**PERENNIAL PEAS.**

**Lathyrus latifolius albus.** Hardy white Sweet Pea. Beautiful climber and bloomer. Sow where they can remain . . . . . per pkt. 10c

**Lathyrus latifolius.** Scarlet . . per pkt. 10c

**Finest mixed** . . . . . per pkt. 5c

**PETUNIAS.**

One of the most showy flowering plants ever sown in the garden. We offer these only in very finest and best strains of the newest varieties.

**Grandiflora fimbriata.** (Single fringed.) Flowers of magnificent size. These are very showy and we highly recommend their sowing. These are finest mixed, and we know will give the desired satisfaction. .per pkt. 25c.; five pkts. for \$1



*Petunia grandiflora fimbriata, single fringed.*

**Double Fringed Petunias.** This seed is of the best double strain obtainable, and will produce from 30 to 40 per cent. of double flowers, finest fringed . . . . . per pkt. 40c

**Finest Striped and Blotched.** Finest in cultivation except the single fringed. All colors mixed . . . . . per pkt. 10c

**We will send \$1.25 worth of flower seeds for every dollar in cash sent us. Your selection.**

**PHLOX DRUMMONDI.**

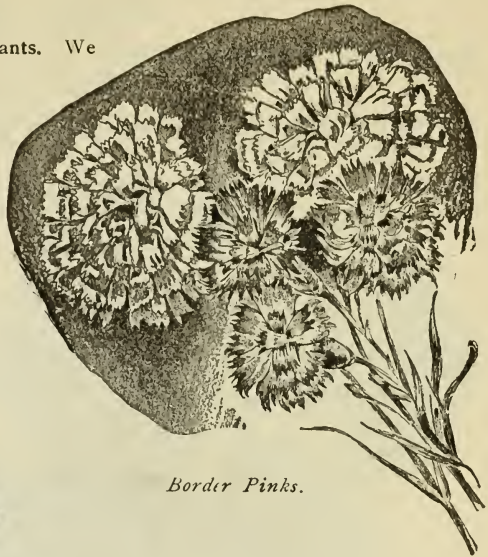
One of the most brilliant tall-blooming plants. We recommend these beautiful flowering plants for bedding.

**Cuspidata.** (Star of Quedlinburg.) Dwarf habit, with very pretty, star-shaped flowers. One of the finest in the Phlox varieties. Beautiful beyond description, per pkt. 10c.; 6 for 50c

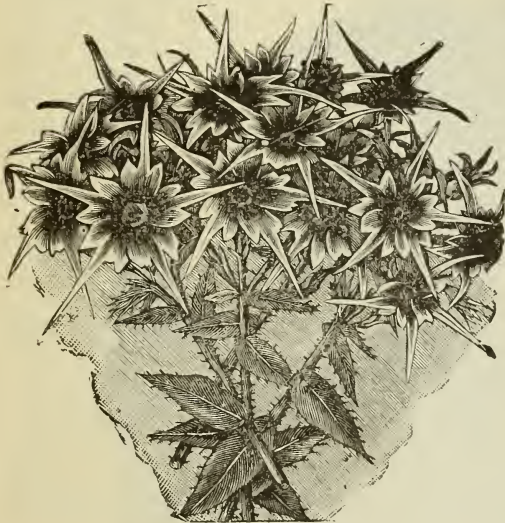
**Phlox Drummondii.** Finest mixed . . . . . per pkt. 5c

**Phlox Drummond Grandiflora.**

**Splendens.** Large flowers, vivid crimson, with white centre. One of the best . . . . . per pkt. 10c



*Border Pinks.*



*Phlox grandiflora.*

**Phlox.**

- Alba.** Pure white . . . . . per pkt. 10c
- Coccinea.** Scarlet . . . . . per pkt. 10c
- Carminia alba oculata.** Rose, dark, with white eye . . per pkt. 10c
- Atro-purpurea.** Purple . . . per pkt. 10c
- Kermesina striata.** Crimson and white . . . . . per pkt. 10c
- Finest Mixed.** Colors all finest mixed . . . . . per pkt. 10c.; oz. \$1

**PINKS—Summer Garden.**

(*Dianthus.*)

**Heddewigi.** Single large flowers. finest marked . . . . . per pkt. 10c

- Diadematus, fl. pl.** (Double Diadema Pink.) Rose, maroon and purple; superb, per pkt. 10c
- Chinensis, fl. pl.** (Double China Pink.) Blooms two seasons. Fine colors. . per pkt. 5c
- Eastern Queen.** Rich mauve on pale surface. Very beautiful . . . . . per pkt. 10
- Crimson Belle.** Crimson colored flowers. Flowers very large . . . . . per pkt. 10c
- Finest Mixed.** . . . . . per pkt. 10c



*Dianthus.*

**POPPIES—Single.**

**Papaver nudicauli.** (Iceland Poppies.) Satin-like flowers. Bloom from June to October. Flowers hardy. Flowers the first season . . . . . per pkt. 10c

**Our SEEDS are best. We import direct from Europe.**

**POPPIES—Continued.**

**Bright yellow, pure white, orange** . . . . . per pkt. 10c.; 3 pkts. for 25c  
All colors, per pkt. 10c.

**Papaver umbrosum.** Dwarf. Beautiful single Poppy. A bright crimson, with black spots.  
Very pretty. Height 18 in. . . . . per pkt. 5c

**Papaver Danebrog.** Flowers bright scarlet, marked with silvery white spot on each petal.  
Very desirable and showy. A fine companion for the above Umbrosum. Very beautiful.  
One of the showiest of the Poppies . . . . . per pkt. 5c

**Shirley Poppies.**

These are generally single or semi-double. Colors from pure white through the most delicate shades of light pink, rose and carmine to the darkest crimson. It is a hard matter to find two alike. Many are beautifully edged and striped. Per pkt. 10c.

**Double Garden Poppies.**

These Poppies grow about 2 ft. high, with very large flowers of the most beautiful shades of color, and very ornamental for the garden. We offer them in

**White, Light Purple, Pink, Scarlet and White, Dark Scarlet on velvety ground,  
Fiery Scarlet.**

Any color, per pkt. 5c.; collection of 6 sorts for 25c.

**Finest Mixed.** All colors in one packet . . . . . per pkt. 5c

**Mikado.** Double-ringed Poppy. White. Edges of bright crimson-scarlet . . . . . per pkt. 5c

**Oriental.** Dark brilliant scarlet . . . . . per pkt. 10c

**Buy from us and save money.**

**POPPIES—Continued.**

**Oriental Hybrid.** These new hybrids produce many new colors that will be appreciated, including white, blood red, blotched, black, glowing scarlet, etc. . . . . per pkt. 15c.

**Tulip Poppy.** (*Papaver glaucum.*) An elegant variety, growing about 15 in. high, bearing immense quantities of bright scarlet flowers. Tulip-shaped. Early bloomers . . . per pkt. 10c



— — — — — *Primula, Double.*

**PRIMULA SINENSIS.**

Beautiful for winter decorations in conservatory, or window decorations. Bloom constantly through the winter. Seeds offered are of the finest and best selected plants. Sow in March or April.

**Fimbriata rubra.** Dark red, extra fine, superb . . . . . per pkt. 20c

**Fimbriata alba.** Pure white, very fine, per pkt . . . . . 25c

**Choicest Mixed,** per pkt. 25c

**PORTULACA.**

These beautiful annuals are of easy culture. Give better satisfaction in bright, sunny places. They bloom in great profusion. These are beautiful for small beds.

**Alba.** Pure white.

**Rosea.** Bright pink.

**Theilssonii.** Intense scarlet.

**Aurea.** Deep golden-yellow.

**Splendens.** Beautiful crimson.

**Thorboni.** Beautiful straw color.

Price of above sorts, each sort per pkt. 5c. One each of six colors, 25c.

**Double.** Finest mixed. Will only produce partly double flowers . . . . . per pkt. 10c



*Portulaca.*

**RHODANTHE.**

Everlasting, very beautiful for winter bouquets. Fine for bedding.

**Maculata.** Rosy purple, crimson centre.

**Maculata alba.** Pure white, yellow disc.

**Prince Bismarck.** Double pink.

**Atrosanguinea.** Dark purple-crimson.

Per pkt., each of above sorts, 10c.; one each, 4 sorts, 30c.



*Rhodanthe.*

**Special offer on FLOWER SEEDS only.**

### SALVIA SPLENDENS.



*Salvia splendens.*

Commonly called Scarlet Sage. Grows freely in rich soil. Plants grow from 2 to 3 ft. high. Start plants early. Set out after weather is warm. Plants covered till frost with bright scarlet flowers. Very beautiful.

*Salvia splendens.* Bright scarlet . . . . . per pkt. 10c

### SCABIOSA.

**Mourning Bride.** Very beautiful for border plant. Producing great quantities of flowers of various colors. Invaluable for vase use. Colors of white, carmine, maroon, lilac, etc. . . . . per pkt. 5c

**Scabiosa nana, fl. pl.** Twelve inches high . . . . . per pkt. 5c

### STOCKS.

**Ten Weeks.** Very fragrant. Large spikes of beautiful colors . . per pkt. 5c

**Large Flowered Dwarf Pyramid.** Best for cultivation . . . per pkt. 10c

**Snowflake.** Extraordinarily large, and very double. The flowers are snow-white. Foliage of dark green; gives it a grand appearance. No garden is complete without these varieties . . . per pkt. 15c; 2 for 25c



*Stocks.*

### SWEET WILLIAM.

Very desirable, hardy perennial.

**Auriculata Flowered.** Produces large trusses of flowers. Very beautiful. Eighteen inches high . . . per pkt. 10c.

**Double flowering.** Mixed. One and one-half feet, per pkt. . . . . 10c



**For every dollar sent us seeds to the value of \$1.25 may be selected.**

**SOLANUM.**

**Capsicastrum** (or Jerusalem Cherry). Very pretty tree, covered with bright scarlet berries. Very beautiful for house decoration or greenhouse culture. One of the leading plants of fashion . . . per pkt. 5c.

**SUNFLOWER.**

**Helianthus Californicus.** Very large and double. Five feet . . . per pkt. 5c

**Mammoth Russian.** Ten to twelve feet, per pkt. 5c.; oz. . . . . 10c

**Globosus Fistulosus.** Best of all. Six feet. Very large and double . . . per pkt. 5c

**SMILAX.**

**Myrsiphyllum Asparagoides.** A favorite green, used for decorative purposes and for greenhouse culture. Very desirable for bouquets, per pkt. 10c.; oz. . . . . 50c



*Solanum.*

**TORENIA.**

Beautiful and desirable for the use of hanging baskets or vase work. Flowers light blue, with three dark blue spots. Bright yellow throat. Free bloomer.

**Torenia Fournieri** . . . . . per pkt. 15c

**THUNBERGIA.**

Handsome climber, grows from 4 to 6 ft., producing masses of bloom during the summer. Flowers pale buff, white and orange, with very dark throat. Leaves resemble a spade. Very odd.

**Finest Mixed.** . . . . . per pkt. 5c

**VINCA.**

Beautiful vines for window boxes or vase work. (See illustration, page 58.)

**Alba.** Pure white. **Rosea.** Pink, dark centre. **Oculata.** White, crimson centre.

Per pkt. 10c.; three sorts, one pkt. each, 25c.



*Sunflower.*

**VERBENAS.**

Mammoth flowered and vastly improved varieties. These are far superior to the old varieties. (See illustration, page 58.)

**Very Fine Mixed** . . . . . per pkt. 10c

**Hybrida, Finest Mixed.** All colors from best named sorts . . . . . per pkt. 10c

**Hybrida Scarlet.** Bright scarlet. . . . . per pkt. 10c

**Hybrida Dark Blue.** Best dark blue variety. . . . . per pkt. 10c

**Hybrida White.** Pure white. . . . . per pkt. 10c

**WALLFLOWER.**

Very fragrant and very fine, greatly prized.

**Finest Mixed.** All varieties. . . . . per pkt. 10c



*Smilax.*

**We mail all seeds in packets and ounces, at catalogue prices, FREE to any post office in United States or Canada.**



*Vinca.* See page 57.

- Pompon Zinnia.** Flowers one-half size of other Zinnias. Very double. Vivid colors. Superb . . . . . per pkt. 10c
- Zebra Double Striped.** Over one-half flowers of this strain will be striped. Very beautiful . . . . . per pkt. 10c



*Zinnias.*

### ZINNIAS.

These flowers are of immense size, perfect in form and many varieties of color. They range from pure white, through buffs to clear yellow.

**Double Tom Thumb.** Compact, dwarf-growing variety. Suitable for borders and small beds. Flowers resembling size and color of Pompon Zinnias . . . . . per pkt. 10c



*Verbenas.* See page 57.

- Mammoth-flowered Zinnia.** Extra large; grows to height of 3 ft.; flowers often measuring 6 in. Very free bloomer . . . . . per pkt. 10c
- Zinnia elegans.** Flowers large. Very beautifully formed. Very handsome. Few plants are more ornamental. . . . . per pkt. 10c
- Finest Mixed.** All colors, per pkt. 5c.; one pkt. of 5 sorts for . . . . . 30c

### XERANTHEMUM.

Beautiful, showy everlasting. Very valuable for winter bouquets. Sow about May 1st in open ground. We offer only **Finest Mixed.** All colors . . per pkt. 5c

**"OUR SPECIAL FLOWER SEED OFFER."** Select \$1.25 worth of seed for every dollar sent us.



YOUNG & HALSTEAD'S

## Emerald Green Lawn Grass Seed.



The best Mixture ever put on a Lawn or  
Tennis Court.

THERE is nothing so beautiful as a well kept lawn. In order to have this, it is necessary that proper grasses should be sown. More disappointment results from inferior seed than from any other cause. Our "**Emerald Green**" is composed of the finest American grasses, in proper proportions of such grasses as are best adapted for a rich emerald green lawn that is so much admired during the season. With our mixture, oats should never be sown. Our **Emerald Green Lawn Seed** will make a lawn quicker than any other. Use scythe for first six months after sowing, in preference to a machine. Top dress lawns with Bone Flour and wood ashes. **For new lawns, use four bushels per acre. One quart will sow 300 square feet.**

Price per qt. 20c.; pk. \$1.00; bu. (14 lbs.), \$3.00;  
measured bu. (20 lbs.), \$4.00.

# GRASS AND CLOVER SEEDS.

**W**E handle immense quantities of all kinds of Grasses. **Timothy and Clover Seeds** are specialties. We cannot quote prices here owing to fluctuation of the markets. Please write for quotations.

**TIMOTHY (Herd Grass).** Spikes cylindrical, glumes hairy on the back tipped with bristle, leaves, long, flat rough root; perennial, grows best on damp, peaty soil; heavy yielder. Weight per bushel, forty-five pounds; quantity per acre, ten quarts.

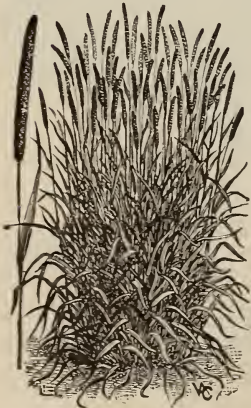
**RED TOP (Herd Grass).** Stems erect, round, smooth and polished, flowers in July; leaves short and linear. This variety is very popular in Pennsylvania and Southern States. Makes fine hay, often sown with Timothy. Weight per bushel, fourteen pounds, two to three bushels per acre.

**FANCY RED TOP.** Same variety as above, no chaff, pure seed; quantity required per acre, twenty quarts.

**BLUE GRASS.** Blue grass shoots its leaves early, but the amount of its foliage is not so large, but possesses a large percentage of nutritive matter. Cows feeding on it produce rich milk and fine butter. Stems bluish green. It makes excellent hay. Cut just as soon as seeds begin to ripen. Fancy cleaned seed, fourteen pounds per bushel: one to one and one-half bushels per acre.



*Red Top (Herd Grass).*



*Timothy.*

**RED CLOVER.** One of the best clovers for agricultural purposes, and is properly regarded as fertilizer of the soil. Clover is emphatically a lime plant and best adapted for tenacious or stiff loams. Very valuable for hay. Sixty pounds per bushel; twenty pounds per acre without Timothy; with Timothy fifteen pounds.

**ALFALFA CLOVER, OR LUZERNE.** This variety of Clover is lasting and being perennial makes it very valuable; retaining its vitality in the soil for years; abundant cropper, fine for cattle, both green and dry. It continues to yield fodder later in the season than Red Clover. Seeds yellow and glossy. Sixty pounds per bushel; per acre fifteen pounds.

**ALSYKE, OR SWEDISH CLOVER.** It continues in the soil for several years; finer than Red Clover in growth. Ten pounds per acre; sixty pounds per bushel.

**WHITE DUTCH CLOVER.** Its stems are spreading and creeping, flower heads small, white, flowers from May to September; roots perennial. The only clover suitable for lawns, and

for pasturage, it is superb. Sixty pounds per bushel; eleven to fifteen pounds per acre.

**GRASS AND CLOVER SEED—Continued.**

**CRIMSON CLOVER.** This variety is very valuable for soiling purposes; produces more abundant growth quicker than any other sort, blossoms long cylindrical in form, color bright crimson. Not so valuable for hay as it is very hard to cure. Sixty pounds per bushel. Half-bushel per acre.

*Perennial Rye.*

**ORCHARD GRASS.** Coarse and tall growing, blossoms earlier than Timothy, about same time as Red Clover, and makes fine mixture, as it can be cut and cured for hay same time as Clover. Invaluable for sowing in shady places. All kinds of stock eat it greedily when green. Fourteen pounds per bushel.

**PERENNIAL RYE.** Better adapted to wet climates than to droughts. Soil and climate change this grass very much. Whenever it is cut for hay it must be cut when in bloom. It lasts six or seven years then dies out. Fourteen pounds per bushel.

**RHODE ISLAND BENT.** Similar in growth to Red Top. Valuable for lawn purposes. Twelve pounds per bushel, two to three bushels per acre.

**WOOD MEADOW GRASS.** (*Poa nemoralis.*) Fourteen pounds to bushel; well adapted for lawns in shady situations. Two bushels to the acre.

**HUNGARIAN.** This seed has been in cultivation for a long period. It flourishes in light, dry soils, but is more luxuriant in heavier soils. Very valuable for fodder; produces seed abundantly. Forty-eight pounds per bushel; half bushel per acre.

**MILLET, GERMAN OR GOLDEN.** Millet is one of the standard crops for cutting and green feeding, much relished by milch cows and other stock, fine also for silo purposes. Millet requires rich soil and yields a very profitable crop. Fifty pounds per bushel; half to three-quarter bushel per acre.

**ABOVE GRASS SEEDS MARKET PRICES.**

# BULB ROOTS

## SUMMER FLOWERING BULBS.

### NEW LARGE FLOWERING DWARF CANNAS.

Nothing can be more effective for grouping on lawns or for large beds in parks, than these ever-blooming Cannas. They commence to flower in a very short time after planting, and are a mass of gorgeous colors until stopped by frost in fall. When grown as pot plants they are beautiful specimens for the porch in summer and continue to bloom all winter if taken into the house or conservatory. At the low price that these showy plants are now offered, no one who has a lawn or yard should be without a bed of these beautiful free-blooming Cannas.

We offer the best and newest varieties in dormant roots.

**Florence Vaughan.** Yellow mottled.

**Queen Charlotte.** Centre bright scarlet, bordered with gold.

**Chas. Henderson.** Crimson-scarlet, dwarf habit, fine.

**Mme. Crozy.** Scarlet, golden edge.

**J. C. Vaughan.** Foliage dark purple, free bloomer, tall.

**Trilby.** Deep lemon-yellow, with beautiful markings.

**Egandale.** Foliage dark maroon, color of truss bright cherry.

Price, 10 cts. each; \$1.25 per doz. Mixed, 10 cts. each; \$1.00 per doz.

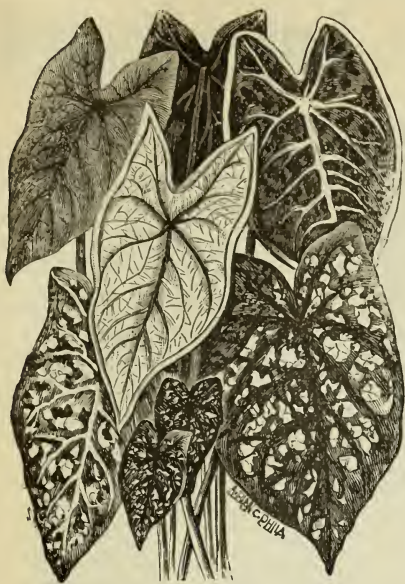


*Florence Vaughan.*

### TUBEROUS-ROOTED BEGONIAS.

Plants of great value for summer decoration or window gardening. They are covered the whole summer with bright and elegant drooping flowers, blooming the first season from seed if sown in February or March in a temperature of 60 degrees. Keep the bulbs in a warm, dry place, in dry sand during winter. These include the loveliest shades of all colors. The individual flowers average from two to three inches in diameter.

We offer both Single and Double in separate colors—white, pink, scarlet, yellow. Price, 15 cts. each; \$1.50 per doz.



*Caladium esculentum.*

## CALADIUM ESCULENTUM.

Commonly called "Elephant's Ears," fine for mounds.

**Extra Sized Bulbs.** Six to nine inches in circumference. Each, 10 cts.; per doz., \$1.00.

**Mammoth Bulbs.** Nine to twelve inches in circumference. Each, 20 cts.; per doz., \$2.00.

## GLADIOLUS.

**Snow White.** Excellent. Each, 20 cts.; per doz., \$2.00.

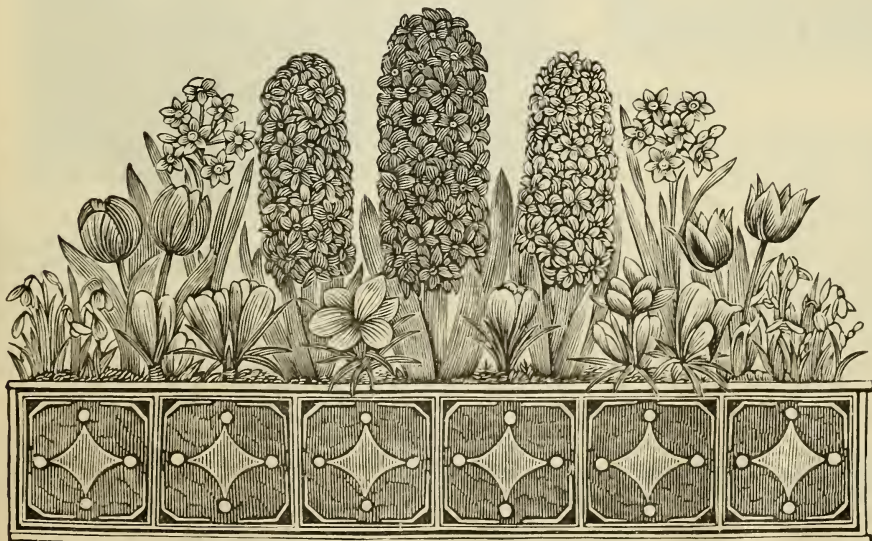
**Pink Shades.** Per doz., 40 cts.

**White and Light.** Per doz., 40 cts.

**Superfine Mixed.** This is a mixture of the very best named varieties, light colors predominating. Per doz., 40 cts.; per 100, \$2.00.

## WINTER FLOWERING BULBS.

We will have on hand about September 1st, winter and spring Flowering Bulbs, for pot culture or fall planting out of doors, for spring flowering. Our catalogue of same will be ready August 1st, which we will mail to our customers free of charge. Write for this catalogue.





# Read's Standard

SUPER PHOSPHATE,

For General Crops as a Medium Priced Fertilizer.

The General Favorite.

We do not hesitate to pronounce this the best general Fertilizer for the price on the market, hence we call it the STANDARD. These fertilizers

are manufactured from best material and are absolutely free from all poor unavailable stuff, put in to "analyze" but without any real plant food value.

### ANALYSIS.

|                                  |                   |
|----------------------------------|-------------------|
| Total Phos. Acid .....           | 9 to 12 per cent. |
| Equal to Bone Phos. of Lime..... | 21 to 27 "        |
| Sol. and Avail. Phos. Acid.....  | 8 to 10 "         |
| Ammonia.....                     | 1 to 2 "          |
| Potash K <sub>2</sub> O.....     | 4 to 6 "          |
| Potash (Sulphate).....           | 8 to 10 "         |



**Complete Manure..**

FOR  
**Corn,  
Tobacco  
AND  
Wheat.**

### ANALYSIS.

|                                  |                    |
|----------------------------------|--------------------|
| Total Phos. Acid.....            | 10 to 12 per cent. |
| Equal to Bone Phos. of Lime..... | 25 to 31 "         |
| Avail. Phos. Acid.....           | 9 to 11 "          |
| Insol. Phos. Acid.....           | 2 to 4 "           |
| Ammonia.....                     | 2 1/2 to 3 1/2 "   |
| Potash K <sub>2</sub> O.....     | 2 to 4 "           |
| Equal to Sulphate Potash....     | 4 to 6 "           |

For twenty years this brand has retained its popularity. Strong and active in its operations, lasting in its effects, we cheerfully recommend it for growing corn, wheat and tobacco.

For heavy "cold" soils, this is just the Fertilizer to use.

Prices of Fertilizer on application.

# Potato Special.

### ANALYSIS.

|                                  |       |          |           |
|----------------------------------|-------|----------|-----------|
| Potash K <sub>2</sub> O.....     | 8     | to 10    | per cent. |
| Equal to Sulphate Potash.....    | 14.85 | to 18.50 | "         |
| Ammonia.....                     | 2     | to 3     | "         |
| Sol. and Avail. Phos. Acid.....  | 6     | to 8     | "         |
| Total Phos. Acid.....            | 7     | to 9     | "         |
| Equal to Bone Phos. of Lime..... | 15    | to 20    | "         |

**Prompt in Acting. Lasting in Effect.**

Examine this analysis and you will see the proportions are correct. Be sure to try it.

# SLUG SHOT.



TRADE MARK.

Destroys insects injurious to **House and Garden Plants, Shrubs, Trees, Vines, Potatoes, Melons, Cabbage, Currants and Vegetables and Fruits** of all kinds.

This preparation, though poisonous to insects, does not injure the foliage, and acts in some measure as a fertilizer to the plants.

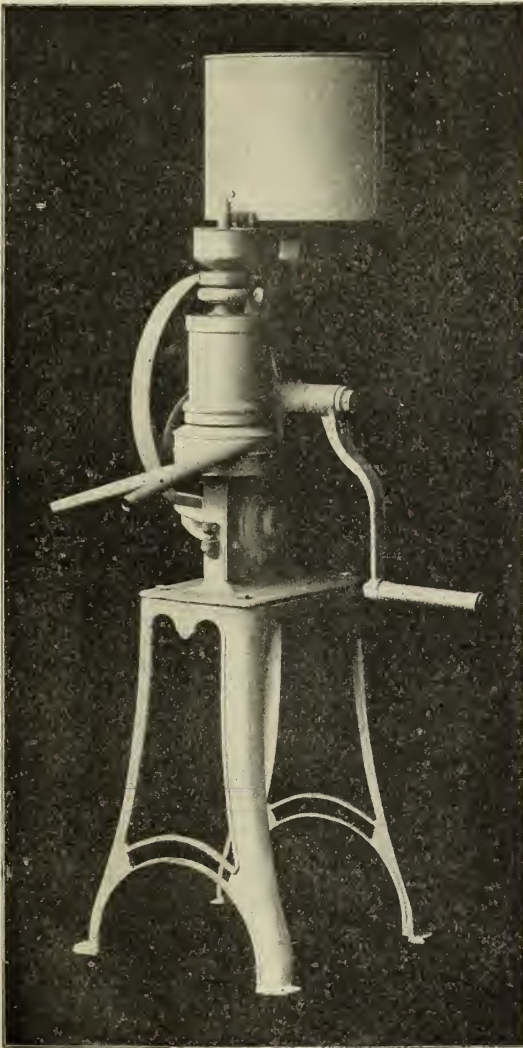
Also destroys **Lice on Fowls, Cattle and Dogs.**

Price, 5-lb package, 25c.

|   |      |
|---|------|
| Beeswax, fine for starting bees to work, per lb. .... | 50c. |
| Bee Boxes, ready for use, per 100 .....               | 50c. |

Ashes, unleached hard wood, price on application.

# The Kneeland Omega Separator.



We believe the Omega has points of real merit that make it superior to any other Separator made. The short spindles at bottom and top of bowl are really axles on which it runs and when once properly adjusted the bowl can not get out of balance. By the construction of the Omega bowl there is overcome what is, in most separators, a cause of considerable trouble—whipping of the cream. The cream from the Omega comes out smooth, not lumpy or frothy, for the reason that it is collected without friction at the centre of the bowl and is discharged at the bottom. It is not disturbed by any grinding or whipping or by the unnecessary application of force to break or churn the cream globules, as in other Separators where cream finds its exit from the top of the bowl. The cream in the Omega is thrown to the centre and passes directly downward and out into the cream can, flowing freely, while the density can be regulated at will. The interior surface of the bowl and the core, which is in two parts, is all there is to wash, except of course the tank and milk and cream spouts.

Some of the advantages of the **Omega Separator** over any other are: Price,

simplicity, ease of cleaning, ease of operation, low down bowl, durability, capacity, lack of vibration, lightness of frame, capacity as rated, low rate of speed, perfect separation, only two parts to clean, improved quality of butter, absence of clogging in bowl, perfect regulation of cream density, smoothness and churnability of cream, clean skimming from start to finish of run, thoroughly and completely cleaned in three to four minutes. can be set in any corner, needing but two feet square of floor space, cream and milk outlet at bottom of bowl. The Omega bristles with good points. Perfect satisfaction guaranteed or no sale expected.

If more complete information is desired, send for our Separator Catalogue.

## PRICE AND CAPACITY.

|                  |          |          |           |                              |          |
|------------------|----------|----------|-----------|------------------------------|----------|
| Omega No. 0 Jr., | Capacity | 260 lbs. | per hour, | without stand and Gear Guard | \$ 65.00 |
| “ “ 1 “          | “        | 260 “    | “ “       | with “ “ “ “                 | 87.50    |
| “ “ 2 “          | “        | 315 “    | “ “       | “ “ “ “                      | 100.00   |
| “ “ 3 “          | “        | 400 “    | “ “       | “ “ “ “                      | 125.00   |
| “ “ 3½ “         | “        | 400 “    | “ “       | “ Large frame “ “            | 137.00   |
| “ “ 4 “          | “        | 600 “    | “ “       | “ “ “ “                      | 150.00   |

## Babcock Milk Tester.



It is a wonderfully compact and simple machine, having a friction gear, making it the easiest and most noiseless running machine on the market.

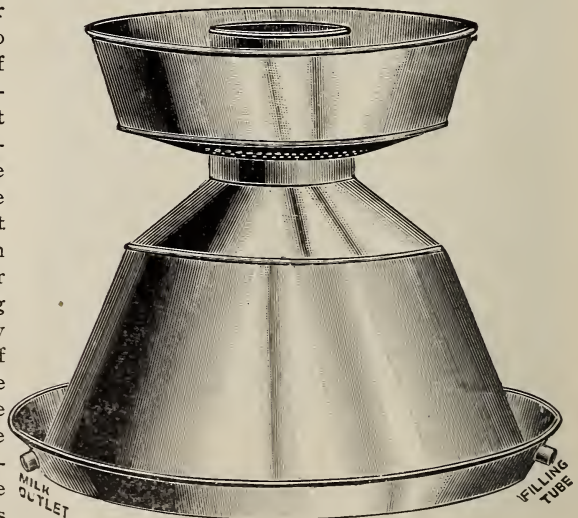
It is designed especially for farmers who wish to test their cows at a very little expense. It is large enough to answer the purpose of any sized dairy and cheap enough for those who keep but a single cow. A test at so low a price that it is within the reach of all. It is an absolute umpire as to the value of a cow for dairy purposes.

With each machine is furnished the necessary glassware and acid for a large number of tests. We sell this machine under a positive guarantee to give accurate results if directions are followed.

- Two-Bottle, Complete.....each, \$3.50
- Four-Bottle, Complete.....each, 4.50

## Perfection Milk Cooler and Aerator.

When in use, the whole inner chamber is filled with water up to the water mark near the top of central tube, thus bringing in contact with the milk, the greatest possible amount of cooling surface. Aeration is perfect, yet the milk cannot be blown off on the ground if set out in the wind. It is low down, being from six to ten inches lower than any other cooler with nearly double the cooling surface. Milk receiver is easily removed, but cannot be tipped off by resting the pail on its edge when pouring in milk. Ice can be renewed without removing the milk receiver. A careful investigation will convince you that the "Perfection" possesses features which makes it the most efficient cooler and aerator on the market.



- No. 1, 12 quarts, 1 to 10 cows..... \$7.00
- " 2, 25 quarts, 10 to 25 cows..... 7.00
- " 3, 32 quarts, 25 to 50 cows..... 8.00
- " 4, 50 quarts, 50 to 75 cows..... 10.00
- " 5, 80 quarts, 75 to 125 cows ..... 14.00
- " 6, 112 quarts, 125 to 200 cows..... 18.00

An agitator for stirring water, a spreader, also cheesecloth strainer, spring pins and corks furnished with each cooler.



## AQUATIC CREAM SEPARATOR

Has a centre can for ice, a centrally depressed bottom, which allows the skim milk to wash out all impurities and leave the clean, pure cream.

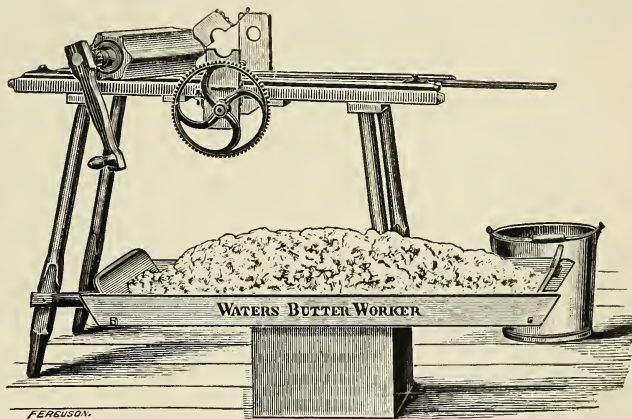
- No. 1, for 1 to 4 cows, 100 lbs. milk per day, \$7.00
- “ 2, for 5 to 7 cows, 200 lbs. milk per day, 9.00
- “ 3, for 8 to 15 cows, 400 lbs. milk per day, 11.00

The above prices are for Separator complete, including Separator Base, strainer holder, etc. Complete directions furnished with each Separator.



## WATERS' BUTTER WORKER.

- No. 1, 30 lbs. capacity, 4 to 8 cows, \$6.50
- “ 2, 40 “ “ 8 to 12 cows, 7.25



## DAVIS SWING CHURN.

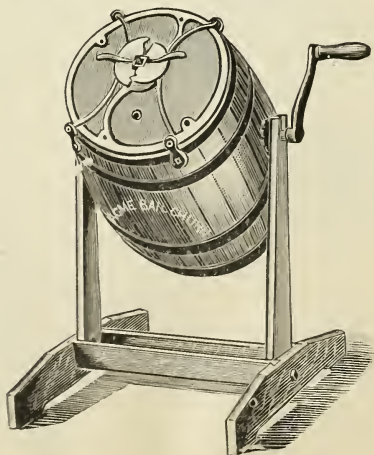
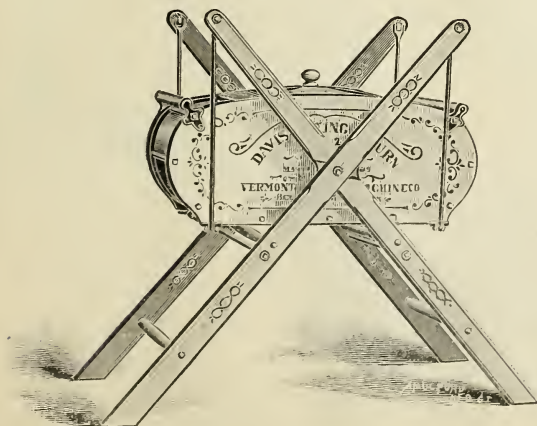
- No. 1 will churn 4 gal. or less. ....\$6.50
- “ 2 “ “ 5 “ “ ..... 7.00
- “ 3 “ “ 8 “ “ ..... 8.50
- “ 4 “ “ 10 “ “ .....10.00

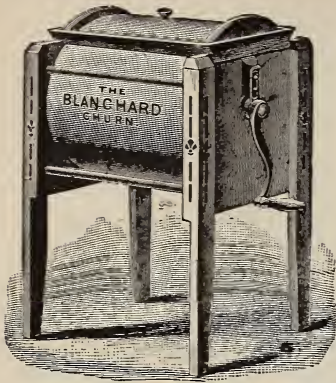
The above prices are for folding frame.

For tilting frame add \$1.00.

## THE ACME BAIL CHURN.

- No. 0 churns from 1 to 2 gallons. ....\$3.50
- “ 1 “ “ 1 to 4 “ ..... 4.00
- “ 2 “ “ 2 to 7 “ ..... 4.50
- “ 3 “ “ 3 to 9 “ ..... 5.00
- “ 4 “ “ 4 to 12 “ ..... 5.50
- “ 5 “ “ 5 to 16 “ ..... 6.50



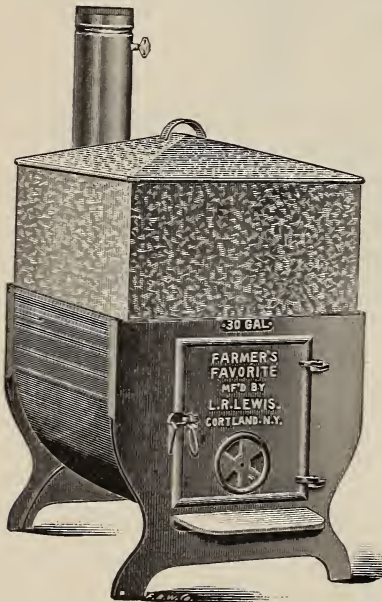
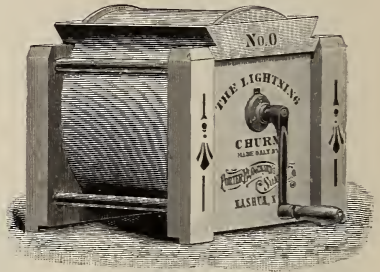


**BLANCHARD CHURN.**

|     |   |         |    |         |    |      |       |     |    |
|-----|---|---------|----|---------|----|------|-------|-----|----|
| No. | 3 | churns, | 2  | gallons | or | less | ..... | \$4 | 50 |
| "   | 4 | "       | 4  | "       | "  | "    | ..... | 5   | 25 |
| "   | 5 | "       | 8  | "       | "  | "    | ..... | 6   | 00 |
| "   | 6 | "       | 12 | "       | "  | "    | ..... | 7   | 50 |
| "   | 7 | "       | 16 | "       | "  | "    | ..... | 9   | 00 |

**LIGHTNING CHURN.**

|     |    |        |   |         |    |      |       |     |    |
|-----|----|--------|---|---------|----|------|-------|-----|----|
| No. | 0, | churns | 2 | gallons | or | less | ..... | \$2 | 00 |
| "   | 1, | "      | 3 | "       | "  | "    | ..... | 2   | 50 |
| "   | 2, | "      | 4 | "       | "  | "    | ..... | 3   | 00 |
| "   | 3, | "      | 5 | "       | "  | "    | ..... | 3   | 50 |



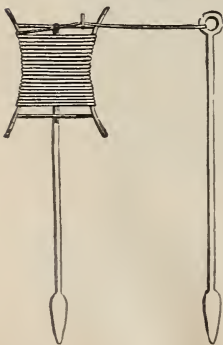
**FARMERS' FAVORITE COOKER.**

The top section, or boiler is made of heavy galvanized steel that will not rust. It is furnished with handles (not shown in cut), and a cover also of galvanized steel. The lower section or furnace, is made with cast iron ends, and the center or body of heavy steel plate. The door is extra large (12½ ins. x 15 ins.), which will allow large chunks and knots to be used.

Every cooker is furnished without extra charge, one elbow and one length of smoke pipe, with damper.

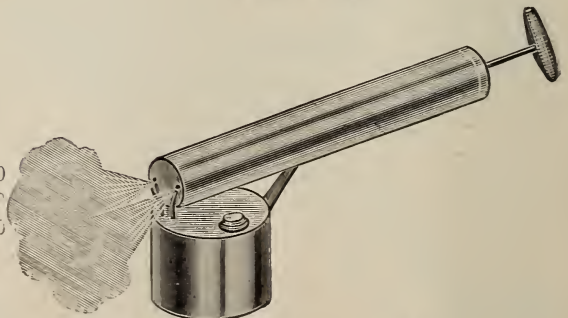
| Capacity. | Size boiler.       | Weight.      | Price.      |
|-----------|--------------------|--------------|-------------|
| 25 gallon | ... 22 x 22 x 12   | ... 135 lbs. | ... \$11 00 |
| 30 "      | ... 22½ x 24 x 13  | ... 145 "    | ... 12 00   |
| 40 "      | ... 22½ x 30 x 14  | ... 160 "    | ... 14 00   |
| 50 "      | ... 22½ x 36 x 14  | ... 175 "    | ... 16 00   |
| 75 "      | ... 22½ x 48 x 16½ | ... 205 "    | ... 19 00   |
| 100 "     | ... 22½ x 60 x 17½ | ... 240 "    | ... 22 00   |

**GARDEN REEL.**



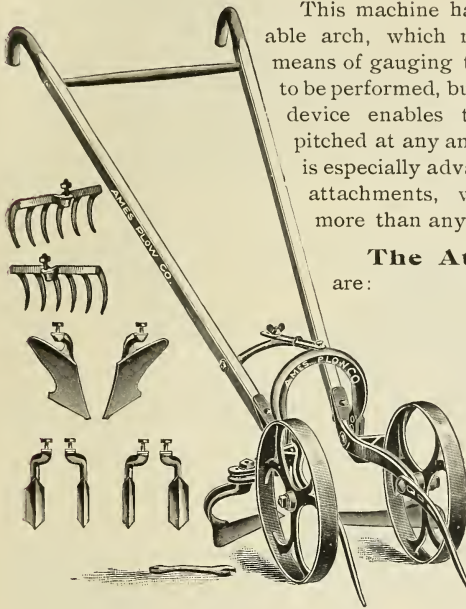
|              |     |
|--------------|-----|
| 20 in. long  | .40 |
| 28 " "       | .60 |
| 00 ft. line, | .50 |

**SPRAYER.**



|             |       |        |
|-------------|-------|--------|
| No. 1, tin  | ..... | \$ .50 |
| " 2, copper | ..... | .75    |

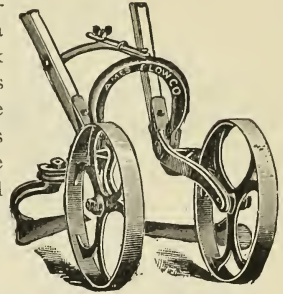
# New Universal Double Wheel Hoe



This machine has a high adjustable arch, which not only forms a means of gauging the depth of work to be performed, but by an ingenious device enables the teeth to be pitched at any angle desired. This is especially advantageous for hoe attachments, which are used more than any other.

**The Attachments**  
are:

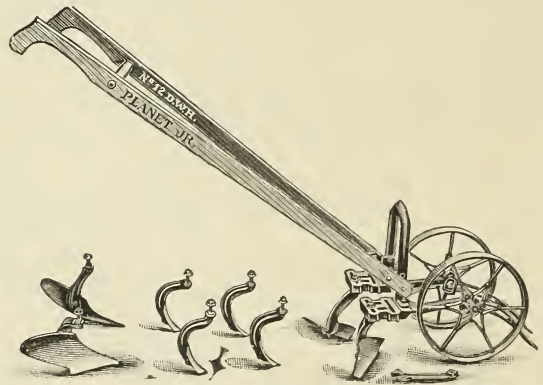
- 1 Pair Hoes,
- 1 Pair Plows,
- 1 Pair Rakes,
- 1 Pair Narrow Cultivators,
- 1 Pair Wide Cultivators,
- 1 Pair Vine Guards.



Complete with all attachments.....\$6.00  
Plain, " Hoe Blades only..... 4.00

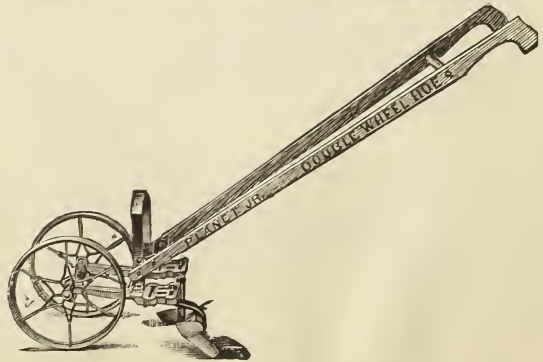
## Planet Jr. Double Wheel Hoes.

Planet Jr. tools are known all over the world and are everywhere recognized as the highest standard of excellence. The double wheel hoe which we offer here combines in one implement all the virtues of the older tools. It has the high steel arch, quick change frame by which the teeth can be changed in a few seconds, without removing the nuts, and the frame is adjustable to height as well as to spread. The complete equipment consists of :

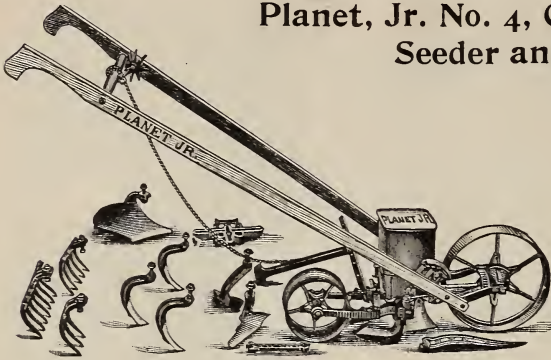


- 1 Pair Curved-Point Hoes,
- 1 Pair Plows,
- 1 Pair Narrow Cultivator Teeth,
- 1 Pair Wide Cultivator Teeth,
- 1 Pair Leaf Guards.

No. 12, complete with all attachments .....\$7.25  
No. 13, plain, with Hoes only... 4.75



### Planet, Jr. No. 4, Combined Hill and Drill Seeder and Wheel Hoe.



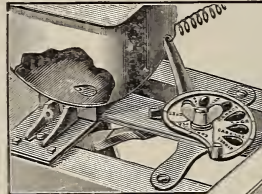
This new tool combines in a single implement a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, a cultivator, a rake and a plow. It sows in a continuous row with perfect uniformity, or drops with accuracy in hills 4, 6, 8, 12 or 24 inches apart.

Price, complete.....\$12 00  
 " drill only..... 8 50

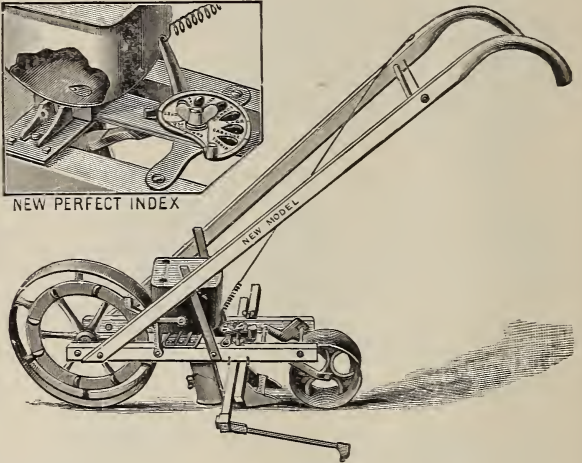
### NEW MODEL DRILL,

Probably this tool is used more generally by market gardeners in New York State than any other make. It is a thoroughly reliable and satisfactory drill.

Price,.....\$7.50.

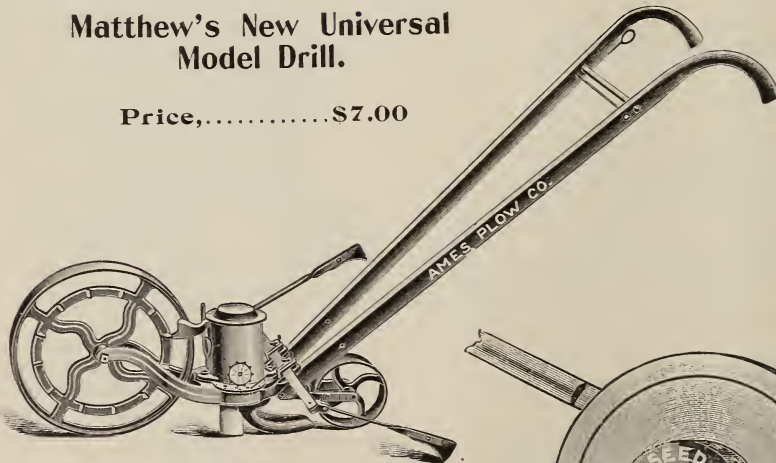


NEW PERFECT INDEX



### Matthew's New Universal Model Drill.

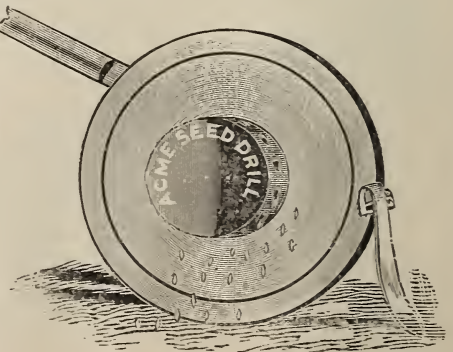
Price,.....\$7.00

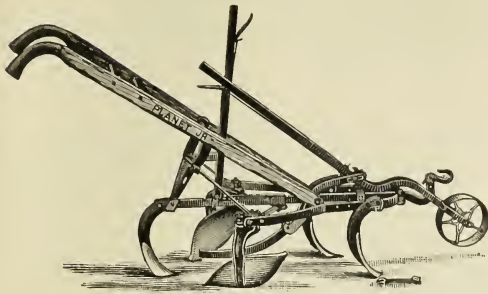


### ACME SEED DRILL.

For small sowings and hot beds. Easily regulated as to quantity to be sown and depth. Will sow a small packet of seeds as well as larger bulks.

Price,.....75 cts.

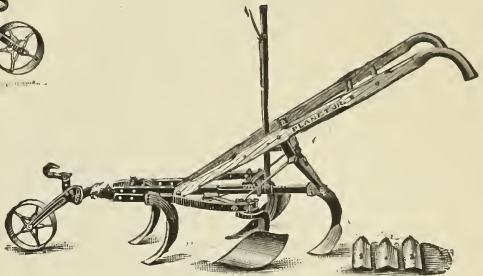




### No. 8 Planet Jr.

HORSE HOE AND CULTIVATOR.

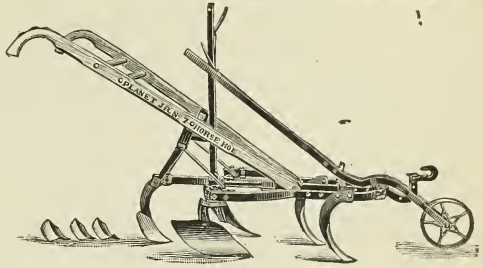
Price, \$10.50.



### No. 9 Planet Jr.

HORSE HOE AND CULTIVATOR.

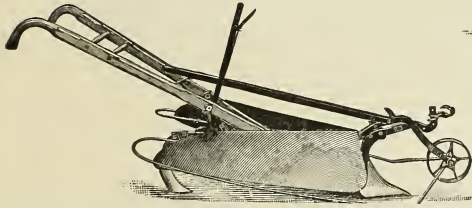
Price, \$9.00.



### No. 7 Planet Jr.

HORSE HOE AND CULTIVATOR.

Price, \$9.75.



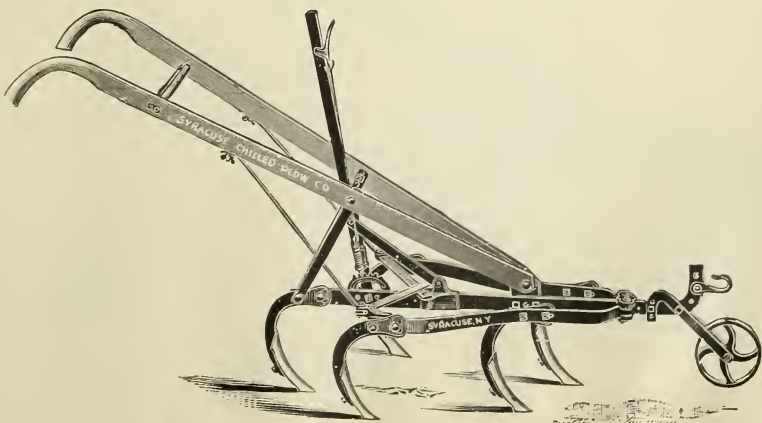
### PLANET JR. DOUBLE CELERY HILLER.

With this tool celery can be hilled without any handling whatever. The leaf lifters are adjustable in height and are especially valuable for first working. The hilling blades are 43 inches long, adjustable in width or height and will work all rows up to four feet apart.

Price, \$14.00.

## Syracuse Horse Hoe and Cultivator.

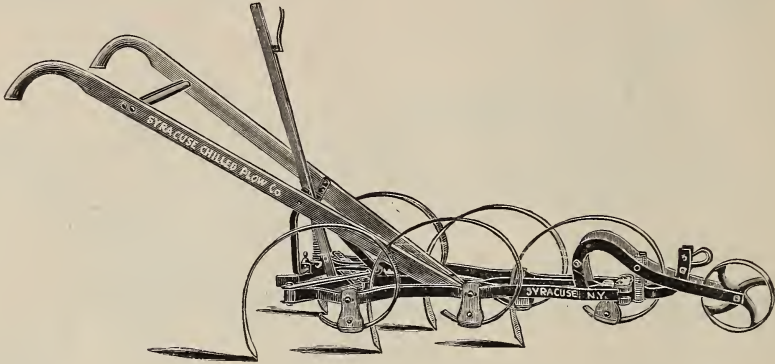
- No. 121, Expanding Lever, 5 points and stationary wheel. . . . . \$4.00
- " 123, " " 5 points, wing points, shovel point and stationary wheel. 5.00



## Syracuse Spring Tooth Cultivator.

Especially adapted for stony ground. Expanding Lever, Five Spring Teeth and Wheel.

Price,..... \$6.00.

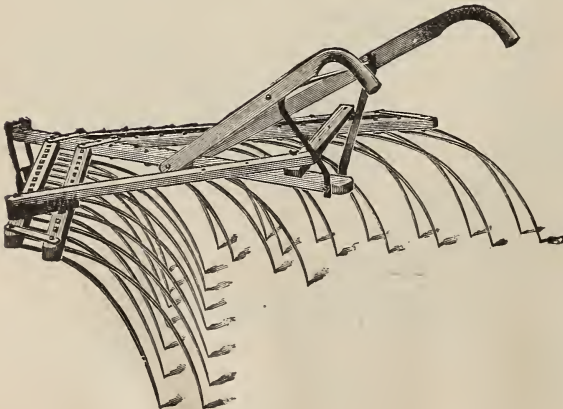
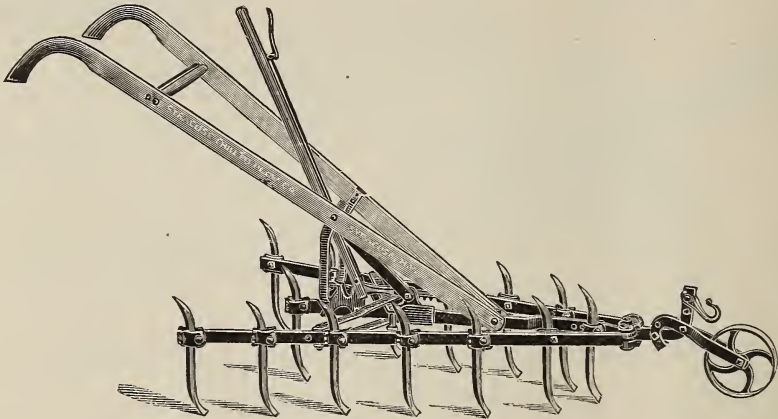


## Syracuse Spike Tooth Cultivator.

Especially adapted for pulverizing the soil and leaving it smooth and level. The teeth are reversible and the pitch can be quickly changed forward or back by loosening one bolt at each tooth.

Expanding lever, fourteen spike teeth and wheel.

Price, \$5.00.



## Keystone Weeder.

Adjustable as to depth and width. Can be expanded from 30 inches wide to 7½ feet.

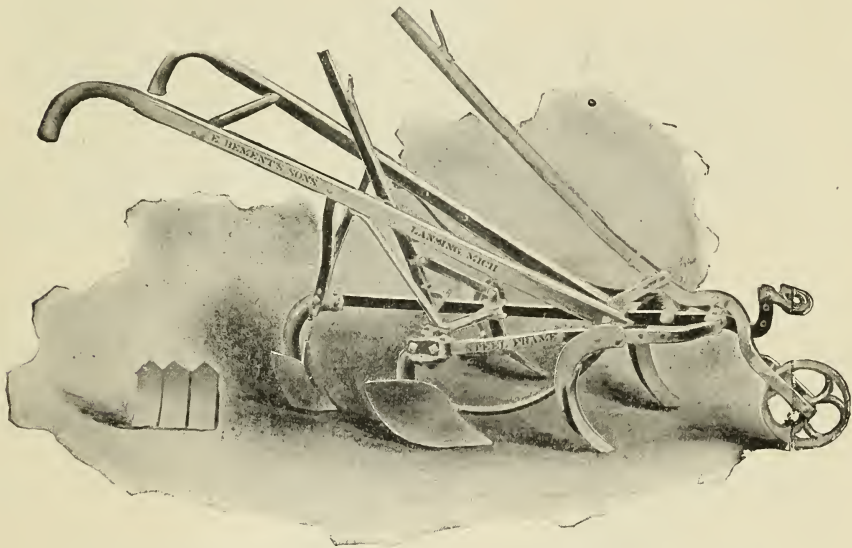
Price,.....\$9.00.

# Rensselaer Horse Hoe and Cultivator.

No. 2.

Wheel lever and depth regulator, expanding lever, 5 cultivator points, wing points and shovel point.

Price.....\$7.00

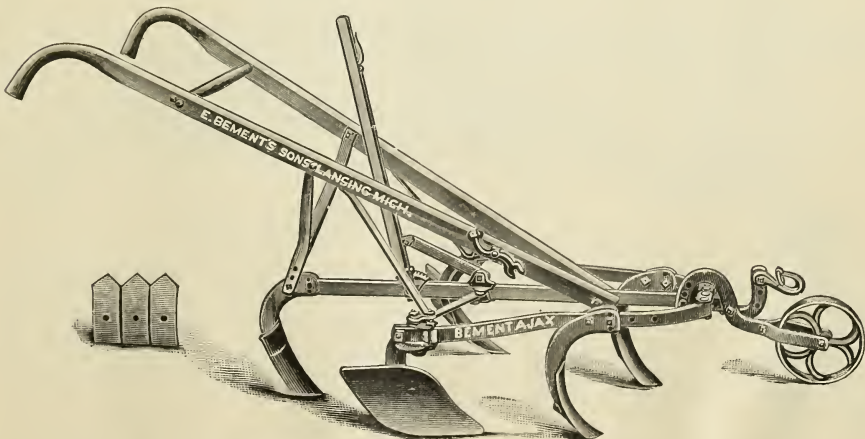


# Rensselaer Horse Hoe and Cultivator.

No. 1.

Expanding lever, 5 cultivator points, wing points and shovel point.

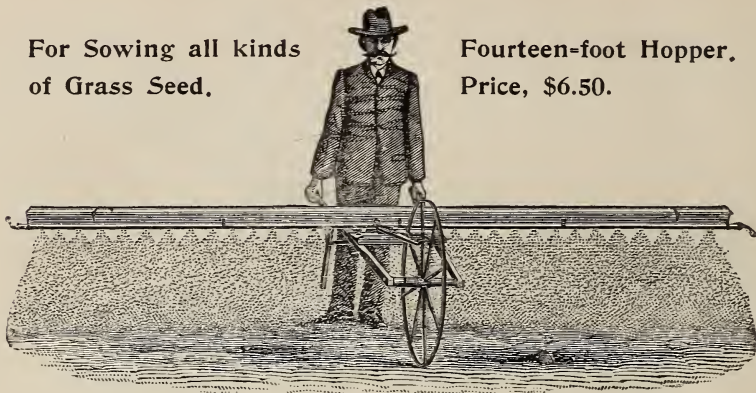
Price.....\$6.00.



## Thompson's Wheelbarrow Seeder.

For Sowing all kinds  
of Grass Seed.

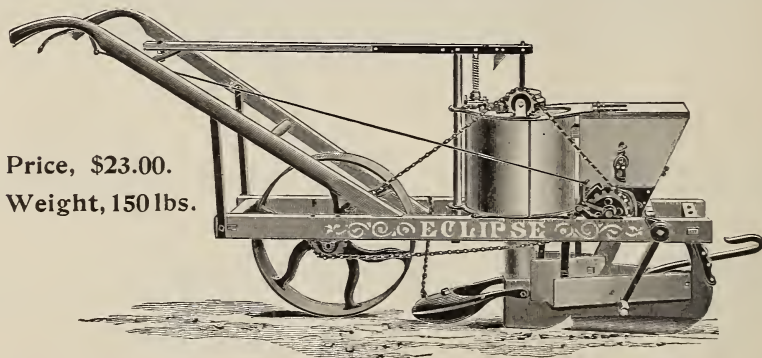
Fourteen-foot Hopper.  
Price, \$6.50.



## ECLIPSE

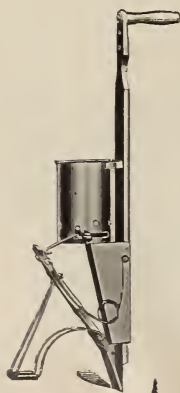
## Corn Planter and Fertilizer Distributor.

For planting field or ensilage corn, beans, peas or beet seeds, in hills, drills or checks



Price, \$23.00.  
Weight, 150 lbs.

It is the only planter on the market which has concave places each side of plow, which are of great importance in placing moist earth on the seed, just before the fertilizer is dropped each side of seed. A great advantage on very dry ground or in a dry season. It is the only planter that will accurately distribute all commercial fertilizers, wet as well as dry; pulverized hen manure, plaster, ashes and other fertilizers of like consistency.



## AMERICAN Standard Hand Corn Planter.

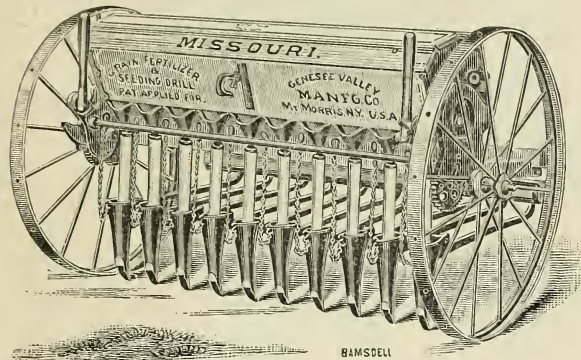
This planter is better known, has reached a larger sale, has proved more popular and has given better satisfaction than any other hand planter ever manufactured. It is the only planter having an adjustable, rotary dropping disc.

Price, \$1.50.



# THE MISSOURI DRILL.

Double rotary force-feed grain and fertilizer drill with self-shifting rank attachment—Broad-faced, high, wrought iron wheels, no wood spokes or felloes, no tire coming loose. This drill has been thoroughly tested in sowing all kinds of grain, grass seed, phosphate, bone dust, guano, salt, ashes, plaster, ground lime, marl, and such combinations as farmers make from barn and hen house products.

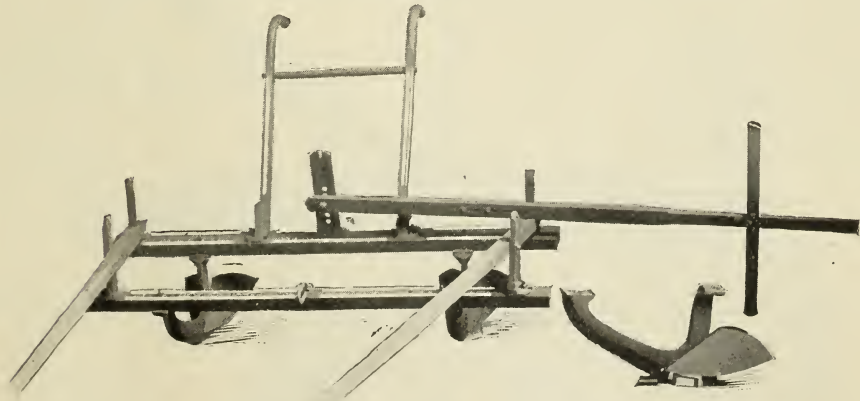


The force feed fertilizer attachment distributes all kinds as ashes, plaster, phosphate, etc., without clogging. The quantity sown is regulated by cog wheels, same as grain sower. No more power is required to propel the fertilizer than the seeder, consequently the draft of the new combined drill is but a trifle more than a plain drill. By means of a lever the gearing may be thrown in or out while at work,

so that fertilizers may be sown on poor and shut off on fertile lands in the same field. We have also a force feed grass seeder working on the same principle as the fertilizer. Therefore our combined drill is furnished with three positive force feeds, none of which are used by any other drill made.

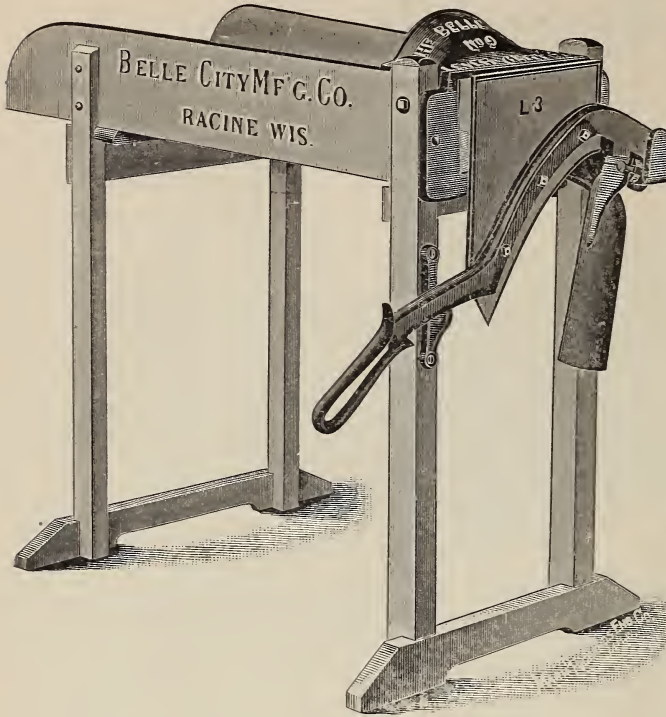
|                         |          |                      |         |
|-------------------------|----------|----------------------|---------|
| 9 Hoe Drills, Pin ..... | \$65.00— | with Spring Hoe..... | \$70.00 |
| 10 " " " .....          | 70.00—   | " " " .....          | 75.00   |
| 11 " " " .....          | 75.00—   | " " " .....          | 80.00   |

# EDDY CORN MARKER.



The above cut shows the one-horse marker with two runners, gauge and handles. The two horse marker has three runners and pole instead of shafts. Attention is particularly called to the long runners, which make a very true mark. On account of their shape they cannot be thrown out by stiff sod or stones, a difficulty with markers having short teeth. We also furnish runners without the frame.

|  |        |
|--|--------|
| 2 Horse Marker with gauge and handles..... | \$8.50 |
| 1 " " " .....                              | 7.50   |
| Corn Marker Runners with bolts, each.....  | 1.00   |



## CUTTERS

Our Illustration is that of the No. 9 Lever Cutter. This machine is especially appreciated because it does not tip over easily.

**Price, \$3.50.**

**WE CARRY A  
LARGE LINE OF**

**HAND and POWER  
HAY and ENSILAGE  
CUTTERS,**

but on account of limited space do not show them here. If interested send for our special catalogue.

**EDDY POTATO COVERER.....Price \$8.50.**



It has steel standards and blades, adjustable frame and side adjusting handles, is thoroughly braced, and will cover potatoes as fast as a team will walk. It is a first-class hiller, and having a high frame cannot be clogged.

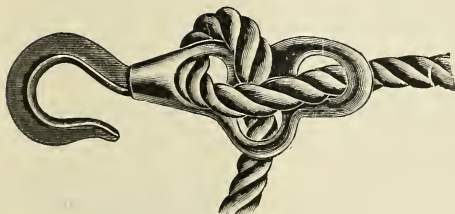
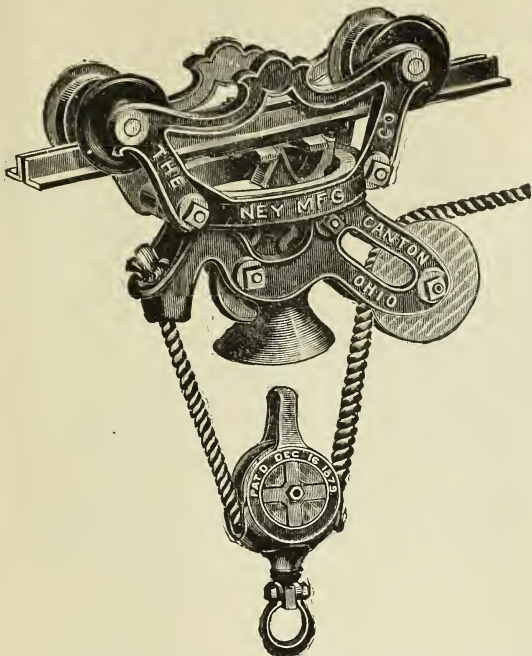
## NEY HAY CARRIER

This carrier has been on the market so long and met with such high favor that much comment is unnecessary. It cannot pass the bumper or trip block while in operation, and is easily and quickly reversed from the floor.

It is constructed entirely of malleable iron; travelers and sheaves revolve on turned steel bushings, making it the easiest running and most durable carrier on the market.

### HAYING TOOLS.

|                                 |        |
|---------------------------------|--------|
| No. 5 Ney Carrier.....          | \$5.00 |
| Steel Track, per foot.....      | .12    |
| Malleable Track Eyes, each....  | .10    |
| Crimped Rafter Brackets, each.. | .05    |
| Barbed Nails for " lb....       | .06    |
| Rafter Grabs, each.....         | .50    |
| Whiffletree Hook for rope end,  |        |
| each .....                      | .25    |
| Hay Slings, set .....           | 7.50   |
| Floor Hooks.....                | .08    |
| Double Harpoon Fork.....        | 1.00   |
| "    "    " extra long .....    | 1.25   |
| No. 115 Iron Pulley .....       | .25    |
| Iron Pulley, with loop.....     | .25    |
| Knot-Passing Pulley .....       | .30    |
| Wood Self-Oiling Pulley.....    | .25    |



## WALTER A. WOOD

MOWERS  
BINDERS

REAPERS  
RAKES

✉ Send for Special Catalogue.

## MCGORMICK

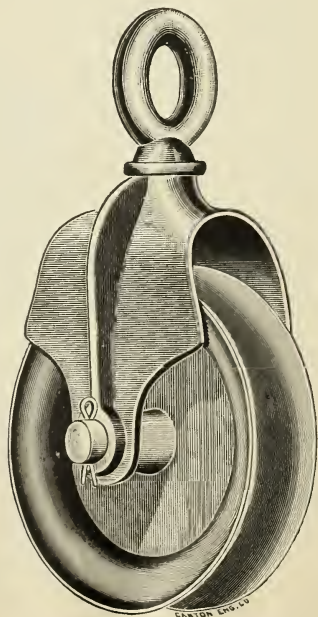
MOWERS  
BINDERS  
RAKES

REAPERS  
CORN HARVESTERS

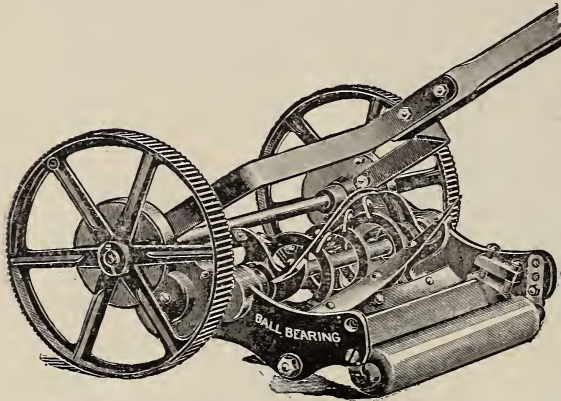
✉ Send for Special Catalogue.

NEW YORK CHAMPION HAY RAKES.

ROYCE REAPERS.



# Victory Lawn Mower.



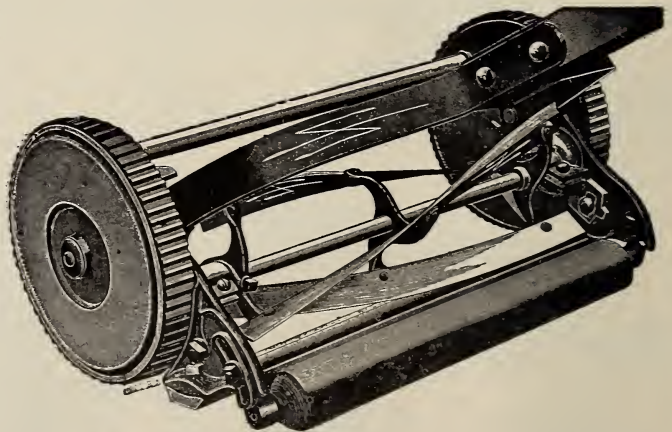
Has ball bearings, of the very highest grade, exact to  $\frac{1}{4}$  of 1-1000 of an inch, which reduce the friction astonishingly, even more in a mower than in a bicycle, and render it possible to use much wider machines than heretofore with parallel bearings. A 24-inch mower can now be operated as easily as the old parallel bearing mower only 16 inches wide; hence, mowing the lawn becomes a fascinating pastime, and the lawn is mown in one-quarter of the time formerly consumed.

The Victory mower is built without regard to cost, to be the best, most durable, and easiest working mower on the market, and while the prices are necessarily a little higher than those of mowers simply made to sell, yet in the end it will prove much cheaper.

|                   |         |
|-------------------|---------|
| 16 inch cut ..... | \$ 8.50 |
| 18 " " .....      | 9.00    |
| 20 " " .....      | 10.00   |
| 22 " " .....      | 11.00   |
| 24 " " .....      | 12.00   |

# The Rensselaer Lawn Mower.

The greatest virtue any mechanical device may possess is effectiveness for the purpose it is intended, combined with simplicity of construction. This mower possesses both these advantages. Its work is always smooth and clean, its operation easy, and its construction so simple that a novice easily comprehends it at a glance. While its simplicity of construction insures du-



rability it also cheapens its cost. We, therefore, have to offer a low priced mower which is at the same time guaranteed to do perfect work. Take one on trial and if not entirely satisfactory you may return it and money will be refunded.

All parts are interchangeable and in case of wear or breakage can be at once duplicated.

|                   |        |
|-------------------|--------|
| 14 inch cut ..... | \$2.75 |
| 16 " " .....      | 3.00   |
| 18 " " .....      | 3.25   |

## Syracuse High Frame Spring Tooth Wheel Harrow.

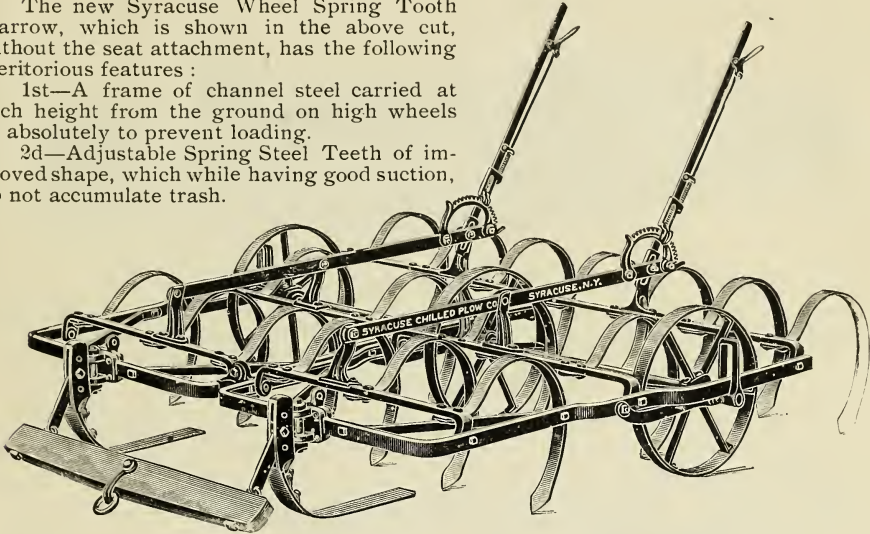
**PRICE, 17 TEETH, \$19.00.**

Spring Seat, and Caster Front Wheels furnished when ordered.

The new Syracuse Wheel Spring Tooth Harrow, which is shown in the above cut, without the seat attachment, has the following meritorious features :

1st—A frame of channel steel carried at such height from the ground on high wheels as absolutely to prevent loading.

2d—Adjustable Spring Steel Teeth of improved shape, which while having good suction, do not accumulate trash.



3d—Broad-faced Steel Wheels with dirt proof bearings, and so made that by the removal of two bolts, new hubs with removable boxes can be quickly substituted. The wheels are so placed that there are no wheel tracks.

4th—The entire weight of the driver, together with nearly all that of the harrow, is carried on the wheels which greatly reduces draft. The frame works independent of the wheel axle, which is hinged in the centre and so allows the harrow to conform to uneven ground.

5th—Caster Steel Shoes adjustable to depth, placed in front, which move always in the line of draft, steady the running of the harrow and also prevent it from working downward when used on side hill or rolling land. The harrow is quickly and easily turned at corners without buckling, making it unequalled for transportation or use in the field.

6th—More or less weight can be carried on the front shoes by raising or lowering the draft clevis.

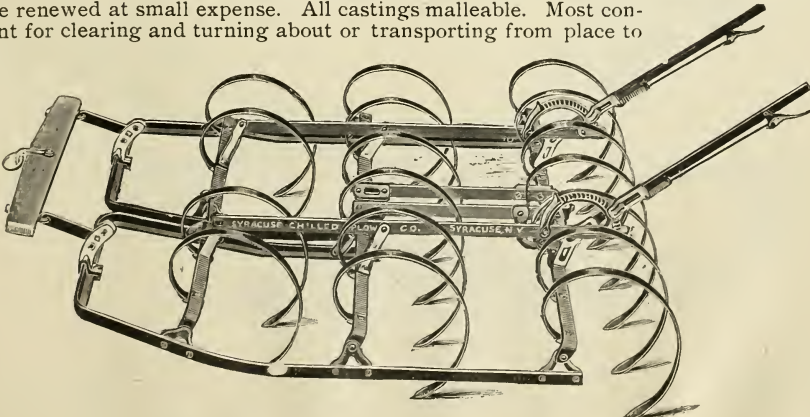
7th—The Levers are within easy reach of the driver, and the harrow can be dumped with the freedom of a horse rake without dragging the load.

## Syracuse Spring Tooth Harrow.

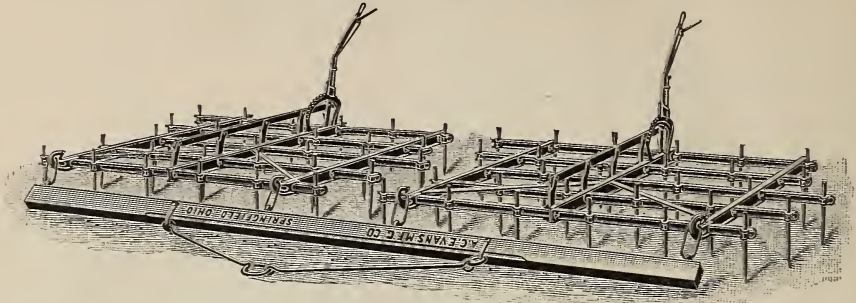
WITH LEVERS.

**PRICE, 17 TEETH, \$17.00.**

Frame, tooth bearing bars and teeth are steel. The frame runs on steel shoes, which can be renewed at small expense. All castings malleable. Most convenient for clearing and turning about or transporting from place to place.



**U-Bar Spike Tooth Harrow.**

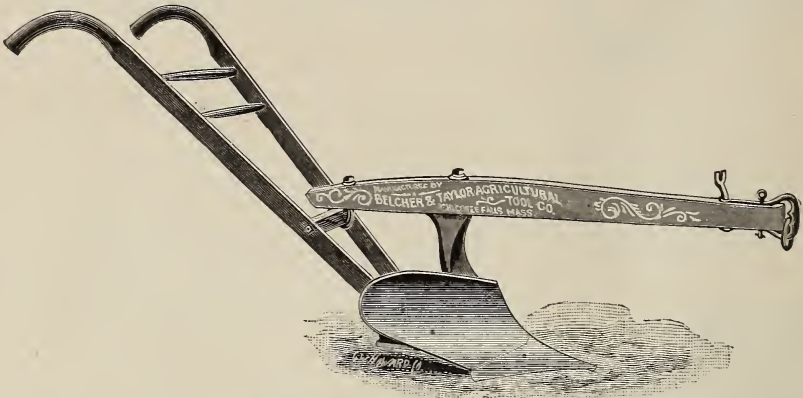


50 teeth.....\$13.00      60 teeth.....\$14.00

Excellent for pulverizing and leveling and for the cultivation of young crops. For transportation the levers are thrown forward, thereby throwing harrow on the runners and lifting the teeth off the ground. Depth of cut is regulated with the greatest ease.

**National Plow.**

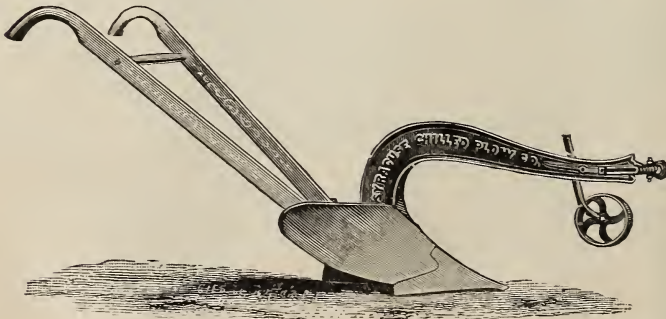
No. 0, Light 1 Horse.....\$5.50  
 " 1, Medium 1 " ..... 6.00



Made from patent steeled metal of high polish and lighter than chilled.

**Syracuse Vineyard and Garden Plow.**

Price Complete.....\$6.00.



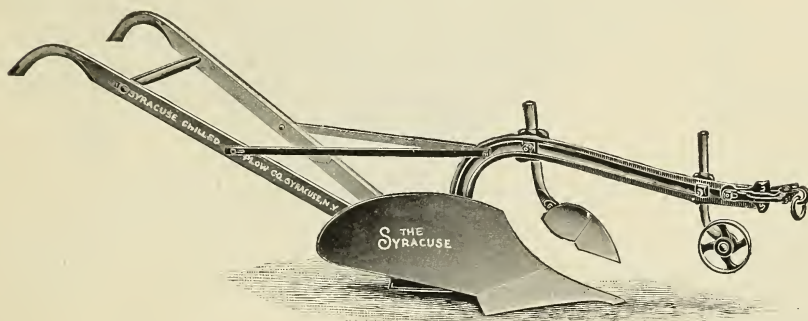
Iron Beam and set over Clevis.

|     |       |            |                                     |                |
|-----|-------|------------|-------------------------------------|----------------|
| No. | Year. | Size.      | Furrow,                             | Weight, Plain. |
| 5   | 1878, | One Horse, | 3 to 5½ in. deep, 7 to 10 in. wide, | 63 lbs.        |

## Syracuse Steel Plows.

Steel beam, steel mould board and strip—chilled point and shoe. We handle only the **EXTRA QUALITY** steel mould board and strip. These plows are also made with **COMMON** steel boards and strips which cost \$2.00 less than the extra quality. The **EXTRA QUALITY** will wear four times as long as the common. We claim this is the best land plow on the market. We sell them on trial, and if not entirely satisfactory they may be returned and money will be refunded. They are specially recommended for their turning qualities. Will turn a furrow smoothly up or down hill or on level ground.

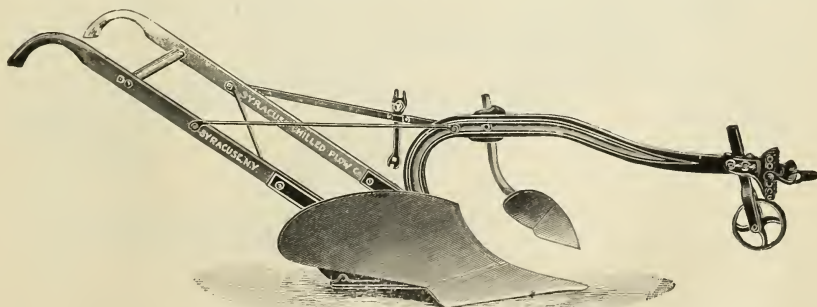
- No. 32, extra quality steel complete.....\$14.00  
 " 31, " " " " " " ..... 14.00



| No. | Size.             | Furrow.                               | Weight Plain. |
|-----|-------------------|---------------------------------------|---------------|
| 32, | Medium two horse, | 5 to 7½ in. deep, 10½ to 13 in. wide. | 103 lbs.      |
| 31, | Large two horse,  | 5 to 8½ " " 12 to 15 " "              | 108 "         |

A new combination plow of excellent turning qualities and specially adapted for plowing wide and deep furrows. Has extra quality steel mould board and steel beam, chilled shin piece, strip, shoe and point.

**PRICE \$12.00.**



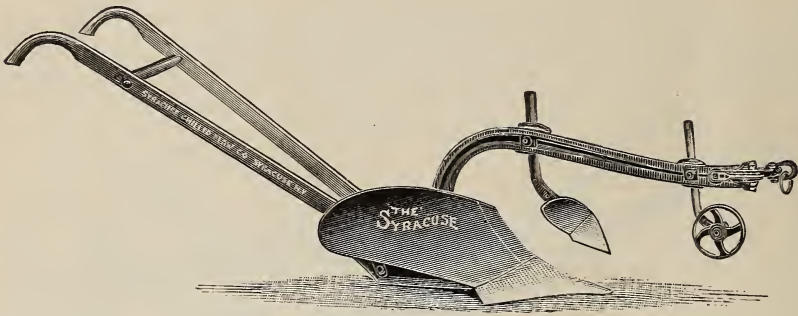
| No.  | Size.            | Furrow.                  | Weight Plain. |
|------|------------------|--------------------------|---------------|
| 443, | Light two horse, | 6 in. deep, 12 in. wide. | 113 lbs.      |

# Syracuse Steel Beam Chilled Plows.

## Chilled Wearing Parts.

These plows have the same superior turning qualities as our No. 31 and 32 steel plows and are in fact the same pattern, the only difference being that the wearing parts are chilled. They are necessarily somewhat heavier than the steel plows and are especially recommended for stony or gravelly soils.

**No. 402 Complete.....\$12.00.**  
 " 401 " ..... 12.00.

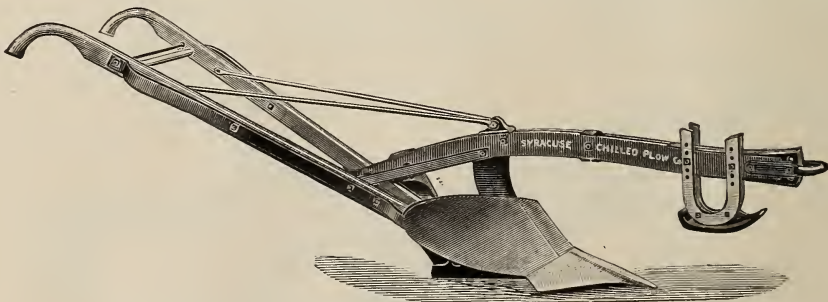


| No.  | Size.             | Furrow                              | Weight, plain. |
|------|-------------------|-------------------------------------|----------------|
| 402, | Medium Two Horse, | 5 to 7 in. deep, 11 to 13 in. wide, | 125 lbs.       |
| 401, | Large " "         | 5 to 8 in. " 12 to 15 in. "         | 131 lbs.       |

# The Syracuse Contractor's Plow.

Steel truss beam, steel moldboard and landside, separate shin piece, heavy overlaid wrought steel point, adjustable shoe in place of wheel, loop handle wear irons, very strongly built, slight turning capacity. Suitable for severe grading purposes in shale or hard pan.

**No. 99.....\$30.00.**



Four to eight horse. Weight with shoe, 265 lbs.

In addition to the plows shown here, we carry a line of

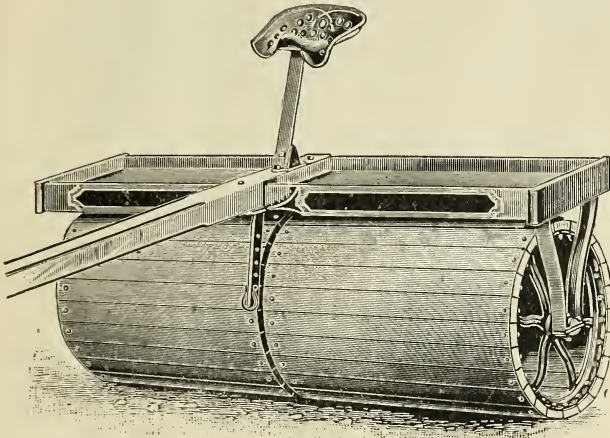
**Side Hill Plows, Shovel Plows, Riding Plows, etc.**

If interested we shall be pleased to send special catalogue.



# Rensselaer Land Roller.

Price.....\$21.00.



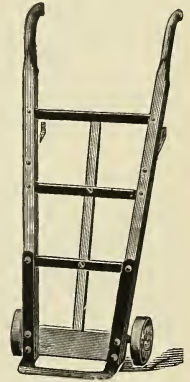
The farmers' verdict is that the wood roller is the best. This one draws from the center of a  $1\frac{1}{8}$  in. steel shaft which is loose in the boxes. The staves are of two inch selected oak and one may be taken out and replaced in ten minutes. Length 8 feet, diameter 30 inches.

## THE HANDY TRUCK.

For bags, barrels or boxes. It is rightly named.

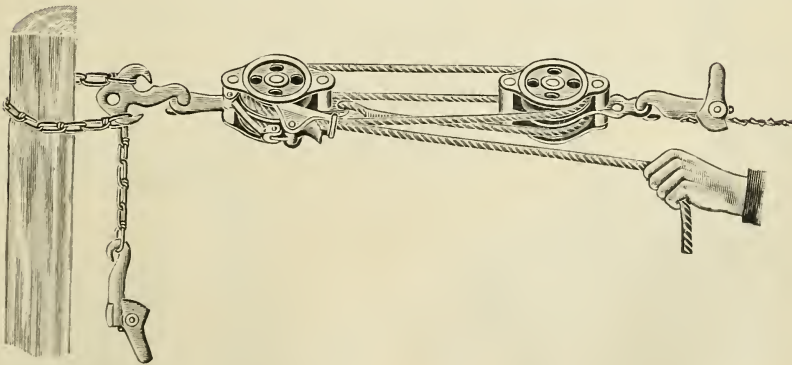
Price.....\$2.50.

We have a very full line of Barrel and Warehouse Trucks of all sizes and will be pleased to send special circular and prices.



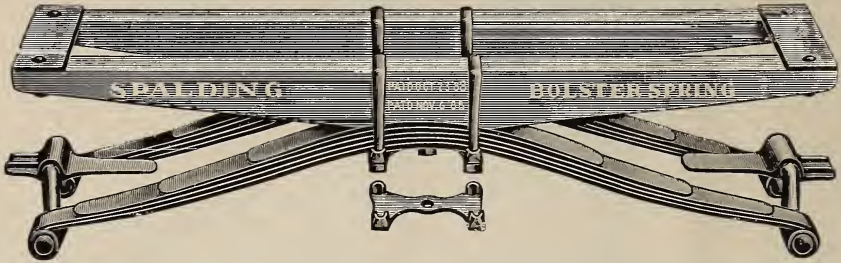
# Canton Wire Stretcher.

Price.....\$1.00.



The prime advantage in this wire stretcher is the automatic brake which holds the wire taut. Thus only one man is required in making a wire fence and he can have the wire stretched to any degree of tension.

### Spaulding Bolster Spring.



This spring stands without a rival, and while being the most lasting, is also the hand-somest, adding both life and beauty to the wagon upon which it is used. We warrant them perfect in every way. Should any of the parts prove defective in material or workmanship, within one year from date of invoice, we make them good free of charge. They differ materially from any other wagon spring now on the market, being so constructed that when loaded beyond their carrying capacity they do not break, nor do they lose any of their elasticity.

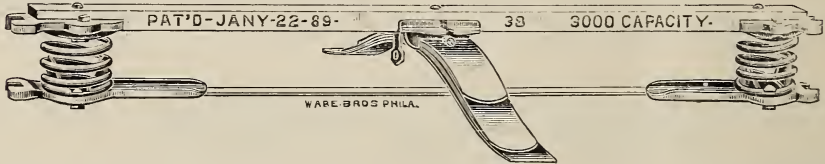
The springs require no bolting to the box, leaving them free to be removed at any time.

|                      |       |        |
|----------------------|-------|--------|
| 2000 lbs. capacity.. | ..... | \$7.50 |
| 2500 " "             | ..... | 8.50   |
| 3000 " "             | ..... | 9.00   |
| 4000 " "             | ..... | 9.50   |
| 5000 " "             | ..... | 10.50  |

### Howard Adjustable Bolster Spring.



The above cut shows cross spring in position for heavy load.

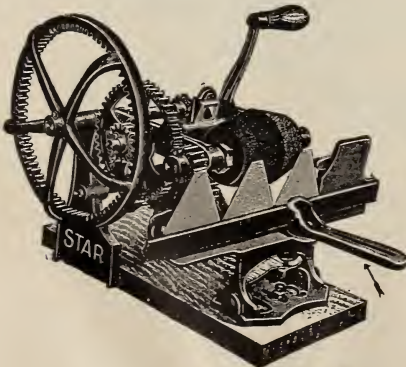


This cut shows cross spring in position for all ordinary purposes. The coils will give a light spring.

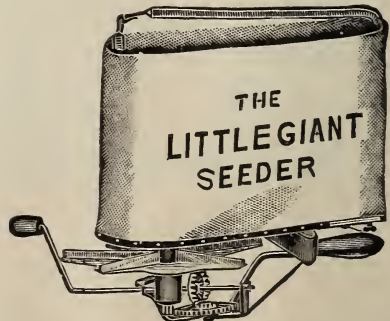
|                         |        |
|-------------------------|--------|
| 2000 lbs. capacity..... | \$6.00 |
| 3000 " ".....           | 7.00   |
| 4000 " ".....           | 8.00   |

### STAR SICKLE AND TOOL GRINDER.

Weight Complete.....25 lbs.

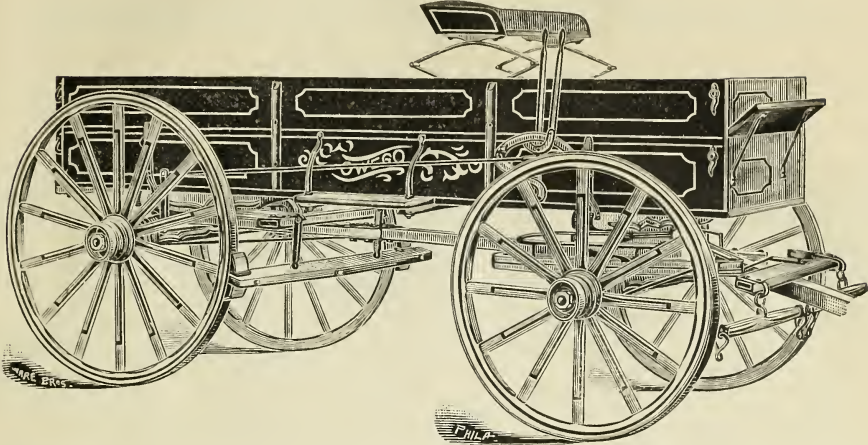


Price.....\$5.00.



Price.....\$2.25.

**O-WE-GO WAGONS.**



This wagon is made either with cast skeins, steel skeins, Concord steel axles, or tubular axles.

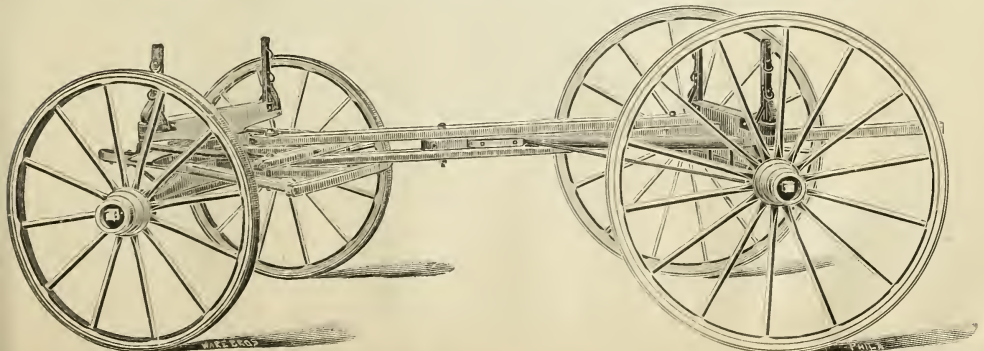
It should be understood that the O-we-go wagons are not "Western." They are the best New York state style. The material, workmanship and finish is the very best, making them the highest grade farm wagons on the market. Every sale is accompanied by our positive warranty. Send for wagon catalogue.

**PRICE LIST—GEARS.  
O-WE-GO STRAIGHT AXLE GEARS.**

| Height of Wheels.              |              | Tire.         | Capacity.    | Cast Skein. | Steel Skein. |         |
|--------------------------------|--------------|---------------|--------------|-------------|--------------|---------|
| Front.                         | Rear.        |               |              |             |              |         |
| 2½ x 8 ins.                    | 3 ft. 4 ins. | 3 ft. 10 ins. | 1⅜ x ⅜ ins.  | 1500 lbs.   | \$35.00      | \$38.00 |
| 2¾ x 8½ ins.                   | 3 ft. 4 ins. | 3 ft. 10 ins. | 1½ x ½ ins.  | 2500 lbs.   | 38.00        | 41.00   |
| 3 x 9 ins.                     | 3 ft. 4 ins. | 3 ft. 10 ins. | 1½ x ⅞ ins.  | 3000 lbs.   | 40.00        | 43.00   |
| 3¼ x 10 ins.                   | 3 ft. 4 ins. | 3 ft. 10 ins. | 1½ x 1⅞ ins. | 4000 lbs.   | 42.00        | 45.00   |
| 3½ x 11 ins.                   | 3 ft. 4 ins. | 3 ft. 10 ins. | 1¾ x ⅝ ins.  | 5000 lbs.   | 48.00        | 51.00   |
| 3¾ x 11 ins.                   | 3 ft. 4 ins. | 3 ft. 10 ins. | 1¾ x ¾ ins.  | 6000 lbs.   | 53.00        | 57.00   |
| <b>SOLID STEEL AXLE GEARS.</b> |              |               |              |             |              |         |
| 1½ x 8 ins.                    | 3 ft. 4 ins. | 3 ft. 10 ins. | 1½ x ½ ins.  | 2500 lbs.   | 42.00        | .....   |
| 1⅝ x 9 ins.                    | 3 ft. 4 ins. | 3 ft. 10 ins. | 1½ x ⅞ ins.  | 3000 lbs.   | 45.00        | .....   |
| 1¾ x 9 ins.                    | 3 ft. 4 ins. | 3 ft. 10 ins. | 1½ x ⅝ ins.  | 4000 lbs.   | 48.00        | .....   |
| 2 x 10 ins.                    | 3 ft. 4 ins. | 3 ft. 10 ins. | 1¾ x ⅝ ins.  | 5000 lbs.   | 58.00        | .....   |
| 2¼ x 11 ins.                   | 3 ft. 4 ins. | 3 ft. 10 ins. | 1¾ x ¾ ins.  | 7000 lbs.   | 70.00        | .....   |
| 2½ x 11 ins.                   | 3 ft. 4 ins. | 3 ft. 10 ins. | 2 x ¾ ins.   | 10000 lbs.  | 90.00        | .....   |
| <b>TUBULAR AXLE GEARS.</b>     |              |               |              |             |              |         |
| 2¼ x 8½ ins.                   | 3 ft. 4 ins. | 3 ft. 10 ins. | 1½ x ½ ins.  | 2500 lbs.   | 44.00        | .....   |
| 2¾ x 9 ins.                    | 3 ft. 4 ins. | 3 ft. 10 ins. | 1½ x ⅞ ins.  | 3000 lbs.   | 47.00        | .....   |
| 2⅝ x 10 ins.                   | 3 ft. 4 ins. | 3 ft. 10 ins. | 1½ x ⅝ ins.  | 4000 lbs.   | 50.00        | .....   |
| 2⅞ x 11 ins.                   | 3 ft. 4 ins. | 3 ft. 10 ins. | 1¾ x ⅝ ins.  | 5000 lbs.   | 60.00        | .....   |

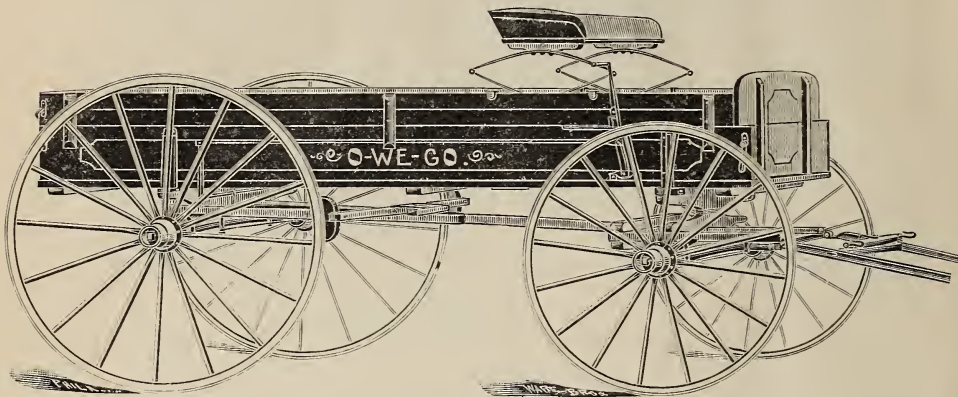
|  |         |
|--|---------|
| BODIES—11½ ft. long, sides, 12 x 9 ins. ....     | \$11.50 |
| 12½ ft. " " 12 x 9 ins. ....                     | 12.00   |
| Seat and Springs .....                           | 2.00    |
| Regular gear and body brake .....                | 4.00    |
| Block Tongue or Double Reach Wagons, extra ..... | 3.00    |

**BLOCK TONGUE OR DOUBLE REACH GEAR.**



# ONE HORSE O=WE=GO WAGONS

WITH SARVEN WHEELS.



## PRICE LIST.

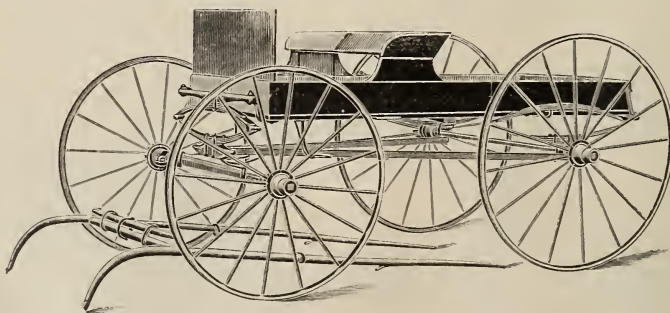
### One-Horse Solid Steel Axle Gears.

|   | Height of Wheels. |               | Tire.                                  | Capacity. | Cast Skein. |
|---|-------------------|---------------|--|-----------|-------------|
|   | Front.            | Rear.         |  |           |             |
| $1\frac{1}{4} \times 6\frac{1}{2}$ ins. | 3 ft. 4 ins.      | 3 ft. 10 ins. | $1\frac{1}{4} \times \frac{1}{4}$ ins. | 1500 lbs. | \$25.00     |
| $1\frac{3}{8} \times 7\frac{1}{2}$ ins. | 3 ft. 4 ins.      | 3 ft. 10 ins. | $1\frac{3}{8} \times \frac{3}{8}$ ins. | 1800 lbs. | 30.00       |

|  |        |
|--|--------|
| BODIES—9 ft. long, sides, $8 \times 4\frac{1}{2}$ ins. ....            | \$7.00 |
| $9\frac{1}{2}$ ft. " " $10 \times 4\frac{1}{2}$ ins. ....              | 7.75   |
| Seat and Springs ....  | 2 00   |
| Body Brake for $1\frac{1}{4}$ and $1\frac{3}{8}$ wagons only . . . . . | 2.50   |

## THE RUN=A=BOUT.

Handy, Strong, Easy and Light.



This wagon is particularly adapted for carrying milk to creameries, etc., and is useful for light loads of any sort. It has  $1\frac{1}{8}$  steel axles, steel tires, drop end gate. Body is 7 ft. in length, and 3 ft. 2 in. wide over all. Brakes furnished at an extra charge, when desired.

PRICE, \$40.00.

**SEWER PIPE**

We carry a very large stock of all sizes sewer pipe and fittings and all orders for less than car load lots are shipped promptly from Troy.

Car Load Business a Specialty.

We represent six sewer pipe factories and can furnish any kind of pipe wanted. Write for discounts.

**PRICE LIST OF SEWER PIPE.**  
 APPROXIMATE WEIGHTS PER FOOT. *Adopted January 20, 1887.*

|                                 |                                    |                                      |
|---------------------------------|------------------------------------|--------------------------------------|
| 2 IN. Pipe, per foot, \$0.14    | 6 IN. Pipe, per foot . . . \$0.30  | 15 IN. Pipe, per foot . . . \$1.25   |
| Bends . . . . . 40              | Bends . . . . . 1.10               | Bends . . . . . 4.75                 |
| 7 LBS. Branches . . . . . 63    | 16 LBS. Branches . . . . . 1.35    | 67 LBS. Branches, 2 ft. each, 5.63   |
| PER FT. Traps . . . . . 1.00    | PER FT. Traps . . . . . 3.50       | PER FT. . . . .                      |
| 3 IN. Pipe, per foot, \$0.16    | 8 IN. Pipe, per foot . . . \$0.45  | 18 IN. Pipe, per foot . . . \$1.70   |
| Bends . . . . . 50              | Bends . . . . . 1.80               | Bends . . . . . 6.50                 |
| 8 LBS., Branches . . . . . 72   | 24 LBS. Branches . . . . . 2.03    | 84 LBS. Branches, 2 ft. each, 7.65   |
| PER FT. Traps . . . . . 1.50    | PER FT. Traps . . . . . 5.50       | PER FT. . . . .                      |
| 4 IN. Pipe, per foot, \$0.20    | 10 IN. Pipe, per foot . . . \$0.65 | 20 IN. Pipe, per foot . . . \$2.25   |
| Bends . . . . . 65              | Bends . . . . . 2.75               | Bends . . . . . 7.50                 |
| 10 LBS. Branches . . . . . 90   | 34 LBS. Branches . . . . . 2.93    | 100 LBS. Branches, 2 ft. each, 10.13 |
| PER FT. Traps . . . . . 2.00    | PER FT. Traps . . . . . 7.50       | PER FT. . . . .                      |
| 5 IN. Pipe, per foot, \$0.25    | 12 IN. Pipe, per foot . . . \$0.85 | 24 IN. Pipe, per foot . . . \$3.25   |
| Bends . . . . . 85              | Bends . . . . . 3.50               | Bends . . . . . 11.00                |
| 12 LBS. Branches . . . . . 1.13 | 48 LBS. Branches, 2 ft. each, 3.83 | 140 LBS. Branches, 2 ft. each, 14.63 |
| PER FT. Traps . . . . . 2.50    | PER FT. Traps . . . . . 10.00      | PER FT. . . . .                      |

**Slants.**—Fifty per cent. more than plain pipe, measured on long side, but not less than twelve inches.  
**Increases and Reducers.**—Price of four feet of pipe, size of larger end.  
**Stoppers.**—One-third of one foot of pipe, of the size on which it is used.  
**Channel or Split Pipe.**—Each piece three-fifths of a whole pipe.  
 Every shipment at the risk of the purchaser.

**ROUND AGRICULTURAL DRAIN TILE**

The sizes named are inside measurement.



|               |                          | Weight.   |
|---------------|--------------------------|-----------|
| 2 in. . . . . | \$15.00 per 1000 pieces, | 3000 lbs. |
| 3 in. . . . . | 25.00 " " "              | 5000 "    |
| 4 in. . . . . | 45.00 " " "              | 8000 "    |
| 6 in. . . . . | 100.00 " " "             | 13,000 "  |

**WE GARRY A LINE OF DITCHING TOOLS.**

**FLUE LININGS**

| Price List.             |          | Weight per ft. |
|-------------------------|----------|----------------|
| 4½ in. x 8½ in. . . . . | 30c. ft. | 18 lbs.        |
| 4½ in. x 13 in. . . . . | 45c. " " | 24 " "         |
| 8½ in. x 8½ in. . . . . | 45c. " " | 25 " "         |
| 8½ in. x 13 in. . . . . | 65c. " " | 31 " "         |

Write for discounts.

**GRINDSTONES**

Largest stock in Eastern New York. All kinds of grit and all sizes for manufacturers and farmers use. Write for prices.

**BASKETS**

We carry a very large line of baskets and will be pleased to name prices when desired. We quote as of special interest to marketmen the following :

|   |                 |
|---|-----------------|
| 1 Bu. Stave Baskets. . . . .                    | \$1.10 per doz. |
| ½ " " " " " . . . . .                           | 1.10 " "        |
| Standard Berry Baskets in lots of 1000. . . . . | 3.00 " 1000     |
| " " " " " 5000. . . . .                         | 2.95 " "        |
| " " " " " 10,000. . . . .                       | 2.90 " "        |



# A Selection of Reliable Standard Vegetables.

To most people who are not PROFESSIONAL GARDENERS, the names of varieties do not convey any special meaning. Even the descriptions given in our catalogue, on account of the numerous sorts, do not always give the desired information. For the guidance of the inexperienced who want the "BEST KINDS," we suggest the following:

**BEANS**—Burpee's Bush Lima. For the reason that they are almost as large as the large White Lima, quite as good in quality and do not require poles. Bush—Green Pod. Early Yellow Six Weeks, or Refugee or 1000 to 1. Bush—Wax Pods. Wardwell's Kidney Wax or Davis' White Wax.

**BEETS**—Dirego.

**CABBAGE**—Extra Selected Large Jersey Wakefield, or Young & Halstead Best Winter.

**CARROT**—Danver's True.

**CAULIFLOWER**—Henderson's Snowball.

**CELERY**—All of the varieties we offer are of unquestioned merit. Our stocks are all of crop of 1898 and have been proven.

**SWEET CORN**—Selected White Cory for extra early, Shakers for second early and Evergreen for late. If these three varieties are planted at the same time, they will produce a succession of crops.

**CUCUMBER**—Improved White Spine. It is the best for all purposes.

**LETTUCE**—Big Boston or Deacon if you want a head lettuce. Black Seeded Simpson if you want a curly lettuce.

**MUSK MELON**—Green-Fleshed Varieties. Corning's Albany Market. Salmon-Fleshed Varieties. Surprise or Miller's Cream.

**WATER MELON**—Hungarian Honey.

**ONION**—Extra Selected Improved Yellow Globe Danver's.

**PEAS**—Gradus for extra early, Nott's Excelsior for second early, and Telephone for late. If these three varieties are planted at same time they will produce a succession of crops. The Gradus Pea is sometimes called Prosperity. This is the earliest wrinkled pea grown. If planted at the same time as the earliest round or hard-shelled peas, such as Alaska, Daniel O'Rourke, etc., it is usually ready for picking at the same time or within three or four days after. It grows about two and one-half feet high, is a generous yielder, pods are large and well filled.

**POTATOES**—Our potatoes are all grown in the north of Michigan, for seed only, from pure stock. We have only four varieties to offer this year, but they are the very best and most reliable sorts, and are as follows: Early Bovee, Early Ohio, Early Queen, Early Maine.

**RADISH**—Vick's Scarlet Globe.

**SPINACH**—Round Thick-Leaved.

**SQUASH**—Hubbard or Boston Marrow.

**TOMATO**—Livingstone's Beauty.

**TURNIP**—Purple Top White Globe.

**RUTA PAGA**—Improved American Purple Top.

**YOUNG & HALSTEAD, Seedsmen,**

**TROY, NEW YORK.**

