Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.
"Everything for Gardeners."

Christian Weckesser, Niagara Falls, N. Y.

Farm and Office at Sanborn, N. Y.
To those Sending Orders, etc.

READ BEFORE YOU ORDER. Give your full address every time you write; write plainly; and do not write as though we knew what you wrote before. Keep a copy of your order. If you do not hear from us or get your goods promptly, let us hear; we may have made a mistake, but seldom do, and when we do we cheerfully correct them to the best of our ability. We guarantee mail orders to reach destination in good order; but when we ship by express or freight, our responsibility ceases when we deliver to carriers, in good order. State by what route you desire to have goods shipped; otherwise we ship according to the best of our judgment. We ship by American, Wells & Fargo, and Canadian Express Companies. Be sure to give your nearest express office and Co. Send cash with order.

SENDING MONEY: Dollar bills may be safely sent, as a rule, but we are not responsible for loss in remitting, unless you send a P. O. or Express money order, Bank Draft, or registered letter. Postage stamps are acceptable for small amounts. Use our return envelopes if you have them. We furnish them free.

ORDER EARLY before the rush, when our stock is unbroken and we have time to personally see that your order is properly filled.

WHERE WE ARE? Our office is on our farm at Sanborn, N. Y., the first village out from the Falls, on the N. Y. C. & H. R. R. R. towards Rochester. Our customers are welcome, and we take pleasure in showing them about. When you come to see the Falls, come out to see us.

OUR TELEGRAPH and EXPRESS OFFICE is Sanborn, N. Y. We get telegrams promptly if so addressed. Do not address them to Niagara Falls.

CANADA ORDERS. These are filled in Canada, and all duty is paid by us on seeds. The duty on raspberry plants is 1c. each; on other plants and trees 20 per cent, which our customers must send with the price of the goods ordered.

WARRANTING SEEDS. We guarantee the contents of all packages to be as labeled, and seeds to be of strong vitality. If the seeds are not as represented, we will replace them free of charge; but we can under no circumstances be responsible for any loss that may occur through the failure of any crop or part thereof. We are practical market gardeners and are continually sowing the seeds we sell. If there should be any fault with them we would probably be the first to find it out.

LIBERAL PREMIUMS ON SEEDS IN PACKETS. As an inducement to my customers to get their neighbors and friends to club with them in sending their orders, we will allow each purchaser of seeds in packets to select 25c. worth extra for every $1.00 sent us. Bear in mind that this discount applies only to seeds in packets, and not to seeds by weight and measure, nor any collections we offer. Our packets contain nearly double the quantity of seeds that many others put up, and prices by weight and measure are low; if we would put up half the quantity of seeds in our packets, and charge more for them, we might give greater premiums, but we think our customers generally approve our plan. Prizes we do not offer at all. We are satisfied that they have a bad influence, by encouraging people to try to get something without rendering an equivalent. We put in something extra with orders when they are large, especially when we have something new or of special merit that we wish them to try, and when customers give us the names of neighbors and friends to whom they recommend our seeds.

We are always glad to give any information in our power to any of our customers on any subject pertaining to our business; but any such request for information should be clearly written out and not put on the order sheet or mixed with orders in any way.

OTHER SEEDS, Etc. While we catalogue the best varieties in our estimation we are always glad to supply our customers other varieties that they may want. We have some others in stock, and others we can easily obtain. Our prices will be cheap as elsewhere, and sometimes we can effect quite a saving for our customers.

OTHER CATALOGUES, Etc. Aside from this, our regular Catalogue, we also send free a complete catalogue of Planet Jr. tools, some circulars of fertilizers and insecticides, with valuable information in regard to their use. We also have several leaflets in preparing about specialties that promise big profits: all of which we will gladly send free to anyone interested enough to ask for them. We also furnish self-addressed envelopes for the asking.

Correspondenzen und Bestellungen in deutscher Sprache erhalten dieselbe pünktliche und sorgfältige Aufmerksamkeit wie die in englischer Sprache.
1894.

To Our Customers and Friends.

As the time is again upon us in which to plan and prepare for our gardening operations another season, we submit our efforts to place before our many customers, and others into whose hands our Catalogue may fall, a list of things that they may require; and as our manner of doing so is somewhat out of the ordinary we wish to explain that we are not professional catalogue-makers, but practical market gardeners. We speak of varieties, etc., in a straight-forward manner from experience, and offer what our experience teaches us to be useful and best for those in this line of business. We know that we miss trade from some that we might take in, by offering new things with some perhaps exaggerated picture of them, and descriptions that do not touch on the defects of the variety. But this department of our business may go to the wall, before we will pursue such a course. Furthermore there is a class who look with confidence on our advice, and appreciating our straight-forwardness, constantly increase their orders. It is to this class of customers that we cater.

We do not offer the usual array of novelties with the trumpetry that they are often introduced with. The reason is that many of these new things soon drop out of sight, and are no better than older kinds. We are constantly trying new things, and when we find anything that is good we say just what our experience with it has been. A. I. Root, of Medina, Ohio, whom Mr. Greiner calls one of the best gardeners in the land, says: "I think I have read every catalogue you have put out, clear through, and I wish all seedsmen would tell us their experience with different novelties as frankly as you do. So many of them are a regular stereotyped puff of everything before the public, good, bad, or indifferent, that it is getting to be rather monotonous."

We do not pretend to grow all our seeds. We grow some, others are grown for us on contract, others we buy. It would be impossible for us to grow them all here and have them pure, and of the highest quality. Most of our Cauliflower and some of our Cabbage seed is grown on Puget Sound. Melon seeds at the south. Peas at the north. Lettuce, Carrot, Corn and others we can grow as well here as anywhere. We sell just such seeds as we plant ourselves. The test we give them is generally not only one of vitality but of quality as well.

By comparison you will find our prices lower than many other houses. This is not because the seeds, etc., are poor in quality but because we are in position to conduct our business in an economical manner, and we catalog the lowest price at which we expect to sell,—not cataloging a high price and selling much cheaper to some. These are "hard times" and we know that farmers and gardeners will be likely to buy where the best stock can be bought at the lowest prices.

Finally, we are preparing early for a booming trade this season, and we would like your orders. If you have been buying of us before, we think you will do so again. If you have not, send us a trial order. We think we can please you.

Thanks for past favors. Yours Respectfully,

CHRISTIAN WECCKETESS.

NIAGARA FALLS, N. Y.
JANUARY, 1894.
Hints on Home, Farm, and Market Gardening.

It seems to be a fact that many city people have a better supply and assortment of vegetables than some people on farms. The reason for this perhaps is that city people have the things brought almost to their doors, and displayed most temptingly, so that they will likely buy as long as they have anything to buy with. Rural people generally have all the means at their command if they but think so to give them a better and a greater assortment, which they can enjoy when the people in the city are perhaps stunted, as many are now, because they have not the "wherewith". With proper forethought but a little judicious expenditure is needed to make the supply of vegetables more varied and complete, and if there is a surplus there are always a lot of mouths to be filled.

Farmers generally are not getting as good prices for their products as formerly, and many complain of hard times. Some of them could no doubt improve their conditions greatly by looking around them a little on this line to see if they could not do better by mixing a little gardening into their operations. We are not greatly in love with mixed farming or mixed business of any kind. We would rather recommend a specialty; but sudden changes are also bad. It is a better way to try something on a small scale at first and extend with experience and means. Circumstances differ greatly with locations. A crop may be very profitable at one place and not at all at another place. We will briefly go over a few of the things that we find profitable and some of which are well adapted to grow as farm-garden crops, as they can easily be shipped.

The New Onion Culture.

We know of few things that promise as well as the growing of Prizetaker Onions by the new method. We have ourselves had very good results. Our neighbor Mr. Gre'ner, whose excellent little book we offer elsewhere, has also had fine results, growing at the rate of 2000 bushels to the acre. A photograph of a crate of these onions is shown on page 17, and we speak of the method of growing them there. We marketed quite a crop of these in crates like the one shown, in which way they look very nearly like the Spanish onions, and if they are gotten on the market early they are pretty certain to bring a good price. Most of ours were sold at $1.00 per crate. Being so very large and fine, a crop of them can be very easily harvested and marketed.

Market Gardening, Generally.

We are well aware that market gardeners must "earn their bread in the sweat of their brow," but the variety of work and other features of the business make it comparatively pleasant work after all, for one who is interested and has a liking for it. We suppose it is with others as with ourselves, that they have the most liking for such crops as give the best profits. But we have not been able to single out but a few to grow in preference to others, for we find that a general assortment, and a good succession does the best with us. In growing only a few kinds there is this disadvantage, that the prices of some things may at times be away down, while if one has most all the vegetables to market, the low price of one is made up by the higher price, at the time, of another, and one article often helps to sell another.

Starting in the spring with lettuce from cold frames, we can soon add Egyptian onions, salsify, parsnips, asparagus, and radishes, and spinach and perhaps mushroom.

A little later we take lettuce, spinach, green onions, radishes, perhaps still some rhubarb and asparagus, then early peas, string beans, cucumbers, strawberries, early cabbage, and a few early cauliflowers.

After the strawberry season is past our loads will be something like this: currants, raspberries, peas, string beans, cabbage, cauliflower, early corn, radishes, bunch onions, potatoes, lettuce, summer squash, and cucumbers, followed soon by tomatoes, blackberries, celery, melons, marrow squash, shell beans, peppers, egg plant, lima beans, dry onions, etc., etc.

It requires considerable planning to have a good succession of crops and to have them all at the right time. The earlier the crops the better the prices generally are.

Anyone wishing to enter more or less in this line of business should not fail to read Rawson's book on gardening, or Mr. Greiner's "How to Make the Garden Pay."
GARDENING UNDER GLASS.

Gardening under glass is one of the things that can be made to pay, if properly managed. The cut, from gleanings, represents an ideal arrangement of beds, which Mr. Rook describes as follows: "The plan is for a piece of ground with about 100 feet front. If you have more than 100 feet, make the beds shorter, say for ten sash, and have three lengths of them. The hose should be long enough to reach all four corners. The amount of cloth that may be used in place of glass depends on the locality and the kind of crop you want to raise, and the season at which it is to be marketed. If you are going to raise stuff all winter, say in our locality, you will need sash to cover about half of the beds. The other half may be covered with cloth. Spinach and other hardy plants will need no other than cloth covering, even during the most severe weather. As immense quantities of manure are used in these beds it is quite important to have these wagon roads between the beds. The windmill and tank on the hill are supplied to supply the water."

Such an arrangement of beds will have to be modified to suit the location and one's purpose. An inexperienced person had better start on a small scale at first, making additions such as experience indicates are needed. A rather novel way of heating such beds is by the use of exhaust steam from factories and mills, feeding the steam through ordinary drain tile under the beds. Those who have no opportunity to avail themselves of such means must use other methods for heating a part of the beds. Heating with fermenting manure is the common method, but there are many disadvantages connected with this method, and we think generally heating with a furnace under one end of the bed, with two flues of ordinary drain tile under the beds, is more satisfactory and not any more expensive after all. The heat can be regulated in that way, and a very slow fire will heat a bed over 100 feet long. The flues should rise 18 inches to 2 feet in a hundred, being deeper in the ground where they are hottest. At the farther end there should be a chimney connecting the two flues, which may be made of boards about 12 feet long or longer. Half of the beds may be merely cold frames, and will hasten crops into market when prices are high. Plants can also be started early in hot-beds, and by the time they are ready to be transplanted they can be put into cold-frames, where the sun's heat gives sufficient warmth the rest of the season.

Exhaust steam used for heating beds in the manner indicated, has decided advantages where it is to be had. Everything seems to grow with marked luxuriance over the steam pipes, claimed to be due to the steam liberating the nitrates in the soil by chemical action.
GROWING CELERY BY THE NEW METHOD. [FROM THE RURAL NEW-YORKER.]

This method as shown by the cut from the Rural New Yorker, is to plant as close as seven by seven inches, having the bed very rich and using plenty of water. An immense lot of celery can be grown on a small space, in this way. The method is described in detail in "The New Celery Culture," published by the Rural Publishing Co. and furnished by us at 20 cents.

Our experiments with this method have been fairly satisfactory this season, and we will grow our White Plume in this way hereafter. The other varieties do not blanch so well, and we will not plant them largely until further trial.

To make a success, the ground should be plowed deep, turning under lots of manure—not less than a hundred loads to the acre, and top-dress with about 1500 pounds of celery-fertilizer. Harrow and make the ground level, and roll with a heavy roller if the soil is a light loam. Mark the ground and with a dibble set the plants, which should be three to six inches high, seven inches apart in the rows, in straight lines each way. Press the soil firmly on the roots, and give them a thorough soaking after planting.

They should now be kept clean with a hoe or wheel-hoe until the plants cover the ground and the weeds have no more chance to grow. Several heavy top-dressings of celery fertilizer will not be amiss, and it is absolutely necessary to furnish plenty of water in the absence of good rains every week. To water a good sized bed, a tank and wind-mill, or some such arrangement is necessary. Our plantation is on the site of an old hog-pen near the barn and a good well, and we will arrange to have a large tank in the barn or elsewhere from which to let the water run from a rubber hose and pipes, wherever wanted.

Without the supply of water the plan will not be successful, of course; but with all the necessary conditions fulfilled, at least 100,000 plants to an acre will be fit to market, after allowing 26,000 plants for misses and poor ones, which should be worth at least $8,000.00, if celery is cheap, and double the amount when it brings a high price.

With this method there is no back-breaking labor in banking up, and the celery is much cleaner and brighter than any that is banked with earth. The working roots are not cut off to secure earth to bank it with, thereby checking the growth. There are no rheumatic pains caused by getting down on one's knees to press the earth about the plants, and no worms to eat the glossy surface of the stalks, making them rusty and unsaleable.

When grown thus the foliage is so dense that it is dark and the air moist beneath, causing the self-blanching sorts to blanch well. All that is not blanched well before time to secure it from frost must be stored in pits.
In submitting the following list of seeds and plants we have endeavored to offer only such as are sure to be satisfactory. We think our list is better for being short; as we offer only such varieties as have proved useful in making a complete list, suited to the wants of market gardeners and private planters. We try to avoid indulging extravagant descriptions, as we want our list to be plain, truthful and trustworthy.

-Pkts., ozs., and ½ lb. lots are sent by mail, postpaid at prices given. To larger lots add actual postage, 8c. per lb.

**ASPARAGUS.**

This, besides being profitable, is one of the earliest crops, comes at a time when the proceeds are generally much appreciated, and is easy of culture, lasts long when once started, and should be more generally planted for private use. Send for our leaflet, "The Early Money and the Early 'Sass'" which tells how to plant and care for it.

**Elmira.**—The cut is from a photograph of a bunch of this variety, which is to grow to immense size. We think that perhaps if the other varieties were treated with as high culture as this variety no doubt was, the result would be something similar. But we have no doubt, that it is a good variety, and will plant some of it.

Pkts. 5c; oz. 20c. ½ lb. $1.00.

**Palmetto.**—This too is claimed to be larger than Conover's, as well as earlier. We think it is a stronger grower.

Pkts. 5c; oz. 12c; lb 75c.

**Conover's.**—This is still the old standby, and continues to be largely planted.

Pkts. 5c; oz. 10c; lb 40c.

**ASPARAGUS PLANTS.**

We have a good stock of plants of the three varieties offered above, Donald's Elmira, 1 yr. plants $1.00 per 100, $7.00 per 1000. Palmetto, 75c. per 100 $5.00 per 1000, for good 2 yr. roots. Conover's Colossal, 60c. per 100 $4.00 per 1000, for 2 yr. roots.

If these are wanted by mail, postage must be added at the rate of 40c. per 100 for 2 yr. plants, and 20c. per 100 for 1 yr. plants.
BUSH BEANS.

A succession of sowings can be made from May to August in this locality, planting the main crop as early as it is safe. If they can be got into market extra early, the profit will often be more than doubled. A protected place and rich sandy soil will help the early crop. Plant in drills about 2 ft. apart, 2 inches deep, and 2 inches apart in the row. It requires about 2 bushels to the acre if sown in drills.

NOTICE.—Prices for our 1-3 pint packages do not include postage. If they are wanted by mail, add 3c. for postage; also 5c. per pint, and 15c. per quart. If postage is not added to the price of 1-3 pint bags when wanted by mail, we will send small packets by mail instead.

WAX-POD OR BUTTER VARIETIES.

Wardell's Kidney Wax. We are better pleased than ever with this variety. It is a strong, robust grower, and is very productive. The pods are long, flat and brittle, and do not soon become tough and stringy. It is not inclined to rust, and is the principal variety we plant for market.

\[ \frac{1}{2} \text{ pt. 5c.; pt. 15c.; qt. 30c.; peck $1.60;} \]

\[ \text{bushel $6.00.} \]

Rust Proof Golden Wax. This is claimed to be an absolutely rust-proof strain of Golden Wax. With us we see nothing to recommend it above Wardell Kidney Wax, as that variety does not rust with us, but where it does, we think this strain will be more satisfactory.

\[ \frac{1}{2} \text{ pt. 5c.; pt. 15c.; qt. 30c.; pk. 1.70.} \]

Prolific German Wax.

This is not a flat podded variety like the above but the pods are round and very tender, and the plants are wonderfully productive. We think it is ahead of the varieties offered above, for quality, but is not so popular a market variety.

Pkt. 5c.; \( \frac{1}{2} \) pt. 5c.; pt. 18c.; qt. 30c.; pk $1.40 bu. $6.00.

Yosemite Mammoth Wax. This is a giant bean; the pods are round, long, and nearly solid flesh, cooking tender and delicious. It must be planted in very rich soil and is one of the best kinds we know of for table use.

\[ \frac{1}{2} \text{ pt. 10c.; pt. 25c.; qt. 45c.} \]

Perfection Wax. This is also a large podded bean, of golden-yellow color, and if planted on good rich soil will produce an immense crop.

\[ \frac{1}{2} \text{ pt. 5c.; pt. 22c.; qt. 40c.; pk. $1.50} \]

\[ \text{bu. $8.50.} \]

Crystal White Wax. Although this may also be used as a wax bean, it is an excellent shell bean for winter. It has small round pods, tender and of good quality.

\[ \frac{1}{2} \text{ pt. 5c.; pt. 12c.; qt. 20c.; pk $1.25; bu $4.50.} \]

GREEN POD OR SHELL VARIETIES.

Earliest Red Valentine. This is the leading early green-podded variety among market gardeners. The pods are round, pulpy and brittle, and the quality is excellent. It is about the only green pod snap variety that we think worth while to grow. It is very productive, and the strain we offer is early.

\[ \frac{1}{2} \text{ pt. 5c.; pt. 12c.; qt. 20c.; pk $1.25; bu $4.50.} \]

White Kidney. This is the best bean we know of to shell green. Repeated plantings should be made of it to keep up the supply, making the first planting as early as possible. It shells easy when it is picked just right, the beans are very large, and about the best in quality of any we know. It is also a fine winter shell bean.

\[ \frac{1}{2} \text{ pt. 5c.; pt. 12c.; qt. 18c.; pk. $1.00; bu. 3.75.} \]

White Wonder. This is the best field or soup bean we have. It is something like the "Tree Bean," being very productive. The bushes grow strong and stocky bearing the pods well up from the ground so they are not easily spoiled by wet weather. They ripen nearly all at the same time, and the leaves fall off, letting them hang high and dry, so they can often be pulled and threshed the same day.

\[ \frac{1}{2} \text{ pt. 5c.; pt. 10c.; qt. 18c.; pk. $1.25; bu $4.} \]

POLE BEANS.

Pole beans should be planted about 2 weeks later than bush beans, in sandy soil, if possible, well enriched, with manure in hill. Plant about 3 to 4 ft. apart, and 5 to 6 beans in a hill.

New California Wax. This is the best early pole bean. We have never had a wax bean of any kind that we considered as tender and good.

Pkt. 10c.; pt. 25c.; qt. 40c.

Powell's Prolific. We call this the most productive bean in existence. Just the thing for pickling. It is quite late and should be given every advantage of the season, at the north. The quality is the best of its season. It is a wonderful grower, and needs good stout poles.

Pkt. 10c.; pt. 40c.; qt. 75c.
Since the introduction of the Bush Limas the unsightly and troublesome poles can in a great measure be dispensed with. Neither varieties should be planted until settled warm weather. The pole Limas should be planted in a circle, eye downward, around the pole, and thinned to three plants to the hill. They must have good soil.

**Burpee’s Bush Lima Beans.**—This is the first true bush form of the large Lima Bean. It comes true from seed, the bushes growing eighteen to twenty inches high, very stout, and erect; yet branching so freely that each plant makes a circular bush from two to three feet in diameter. The plants are not inclined to run, and they bear well. The size and flavor are like the large pole Limas. They have to be started early and with care at the north to get them to mature, a good crop. They need very rich soil.

**King of the Garden.** A little later, but larger pods and beans; very productive.

\[\frac{1}{8}\text{ pt. } 10c; \text{ pt. } 30c; \text{ qt. } 50c.\]

**Jackson’s Wonder.** This is dwarf, like Henderson’s, but is really earlier and more productive. The size of the beans is about the same as Henderson’s, but they turn to a brownish color when ripening, which is against them for market. By taking them at just the right time, however, they are as white as Henderson’s.

\[\text{Pkt } 10c; \text{ 3 for } 25c.\]

**Henderson’s Bush.** This is earlier than the other limas, and sells at good prices as long as the large limas do not come into market, and even then they bring good prices, as the quality is about as good as that of others. It takes more time to shell it, as the beans are small, but it is so immensely productive that it is a profitable crop.

\[\frac{1}{8}\text{ pt. } 8c; \text{ pt. } 18c; \text{ qt. } 30c.\]

**Jersey Extra Early.** These are not quite as large as the Large white lima bean, but are more desirable because they are earlier.

\[\frac{1}{8}\text{ pt. } 10c; \text{ pt. } 30c; \text{ qt. } 50c.\]
BEETS.

For very early, beets may be started in hot-bed or greenhouse and transplanted to the open ground in rows about a foot apart and about 4 inches apart in the row. Sowings should also be made as soon as the ground works nicely, and for the later crop can be sown in June, thinning properly after the second leaves appear.

New Surprise. This has been a surprise to us for earliness and fine appearance. It is earlier than the Eclipse, more turnip shaped but hardly as dark red. It is larger than the Eclipse and we are highly pleased with it.

Pkt. 5 c.; oz. 10 c.; lb. 75 c.

ECLIPSE.

Eclipse. This has small tops, and both the beet and tops are dark red. It is a popular sort of a perfect globe shape. It sells well.

Pkt. 5 c.; oz. 8 c.; lb. 40 c.

Egyptian Turnip. One of the earliest dark red flat sorts. It is fine when young but becomes stringy and tough when old.

Pkt. 5 c.; oz. 8 c.; lb. 40 c.

Burpee's Extra Early Turnip. This is similar to Surprise, in shape and general appearance and is about as early; though hardly as strong a grower, but perhaps a little deeper red. It is not as flat as the Egyptian.

Pkt. 5 c.; oz. 10 c.; lb 80 c.

Long Blood Red. Good for late keeping and must be sown earlier than the others to make a good crop.

Pkt. 5 c.; oz. 8 c.; lb. 35 c.

Lane's Improved Sugar For stock. Said to have yielded at the rate of 20 tons to the acre. Showed the largest per cent of sugar at the O. Ag. Ex. Sta.

Oz. 5 c.; lb. 30 c.

Golden Tankard Mangel. About the largest and best for stock.

Oz. 5 c.; lb. 25 c.

Yellow Globe. The tops are fine for greens when young, and it is one of the best for stock.

Oz. 5 c.; lb. 25 c.

CABBAGE.

For early crop, plants started in the fall and wintered over are preferable, but when these are not to be had seed should be sown in hot-bed or greenhouse quite early, and hardened off well before being set out. The early crop is often very profitable, and it is important to have the very best plants to set out as early as possible.

Early Jersey Wakefield. This is the best early crop cabbage we know of. No other early kinds give us the satisfaction that this sort does. The seed we offer is the Puget Sound strain, and the best we know of.

Pkt. 5 c.; oz. 25 c.; lb. $2.00.

Henderson's Early Summer. This is planted more largely than any other kind, as

Henderson's Early Summer.

a second early and flat-headed kind to follow soon after the Early Jersey Wakefield.

Pkt. 5 c.; oz. 20 c.; lb. $2.00

Early Winningstadt. On account of the extreme hardness of the heads, and its certainty to head up under very adverse circumstances it is grown in preference to any other sort by many whose soil is not well adapted to cabbage growing.

Pkt. 5 c.; oz. 20 c.; lb. $2.00.

Fottler's Improved Brunswick.—This is considered the best of the early, large, hard-heading drumheads. It is excellent for
second-early or summer, and is admirably adapted for fall and winter. It has rapidly grown in public favor, and when of a good strain or stock is hard to equal.

Pkt. 5c.; oz. 20c.; lb. $2.00.

**Henderson's Succession.** This variety heads up uniformly and is large for so early a variety. It is a fine type and is our most satisfactory for main crop.

Pkt. 5c.; oz. 25c.; lb. $3.50.

**Short Stem Drumhead.** A good late variety with large solid heads and good quality. Pkt. 5c.; oz. 25c.

**Improved American Savoy.** Probably the best savoy cabbage. Handsome and of finer quality than other cabbage. Pkt 5c.; oz. 25c.

**Large Red Drumhead.** Solid, bright red, and a good keeper.

The culture for this is much the same as for cabbage. The very early crop is often very profitable, but is rather uncertain, unless the conditions of weather, etc., are just righ'. The main crop should be planted in June. It wants a rich, moist soil.

**Early Perfection.** A sport from Earliest Dwarf Erfurt, favorably commented on by the Experiment Stations. We think this and all the Cauliflower Seed we offer is fully equal to the best imported, being grown by Mr. March, on Puget Sound.

Pkt. 10c.; ½ oz. $2.00.

**Early Snowball.** Very early and reliable in heading. One of the best. Dwarf habit.

Pkt. 10c.; oz. $3.00.

**Earliest Dw'f Erfurt.** We are never able to see much difference between this and Snowball. Both are good.

Pkt. 10c.; oz. $3.00.

**Cabbage and Cauliflower Plants.**

We make a specialty of these. See "Vegetable Plant" list.
CARROT.

In field culture carrots should be sown in drills about two feet apart, from the 1st of May to the middle of June, and thinned to three or four inches. The crop delights in rich soil.

**Early Forcing.** Small, but early, best for forcing and for early bunching, being quite attractive.

- Pkt. 5c.; oz. 10c.; lb. 40c.

**Chantenay.** Fine shape, and probably the best in quality, easy to dig and good size.

- Pkt. 5c.; oz. 10c.; lb. 60c.

**Oxheart.** This is a fine carrot. It is short and thick; easy to dig.

- Pkt. 5c.; oz. 10c.; lb. 60c.

**Chantenay.**

**Danver’s Orange.** A heavy yielder. The roots are always smooth and easy to dig. One of the best for stock.

- Pkt. 5c.; oz. 8c.; lb. 50c.

**CELEY.**

This crop requires very rich, moist soil, and especially if grown on the close plan, as described elsewhere. For the early crop of White Plume, start the plants in March or even February, in greenhouse or hot-bed. We sow the seed in "flats" quite thickly, and transplant as soon as they can be handled nicely. For later crop they may be started in the open ground in April. The seed is slow to germinate and must be kept moist, not wet, until the plants appear.

**White Plume.** The best early celery. The only kind that will blanch nicely when planted on the close plan.

When planted in that way and watered enough, two crops can be grown in a season, on the same ground. When planted on the ordinary plan it need not be banked up as much as the other varieties. It is not as good quality as others, and not a good keeper, but there is generally "more money in it" than other varieties, except for the winter crop. We have never been able to get any seed that did not have occasional green plants amongst it. The proportion should be very small however.

- Pkt. 5c.; oz. 25c.; lb. $2.75.

**Golden Self-Blanching.** This is dwarf, and a thick grower, and needs but little more banking up than White Plume. It also occasionally shows some green plants amongst it.

- Pkt. 5c.; oz. 30c.; lb. $2.50.

**Giant Pascal.** This is a large, solid kind, a strong grower, nutty and good quality. Some think it is about perfection, others that it is too coarse.

- Pkt. 5c.; oz. 20c.; lb. $2.25.

**Golden Heart.** A good kind, the heart being of a beautiful golden color when blanched, and the quality good. We have both the Dwarf and Giant strains. Customers can have either. The Giant is a little the coarser and larger grower.

- Pkt. 5c.; oz. 20c.; lb. $2.00.

**New Rose.** Fine flavor, very crisp and nutty, keeps best, and though red when growing it is beautifully white when blanched.

- Pkt. 5c.; oz. 20c.; lb. $1.75.

**Celeriac.** Turnip-rooted; used for flavoring and for salad.

- Pkt. 5c.; oz. 18c.
SWEET CORN.

The extra early crop generally pays best, and a planting should be made very early, with an-
other to follow closely, also planting some Evergreen to come in as early as possible.

Prices of corn in no cases include postage. The postage is 2c for ½ pt., 5c per pt., and 10c per qt. We furnish 6c packets of all varieties of corn; if the postage is not added to our ½ pt. pkg., when ordered by mail, we will send packets instead.

Burpee’s First of All. We find this a little earlier than Cory. The ears and kernels are large, and the cob is better covered. It is also more dwarf in growth than Cory.

½ pt. 5c; pt. 12c; qt. 20c.; pk. $1.25.

Cory. This continues to be the standard of earliness, and sells well when extra early. The ears are small, and as soon as anything better comes into the market it will hardly sell.

½ pt. 5c; pt. 10c; qt. 18c; pk. $1.00; bu. $3.50.

Black’s Early. This is similar to Cory, but the ears are perhaps a little larger, with always white cobs and kernels, which makes it a better market variety.

½ pt. 8c; pt. 15c; qt. 25c; pk. $1.50.

Early Crosby. A little later than Cory, and the ears are larger and better filled. It is a first-rate intermediate variety.

½ pt. 5c; pt. 12c; qt. 20c; pk. $1.25.

Shoe Peg. This is the sweetest corn we ever ate; the ears are small, and the kernels deep. It comes between the early and the late, and is the best for family use, but of little use for market. The Country Gentleman, has a little larger ear, but we think it is not so sweet, and too small to market. ½ pt. 5c; pt. 15c; qt. 25c.

Improved Evergreen. This is an improvement, on Stowell’s by several year’s careful selection, so that it is much earlier. We were able to get this into market soon after the earlies, and could have sold most any quantity at good prices as it was so large and fine. It is not a red cob variety like some of the early strains of Evergreen, and has a large ear.

½ pt. 5c; pt. 10c; qt. 18c.; pk. $1.00, bu. $3.50.

Stowell’s Evergreen. The genuine old variety. Same price as the Improved.

Mammoth Sugar. This is the largest, and very sweet. It is late and lasts quite a while.

½ pt. 5c; pt. 10c; qt. 18c.; pk. $1.00.

POP CORN.

We have discarded Queen’s Golden. Mapledale we can furnish at the same price as White

Rice, but we think it is not near what it was purported to be.

White Rice. Still the leading market variety. A good popper, and yields well.

Pkt. 5c.; pt. 15c.; qt. 30c.

Variegated. This has different colored kernels on the same ear, and is very attractive. It pops large and white, and the quality is good. It yields well, and ripens early.

Pkt. 5c.; pt. 20c.; qt. 35c.

CUCUMBER.

The extra early crop is very profitable and it pays to start them early on inverted pieces of sod, and get some out in cold frames, thus pushing them along quite a while with the glass, before it would be safe to have them unprotected. The crop for pickles should be planted in early June, using lots of well-rotted manure well mixed in the hills.

Early Frame. Used for forcing, but the cucumbers are short, though the plants are quite prolific bearers.

Pkt. 5c.; oz. 8c.; lb. 75c.

Improved White Spine. This variety is largely used for forcing as well as growing in open ground. Some of our growers mix this and Long Green, half of each, to grow for pickles.

Pkt. 5c.; oz. 8c.; lb. 60c.

Livingston’s Evergreen. We had both this and White Spine for small pickles the past season, and we found this to be far more productive, and the pickles are of good shape and sell well. We would plant it in preference to anything else we have for pickling.

Pkt. 5c.; oz. 10c.; lb. $1.00.

White Pearl. This is one of the finest we have ever seen.

WHITE SPINE.
ANNUAL

But oz.

several considerable we

This is one of the best for pickles, especially for large ones

Long Green. Pkt. 5c.; oz. 12c.; lb. 50c.

Medium Green. Pkt. 5c.; oz. 10c.; lb. 75c.

Giant Pera. These grow to about 18 inches in length, and are of fine quality when sliced. They grow round and smooth.

Pkt. 5c.; oz. 12c.; ½ lb. 40c.

DANDELION.

Broad Leaved.— The most excellent in health-giving properties of all salads, and it comes at the season when it is craved and eagerly sought for. This variety is a decided improvement on the common, and should be cultivated; the leaves are nearly double the width and the plants of immense size. When blanched, by tying the tops together, its quality becomes very fine.

Packet, 10c.; 3 for 25c.

ENDIVE.

Green Curled.— The best fall and winter salad. Very hardy, with beautifully curled dark-green leaves, which blanch white; very crisp and tender.

Pkt. 5c.; oz. 20c.; lb. $1.75.

EGG PLANT.

This has been about as profitable a crop as we have had on the place. The plants need considerable heat in the hot-bed or greenhouse, and have to be handled carefully, transplanting several times, and protecting with hand glasses when first set out.

New Jersey Improved Purple. This is much better, according to our experience, than the N. Y. Purple. Many of our plants bore from five to six large eggs, which we sold ready at $1.00 to 50c. per dozen. It is a very vigorous grower, and not so subject to blight as the old kind.

Pkt. 5c.; oz. 40c.; ½ lb. 1.25.

KOHL RABI.

White Vienna. Seemingly a cross between cabbage and turnip. Best before fully matured.

Pkt. 5c.; oz. 15c.; ½ lb 50c.

LEEK.

American Flag. Pkt. 5c.; oz. 15c.

LETTUCE.

The best early crop can be grown by transplanting into cold frames in the fall, with an extra covering when very cold; but good crops can also be grown by transplanting in the spring, from a green house or hot-bed into cold-frames. For out door crops sow in drills thinly, about a foot apart, and thin out.

Grand Rapids. Especially adapted to forcing, and fine for early crop out of doors. It makes a wonderfully rapid and fine growth indoors, is not inclined to rot, ships well and keeps well.

Pkt. 5c.; oz. 12c.; lb. $1.50.

Rawson's Hot House. A fine lettuce, also adapted for forcing, and making a beautiful head. While it is about the finest thing for forcing, it is not very good for growing out of doors, as it will not do well under extremes of heat and cold.

Pkt. 10c.; oz. 50c.; ½ lb. $1.75.

New Sensation. The introducers of this claim that it is good for forcing, which is contrary to our experience; but we have yet to find a more satisfactory kind for growing out of doors. The heads are just right for market, and very attractive in appearance, the leaves being beautifully crumpled and blistered, something like spinach. The quality is extra fine.

Pkt. 5c.; oz. 35c.; lb. $3.50.

DENVER MARKET LETTUCE.

Denver Market. A fine curled lettuce, especially suited for summer marketing, as it has fine appearance, and is of good quality. The head is rather oblong, and the leaves resemble savoy cabbage.

Pkt. 5c.; oz. 12c.; lb. $1.00.

Tomhannock. This is a fine lettuce for the table, but of little value for market. It makes a sort of a large bushy head, and remains tender and fine a long time.

Pkt. 5c.; oz. 10c.; ½ lb. 40c.

Hanson. Large, solid heads, white heart, crisp and tender, and a good market variety.

Pkt. 5c.; oz. 10c.; ½ lb. 40c.

New York. A dark-green lettuce forming very large heads. The quality is very good, but in our market it does not sell as well as others.

Pkt. 5c.; oz. 12c.; lb. 80c.

Salamander. Claimed to be best for the hot summer months. Light green outside, and white inside. Will stand a long time without bursting or going to seed.

Pkt. 5c.; oz. 12c.; lb. 1.00.
MUSK MELON.

These do best in a moderately enriched, sandy soil, with a shovelful of well-rotted manure, well mixed in the hill. Plant 4 to 6 feet apart, according to variety.

Early Citron. The earliest of all, good looking and highly perfumed, but the quality is poor.

Jenny Lind. The best early green-fleshed melon, but is quite small. It is generally sold in small baskets.

Banquet. Finely netted all over, solid and very thick fleshed; medium size, flesh salmon colored, and the quality is very good, but not as good as Emerald Gem. It ripens after the Gem, and bear a heavier crop.

Emerald Gem. The finest in quality of all the melons we have ever grown. They are early, easy to grow, very productive, and though small, they sell well, for anyone buying them once will want them again. They are emerald-green, with thick flesh and a very thin rind. Owing to their green appearance when ripe, they are not often disturbed by intruders. They grow vigorous, but short, and bear the whole crop near the root. When just ripe enough, if cut in halves and served with a spoon, they are most delicious eating. They can be grown often under very adverse circumstances, so that most any one can grow them.

Miller’s Cream. This grows larger and is more firm-fleshed than Emerald Gem. It is slightly oblong in shape, the quality is good, but not as fine as Emerald Gem.

TIP TOP. A new variety from Columbus, Ohio, with which we are very much pleased. It is large, and uniformly of good quality, whether early or late, large or small. At one fancy vegetable stand it is said to have been selling readily at double the price of other varieties, because those who bought it always knew what they were getting. The size and shape are pretty uniform and about right for market. It is medium in season, and very productive. The flesh is red, thick, and high quality.

Jersey Belle. We have yet to see anything that equals this as an early green-fleshed melon of good size. The cut shows the shape and appearance very closely, and in these respects, as well as in quality they are far ahead of Early Hackensack, which we do not grow at all, on account of its very poor quality, or rather its lack of any quality at all. This variety is of good quality, and customers are not likely to be disappointed in it. It bears very heavily, and the crop comes into market soon after the Jenny Lind.

The crop of seed is limited.

In ordering ½ lb. or more of seeds always add postage at the rate of 8c. per lb. if wanted by mail.
WATER MELON.

The Water Melon requires a warm sandy soil and moderately rich, to do its best. Cultivation is the same as for Musk Melons, but the distance between the hills should be just double.

Stoke’s Extra Early. This is like the Hungarian Honey in shape and size but is rather earlier. It also bears well and is a good variety for home use. Pkt. 5c; oz. 12c.

Seminole. This is a fine melon. The quality is good, the size large enough to market, and it is early. The color is gray and light green. Pkt. 5c; oz. 8c; lb. 40c.

Kolb Gem. Largely grown for shipment to northern markets, and hard to equal for that purpose. It is nearly round, dark green, marbled with lighter shades. Pkt. 5, oz 8, lb. 45c.

Peerless. A solid oblong melon with a thin rind and white seeds. Fine for home use. Excellent quality. Pkt. 5c; oz. 10c; lb. 50c.

Hungarian Honey.—Probably the sweetest water melon. It does not grow large, but almost all are alike in shape and color. They ripen early and are very productive. It is admirably adapted for those who grow them only for home supply and especially for those at the north. Pkt. 5c; oz. 16c.

Green and Gold. A fine yellow-fleshed variety, making a pleasing contrast with the red. Pkt. 5c; oz. 10c; lb. 50c.

MAMMOTH IRONCLAD WATER MELON.

Mammoth Ironclad. The cut shows the shape of this excellent melon. It is beautifully striped with very light green. The flesh is very red, firm, and sugary, and the size is very large, often weighing 50 to 60 pounds and more. The rind being very hard, it is a good shipper. Pkt. 5c; oz. 10c; lb. 50c.

Christmas. Valuable as a keeper, a good shipping melon, and in all respects a good melon. Pkt. 5c; oz. 10c; lb. 50c.

OKRA.

White Velvet. Round smooth pods used in soups and stews. This variety is never prickly, and very productive. Pkt. 5c; oz. 10c.

PRESERVING MELONS.

MANGO MELON.—The size of a large Peach of a bright orange-yellow color, somewhat russeted. When ripening it is hard, but it soon becomes mellow and of good flavor, though not generally liked raw, but makes most excellent preserves, can be fried as Egg Plant, and used in a variety of ways. They are early, easily cultivated, and remarkably productive. They grow on vines, same as musk melons, and require similar cultivation. Packet 5 cts.

COLORADO PRESERVING MELON.—Immensely productive; flesh firm and solid, with few seeds; makes clear, transparent preserves of high quality. Pkt 5c; oz. 8c; ½ lb 25c.
ONIONS.

The ground for onions should be plowed in the fall and heavily manured if possible, getting the seed in very early in the spring. One of our friends in Canada informs us that he sows the seed in November or December, with very satisfactory results.

**Prizetaker.** We recommend sowing the seed of this variety in hotbeds or cold frames and transplanting when about the size of slate pencils, to the open ground, about 4 inches apart in the row, and the rows about a foot apart. In this way an immense crop can be grown. The expense is very little more than by sowing the seed in the open ground, as hand weeding and thinning is saved, and they will yield as high as 2000 bushels to the acre. If the ground is rich and moist, and they are planted out early, most of them should weigh over a pound each, some as high as 2 pounds. We put them up in crates resembling the Spanish Onions. It takes 50 to 60 onions to the crate and such onions are now selling at about $1.20 to $1.30 per crate.

An acre should fill about 2000 crates. These onions are very mild, and if handled right are fairly good keepers, though not as good the Yellow Danvers. **Pkt. 5c.; oz. 30c.; lb. $3.50.**

We can also furnish the plants and crates in season. Prices elsewhere in catalogue.

**American Early Pearl.** This does well when grown in the same manner as Prizetaker, and is used principally to bunch when the size of an egg or larger, and coming into market so early it brings a high price. It is reported to do well if sown in the open ground in August, in which way it makes good strong plants that seem to be able to stand the winter all right. Sets of it can also be planted in September or October. In any of these ways it is a profitable onion. **American grown seed, Pkt. 5c. oz. 3c.; lb. $3.50. Imported, oz. 20c.; lb. $2.00.**

**Danvers Yellow Globe.**—This is the best variety for general crop in the open ground. It is largely grown everywhere and is the leading market variety. It will not pay to transplant this like the Prizetaker.

**Pkt. 5c.; oz. 15c.; lb. $1.75.**

**Red Wethersfield.** The best red kind for dry onions. A goop yielder and keeper.

**Pkt. 5c.; oz. 20c.; lb. $1.60.**

**Barletta.** A very early, small pure white onion; a delicate silver skin, and the best variety to grow for pickling. We sold them the past season as high 20c. a quart. The seed must be sown very thick. **Pkt. 5c.; oz. 25c.; lb. $2.**

---

A Crate of Prizetakers.
Egyptian. When once planted, this comes up year after year without protection, and is such an inveterate grower that it furnishes green onions almost as soon as the frost leaves the ground in the spring. The bottoms divide and these divisions are pulled off and bunched. They sell readily because there are no others to speak of in the market at the time, and they come just when green things are most wanted.

Pt. 8c.; qt. 15c.; pk. 85c.; bu. $2.75.

Onion Setts. Prices of these vary. Write for prices for what you want. Can furnish them in any quantity.

Parsley.

Fine Curled.—Beautifully curled.

Pkt. 5c.; oz. 10c.

Parsnip.

Guernsey An improved strain of Hollow Crown.

Pkt. 5c.; oz. 8c.; lb. 50c.

Peas.

For an early crop plant very early in gravelly or warm soil with a southern exposure, using some fertilizer in the drills. For successsion make repeated sowings in rows 18 inches to 3 feet apart and 3 inches deep in the row.

American Wonder.—Very dwarf, early and fine quality, but not good as a market pea, because it does not bear heavy.

1/3 pt. 5c.; pt. 12c.; qt. 20c.

Guernsey. Mc. Lean's Gem.—Grows 12 to 15 inches high, is very early, and a good bearer. The best early dwarf market variety.

1/3 pt. 5c.; pt. 12c.; qt. 20c.; pk. $1.35; bu. $5.

Alaska. The best early market pea we know of. Grows 2 feet high, is very early, and good quality. It bears a heavy crop, and although many others are claimed to be earlier, when it comes to an actual trial the difference is, as a friend says, “only a matter of a few hours.”

1/3 pt. 5c.; pt. 12c.; qt. 20c.; pk. $1.00; bu. $4.00.

Market Garden. These are second early and an immense cropper. The pods are not very large, but uniform in size and shape, and the quality is good. They grow a little taller than Alaska.

1/3 pt. 5c.; pt. 12c.; qt. 20c.; pk. $1.25; bu. $4.

Stratagem. This has large well-filled pods, and is a heavy cropper. It makes a stiff upright growth over 2 feet tall. The quality of the peas is very fine, and customers who buy them once are likely to want them again.

1/3 pt. 5c.; pt. 15c.; qt. 25c.; pk. $1.75; bu. $6.50.

Champion of England. Seem to be still a universal favorite, grows five feet tall, the peas and pods of good size, and very productive.

1/3 pt. 5c.; pt. 12c.; qt. 20c.; pk. 30c.; bu. 3.00.

Melting Sugar. We find this variety to excel others in sweetness. It is an edible podded variety, and can be used in much the same way as a wax bean. It grows five feet tall, and bears a profusion of large, flat pods, very brittle and tender.

Pkt. 10c.; pt. 50c.; qt. 80c.

Marrowfats. Qt 15c.; pk. 65c.; bu. 2.00.

Prices of peas do not include postage. The postage is 3c. per 1/2 pt., 8c. per pint, and 15c. per qt. We also furnish 5c. packets of all the varieties of peas, except Melting Sugar. If the postage is not added to our 1/2 pt. packages when ordered by mail, we will send 5c. packets instead.

Pepper.

Ruby King. This grows large, is very mild, and one of the most popular kinds for market.

Pkt. 5c.; oz. 30c.; lb. 2.60.

Golden Dawn. Very productive, bright yellow, but not as large as Ruby King.

Pkt. 5c.; oz. 20c.; 1/4 lb. 55c.

Red Cayenne. The best sharp pepper.

Pkt. 5c.; oz. 20c.; 1/4 lb. 55c.

Coral Gem. Very sharp little peppers, wonderfully productive, the plant resembling a bouquet of corals. We sell them by the quart.

Pkt. 5c.; oz. 35c.

Early Sugar Pumpkin.

Pumpkin.

Early Sugar. This is rather small, but very early and sells best when customers learn its fine quality.

Pkt. 5c.; oz. 10c.; lb. 75c.

Nantucket. This is black outside, very yellow inside and very sweet and good for pies. It is later and larger than Early Sugar.

Pkt. 5c.; oz. 8c.; lb. 50c.

King of Mammoth. Fine-grained and of good quality, and valuable for late keeping. It is depressed at the top and bottom and marked with ten or more meridional furrows, and it sometimes attains over 100 lbs. weight.

Pkt. 5c.; oz. 15c.; lb. $1.00.
RADISH.

There are so many varieties so nearly alike that we have tried to get the best from the list. The sowings must be made frequently for the succession. We have the best success with radishes in a sandy or gravelly loam, where no garden crops have been grown for some time, a clover sod freshly plowed being best.

White Tipped Scarlet Ball.—A small round bright scarlet radish, distinctly tipped with white. It can be grown in 15 to 20 days.  

Pkt. 5c.; oz. 10c.; lb. 75c.

Early Scarlet Globe.—One of the best forcing radishes. It begins to form a bulb almost as soon as the second leaves are out. It grows very fast.  

Pkt. 5c.; oz. 1c.; lb. 5c.

Rosy Gem. This is the best early radish for out-of-doors, growing quickly and somewhat larger than Scarlet Globe without getting pithy. It is also good for forcing.  

Pkt. 5c.; oz. 5c.; lb. 50c.

Wood’s Early Frame. A longish red radish about 10 days earlier than the Early Long Scarlet Short Top, and better in every way. It is excellent for early sowing and to grow in cold frames.  

Pkt. 5c.; oz. 10c.; lb. 75c.

Long Cardinal. This is early, smooth, conical shape, intermediate between the long and short varieties. The color is bright firey red. It is crisp and of fine quality.  

Pkt. 5c.; oz. 8c.; lb. 60c.

Chartier. A variety that has given us much satisfaction; of rapid growth and good size. In favorable soil it will grow large and be of excellent quality.  

Pkt. 5c.; oz. 8c.; lb. 50c.

Large White Globe. This is largely grown for market in the summer. It is pearly white, firm, crisp, and of good quality.  

Pkt. 5c.; oz. 5c.; lb. 60c.

Chinese Rose Winter.  
One of the best for winter use. Must be sown the same time as turnips.  

Pkt. 5c.; oz. 8c.; lb. 60c.

Black Spanish.  

Pkt. 5c.; oz. 8c.; lb. 60c.

SQUASH.

The Crookneck must be very early to bring the best price, and may be forwarded by the use of hand-glasses which we offer elsewhere. The Early Marrow may also be got into market 10 days or 2 weeks earlier by their use. A clover sod highly manured and freshly plowed is just the thing if you want a big crop of squashes.

Bush Summer Crookneck. The earliest of all. Covered with a warty excrescence, and the best quality of its season.  

Pkt. 5c. oz. 8c.; lb. 50c.  

Giant Summer Crookneck. This is larger than the above, but with us it has not been so uniform in size and shape. It is only a few days later than the bush.  

Pkt. 5c.; oz. 10c.; lb. 60c.

Early Orange Marrow. 10 days to 2 weeks earlier than the Boston Marrow, and is very productive, orange yellow and sells well. The quality is not as good as the later varieties but the best of its season.  

Pkt 5c.; oz. 10c.; lb. 60c.

The Faxon. We have given this new kind a trial the past season and are pleased with it as a table squash. It seems to us sweeter even than Hubbard, and as a keeper it is perfect. It can be used early, and bears wonderfully. The size is medium, and the color varies from pale yellow to green. The flesh is deep orange, and the seed cavity small; we recommend a trial of this.  

Pkt. 10c.; oz. 40c.; ½ lb. $1.25.

Hubbard. Squashes come and go but it is hard to find anything after all that goes ahead of this. It is the only winter squash that sells well, and is a profitable crop. It keeps well and the quality is good.  

Pkt. 5c.; oz. 10c.; lb. 60c.

Fordhook. Yellow inside and outside, dry and sweet, and keeps well. It withstands insect enemies better than any we have seen, growing fast and rather spindling, in root and vine, and thickly dotting the ground with squashes. They can be simply sliced and boiled, skin and all at any time, and even when only half grown are excellent.  

Pkt. 5c.; oz. 10c.; lb. 75c.
Sibley. This is about the same as Hubbard in every way except the shape, being thicker at the stem end and pointed at the other end. The shell is hard and flinty, but smooth, occasioning little waste. Pkt. 5c.; oz. 10c.; lb. 50c.

**SALSIFY.**

Mammoth. The best variety and the only one we grow. Pkt. 5c.; oz. 12c.; lb. $1.25.

**SPINACH.**

This is an important crop, because it can be sown in the fall when other crops are taken off, and is again out of the way early in the spring. It needs high manuring.

**Bloomsdale.** This is succulent, curled and wrinkled like a savoy cabbage, produces heavy and is claimed to be hardier than the other varieties. Pkt. 5c.; oz. 8c.; lb. 25c.

**Long Standing.** Said to be the best for spring sowing, and is claimed to stand longer before going to seed. Pkt. 5c.; oz. 8c.; lb. 25c.

**TOMATOES.**

The Tomato is now an important crop, and especially are very early ones quite profitable. To get them very early requires good stocky plants. We pinch them back and get them to branch out freely and finally harden them off in cold frames before setting them out.

**Early Minnesota.** This is the most satisfactory early tomato we have ever tried. It is the earliest to ripen considerable of the crop, is always smooth, not very large but uniform in size and shape, does not crack like the Ruby and others, and always colors up nicely all over. We think it a promising new variety.

Pkt. 5c.; oz. 40c.; lb. $4.50.

**Early Ruby.** This is perhaps as early as any in ripening the bulk of the crop. The vines are open and spreading, not very strong growers, but the tomatoes are large for so early a variety. It is somewhat inclined to crack, and does not ripen up as nicely as some, but on the whole it is a profitable sort, and we give it the preference for quality when canned.

Pkt. 5c.; oz. 20c.; lb. $2.50.

**Livingston's Beauty.** Next to Ruby in season and as a general crop tomato it is hard to find anything ahead of it. It is always smooth large enough, colors somewhat pink, is firm, not apt to crack or rot, and bears a good crop, ripening it nearly all. Pkt. 5c.; oz. 20c.; lb. $2.50.

**Ignotum.** This is large, smooth, regular, always solid, not given to rotting or cracking, and very productive. Pkt. 5c.; oz. 20c. lb. $2.75.

**Brinton's Best.** This is also a large solid tomato, even larger than Ignotum. We had this growing near Buckeye State, also a new variety, and we found it far ahead of that as a market tomato, the latter being too soft and most too large. Pkt. 5c.; oz. 40c.; lb. $4.50.

**TURNIP.**

Should be sown broadcast in July, harrowing in just after a rain. The breadstone should be drilled in rows about 18 inches apart, in June and thinned to about 4 or 5 inches apart.

**Purple Top Strap Leaf.** This is probably the best variety for general crop. It grows large without becoming pithy and bitter

Pkt. 5c.; oz. 8c.; lb. 35c.

**White Egg.** A good early variety.

Pkt. 5c.; oz. 8c.; lb. 35c.

**Bread Stone.** This is some thing like a Ruta Baga. It is white, tender, and cooks quickly without strong odor. It is the best to keep for winter use.

Pkt. 5c.; oz. 8c.; lb. 75c.

**Purple Top Ruta Baga.** The best Ruta Baga. Fine for table use, and profitable to grow for stock. Pkt. 5c.; oz. 8c.; lb. 40c.

**TOMATO PLANTS.**

We grow and sell large lots of tomato plants and send them safely to distant points by mail or otherwise. See our Vegetable Plant list.

**LAWN GRASS.**

Best Mixture, qt. 20c.; 5 qts. 75c.; by mail, 6c. per qt. extra. Bushel $4.00.

A cheaper, but good mixture at $3.00 per bushel.
MISCELLANEOUS.

MAMMOTH RUSSIAN SUNFLOWER.
A superior variety, and an excellent egg-producing food for poultry. They fatten well on it, and it has a healthful and strengthening effect on them.

Pkt 5c.; pt 20c.; qt 35c.

STRAWBERRY TOMATO.
[Ground-cherry]
This distinct husk tomato is of a handsome golden color, the size of large cherries, enormously productive, and will keep till midwinter. They have a strawberry flavor, and are unequalled for canning, for pies, preserves, etc., and are indispensable where fruit is scarce or likely to fail. The plants should be started in a hot-bed, and transplanted like tomatoes.

Select seed; packet 5c.

CHUFAS.
These closely resemble a cocoanut and other nuts in richness and sweetness of flavor. They are much grown at the South for fattening poultry, swine, etc. They succeed perfectly here, yielding immensely, and are considered a rich and healthful food. The principal feature against their culture is, the difficulty to harvest them advantageously; but if harvested at the proper time, the Chufas adhere to the plants, when pulled up, and can be shaken into a sieve, and readily separated from the adhering soil. Pkt. 5c.; pt. 30c.; qt. 50c.

DISHCLOTH GOURD.
This derives its name from the peculiar lining of its fruit, which is of a spongy, tough and durable texture. Good for dishcloths, bath-sponges. Pkt. 5c.

DIPPER GOURD.
They make dippers of various sizes, which will last for years. If the vines grow on a trellis, the handles will be straight; otherwise curved. Pkt. 5c.

Broomcorn, Evergreen, qt. 35c.
Cane Seed, Amber, qt. 35c.
Garlic, bulbs, per 1 lb 40c.
Horse Radish roots, doz. 25c.

HERBS. (All 5c. a pkt.; 7 pkts. 25c.)

Anise, Lavender, Summer Savory.
Caraway, Horehound, Sweet Basil.
Dill, Sage, Thyme.

SUGAR TROUGH GOURD.
These Gourds are very useful for many household purposes, such as buckets, basins, nest-boxes, soap and salt dishes, and for storing the winter’s lard. They grow to hold four to 10 gallons each, having a thick, hard shell, very light, but durable, having been kept in use as long as ten years. Pkt. 10c.

NEST EGG GOURD.
This is a rapid climber, quickly covering unsightly objects with a mass of foliage, and later dotted with excellent white nest-eggs, which neither freeze nor crack. They should be planted far away from other vines, as they mix very readily, and even then some overcrowned ones will be found, which make excellent pots for starting tomato or other plants. Our seed is from select specimens grown distant from other vines. Packet 5c.

ORNAMENTAL GOURD.
These are nicely striped, and have handles. They are nice play things for the children. Pkt. 10c.

POTATO SEED.
This is a choice strain, that will produce a variety of kinds, some of which are likely to prove valuable. It includes carefully hybridized seed, from several growers. Pkt. 10c.

GARDEN DOCK.
This distinct and valuable variety grows to a gigantic size, is rich, tender, fine-flavored, and the earliest of greens—about two weeks earlier than asparagus, and some consider it superior to that popular vegetable. Packet 5c.

STACHYS, OR CRONES.
These are remarkably productive when planted in rich soil, but the tubers do not grow over two inches long, and are rather late for the far north, but the quality is generally considered good, when fried or boiled, like potatoes. They are snow-white, and very curious. Doz. tubers, 20c.; 100, 50c.
FLOWER SEEDS.

Amaranthus, Dwarf.—Dark, drooping flower spikes; makes a fine bed planted in a circle with the tall in center. Pkt. 5c.

Amaranthus, Tall,— Pkt. 5c.

Aster, Double Mixed.—A fine mixture of the choicest of these popular annuals. A variety of colors and forms. Pkt. 5c.

Aster, Queen of Spring, White. One of the earliest, and sells well bunched. Most of these were sold by our commission florist at $1. per 100 the past season. Pkt. 10c; ½ oz. 1.50

Aster, Peony Perfection. In three choice colors. One of the best selling asters. Pkt. 5c; oz. 3.00.

Balsam, Double Mixed.—(Defiance strain) We had trouble in getting good stock of these, as they are inclined to become single, but we think we now have choice stock. Pkt. 5c.

Beet, Ornamental Chiliann.—Has large leaves that color very beautifully. Pkt. 5c.

Candytuft, Mixed.—One of the most useful border annuals. Pkt. 5c.

Catchfly, Mixed.— Pkt. 5c.

China Pink, Dianthus, Double Mixed. Few flowers can equal these in beauty and profusion of bloom. Pkt. 5c.; oz. 50c.

Calliopsis, Mixed.—Requires little care and thrives in any garden. Pkt. 5c.

Chrysanthemum, Annual.—These are distinct from the Perennial varieties, and have beautiful flowers. Pkt. 5c.

Cockscomb, New Japan.—The combs are delicately cut. A novelty. Pkt. 5c.

Dahlia, Double Mixed.—Comparatively few are aware that the Dahlia can be grown so easily from seed, and that it flowers so beautifully the first season, that the buying of bulbs is a needless expense. Pkt. 5c.

Four O’Clock, (Marvel of Peru) Mixed.—As easily grown as a weed, with a profusion and diversity of bloom. Pkt. 5c.

Gypsophila, — A mass of tiny white star-shaped flowers. Pkt. 5c.

Helichrysum,—Popular everlasting with globular flowers. Choice stock. Pkt. 5c.

Hollyhock, Double Mixed,—Tall and no blooming plants. Must be sown in the house early to bloom the first season. Pkt. 5c.

Larkspur, Mixed. Of easy culture, Pkt. 5c.

Marigold, Double Mixed,—A well-known annual. Choice varieties. Pkt. 5c.

Mignonette, Mixed.—A universal favorite on account of its fragrance. Pkt. 5c.; oz. 20c.

Morning Glory.—The most popular climber in cultivation Pkt. 5c.; oz. 12c.

Nasturtium, Mixed.—When planted in poor soil it flowers profusely. Pkt. 5c.; oz. 15c.

Evening Star, White.—This has been recently introduced. It grows about two feet tall and bears an abundance of large white flowers. It is fine for a house plant. Pkt. 5c.

Nigella, (Love in a Mist.)—Showy old garden favorites. Pkt. 5c.

Pansy, Fine Mixture.—Everywhere popular for the brilliance and beauty of its flowers and the long season of bloom. Pkt. 5c.

Petunia, Spotted Mixed,—Particularly showy in beds or masses. Pkt. 5c.

Phlox, Drummondii and Star Mixed.—Popular and well-known annuals, thriving everywhere. Pkt. 5c.

Poppy, Double Mixed.—Choice kinds, very fine. Pkt. 5c.

Poppy, Single,— Pkt. 5c.

Poppy, Shirley.—Very beautiful and showy on account of its many colors. Pkt. 5c.

Portulacca, Single Mixed.—Carpets the ground with a brilliant and beautiful bloom. Pkt. 5c.

Portulacca, Double Mixed.—It is always difficult to have them all double, as they soon become single. They are very shy of seedling but we think our seed will give a good percent of double flowers. Pkt. 5c.

Sweet Alyssum.—Small, white, and very fragrant flowers produced all summer. Pkt. 5c.

Sweet Peas, Fine Mixture.—Very beautiful free blooming climbers. One of the most popular flowers. Pkt. 5c.; oz. 10c.; lb. 80c.

Sweet Peas. Queen of England. Large, pure white, sells well as a cut flower. We get 4 to 10 cts. a bunch for them. Pkt. 5, oz. 25c.

Sweet Peas. Painted Lady. Rose-colored flowers, produced abundantly and sell well. Pkt. 5c.; oz. 10c.; lb. 75c.

Sweet William.—A favorite of old-fashioned gardens. Pkt. 5c.

Scabiosa, Mixed.—Effective in beds or borders; good for cutting. Pkt. 5c.

Stock, Ten Weeks.—Desirable for potting or the garden. Very fine, Pkt. 5c.

Verbena, Mixed.—Produces a mass of bloom until killed by hard frost. The plants must be started in a hotbed or in a box in the house. Pkt. 5c.

Verbena. Pure White. Pkt. 5c.

Zinnia, Double Mixed.—One of the most showy plants, and so easy of cultivation that it will always be popular. Pkt. 5c.

Mixed Flower Seeds. — A collection of over 100 varieties and kinds, embracing many that are rare and beautiful. Pkt. 10c.; 3 for 25c,
NEW DOUBLE SUNFLOWER.

We have seen many single and double sunflowers, but have never seen any of as fine as these; in fact it scarcely resembles a common sunflower. It grows five feet tall, branches out freely, and in August and September bursts forth a profusion of beautiful golden flowers -- so beautiful that but for the foliage they would not be known as sunflowers. It has been carefully perfected by selection, and is as easily grown as a common sunflower.

Pkt. 10c. 3 for 25c.

**The Cinnamon Vine.**

This beautiful climber embeds itself from its flowers a delightful Cinnamon odor. It dies down each autumn, but grows up rapidly in the spring, covering an arbor or trellis early in the season. It has beautiful bright-green foliage, and clusters of delicate white flowers. The vines produce bulblets, by which it is propagated, and the tubers are very fine eating and grow to a large size. A correspondent says: "I have an arbor through my garden entirely covered with it. The perfume is so sweet for description, and passers by note it at a distance up and down the road. I have them around windows, porches, and over the garden wall."

We send three tubers postpaid for 25c.; 15 for $1. and 40 for $2.00.

**GLADIOLUS.**

Our mixed Gladiolus embrace a magnificent variety of colors. The spikes of bloom, richness and brilliancy of color are out of all proportion to the trifling cost. Always in demand as cut-flowers. Extra fine mixed, of all colors, 25c. per dozen; 100, $2.00; by express, $1.75.

**SUMMER FLOWERING OXALIS.**

These useful little plants have been much neglected. They are very effective in masses or beds and are particularly valuable for edgings. The bulbs, when planted three inches apart, produce an unbroken row of elegant foliage and pretty flowers. The bulbs, which are about the size of peas, planted the first of May or earlier, will flower by the first of June, and will furnish a neat and attractive border the whole season. For 10c.; 25c. for 15c.; 50c. for 25c.; 100 for 40c.; 500 for $1.50; 1000 for $2.50, of either Dieppl, pure white, or Lasandria, rosy pink.

**IRIS (Fleur-de-Lis).**

The gorgeous flowers of the modern Iris can be compared favorably with many of the Orchids. They are a genus in the Iris, Am-purperea, is one of the hardest, and very effective early blooming bulbs, richly marked and broad leaves. Each, 12c.; doz. 75c.; 100, $2.50

**ASTER PLANTS.**

Strong plants ready for delivery from the latter part of April to June, 15c. per dozen, 75c. per hundred. Mixed or separate colors, choice strains.

**PANSY PLANTS.**

Strong thrifty plants, very choice mixed colors, 25c. per doz., $1.00 per hundred.

**VERBENA PLANTS.**

Assorted colors, or all colors mixed, 25c. per dozen, $1.00 per hundred.

**GERANIUMS.**

Assorted colors, in 4 inch pots, 12c. each. In 3 inch pots, 10c. each. 75c. per dozen.

**COLEUS.**

Assorted colors, 5c. each; 50c. per dozen.

**CARNATIONS.**

Our Carnation plants will be ready to send out from July to October. Prices for the leading varieties used for cut flowers, in greenhouses, 50 to 8.00 per hundred.

**VEGETABLE PLANTS.**

Postage must always be added to the price if wanted by mail. Unless it is stated it will be 25c. per 100.

**ASPARAGUS.**

For prices of roots see "Asparagus" in Vegetable list.

**CABBAGE.**

Our early cabbage is ready to set out by the latter part of March and early April. Mostly Early Jersey Wakefield at that time. From that time on we have a stock of most all the varieties that we catalog, to the end of the planting season. When we ship them they are carefully taken up and packed lightly. Price of plants during March and April, 8c. per doz.; 40c. per 100; $3.50 per M. Plants grown in open ground, 25c. per 100. $2 per M.

**CAULIFLOWER.**

We have mostly Early Snowball and Erupt. Price 12c. per doz. 65c. per 100. for early plants. Open ground plants, 50c. per 100, $1.50 per M.

**CELERY.**

We keep in stock mostly White Plume for early, later Self Blanching, Golden Heart and others.

Prices, 4c. per 100, $3.00 per hundred. Extra strong plants, 60c. per 100, $4.50 per 1000.

**EGG PLANT.**

To grow good Egg Plants requires considerable skill and care. They must be handled carefully and not set out too early. We can furnish small plants about April 15th ready to transplant the second time, at 75c. per hundred and $6.00 per M.

Extra strong plants about May 20th to June 1st at 25c. per ten, $1.50 per hundred, and $12.00 per M.

**HORSE RADISH.**

Pieces of roots about as thick as a finger, and 4 to 6 inches long are best. They are much smoother if replanted each season. Make holes with a small crowbar, and drop the roots in so as to have the top about 2 inches below the surface. Price 15c. per 25; 25c. per hundred, and $2 per M.

**LETTUCE.**

We have Grand Rapids, Rawson's Hot House and others.

Early plants transplanted once, in March and April, 35c. per hundred, 12 50 per M.

**ONION.**

Quite a trade has sprung up in onion plants, lately, and we are trying to meet it, though we did not have enough to go around last spring. The only varieties we have are Prizegazer and Extra Early Pearl. We have had good success shipping these plants. Price, 15c. per hundred, $1.00 per M. Postage 7c. per hundred, 50c. per M.

**PEPPER.**

We generally have Ruby King, Cayenne and others. Price 75c. per hundred, $6.00 per M.

**RHUBARB.**

Victoria, good strong roots, 10 for 50c.; $1.50 per 100. Postage 20c. per 10. Small plants 75c. the above price.

**SWEET POTATO.**

We have tried different varieties for this section and give our preference to Early Golden. We also furnish the Red Bermuda (yam) and others at 40c. per hundred and $3.00 per M.

**TOMATO.**

Good stocky plants. Early Minnesota, Early Ruby, Beauty and others will be ready about May 20th. Local customers get these in boxes, generally 100 plants in a box, and return the boxes. Prices will be 10c. per doz.; 45c. per 100, $1.00 per M. Good plants, not grown with as much room, $2. to $3. per M.
RURAL NEW YORKER No. 2.
This is the most remarkable potato we have ever had on the place. It out-yields every other variety under the same conditions. It makes a robust vigorous growth. The tubers are uniformly large, scarcely any small ones, well shaped, fine looking, and grow compactly in the hill. Few and shallow eyes, white skin, and flesh, and very good quality. What more could one want?Pk. 60c.; bu. $1.75; bbl. $4.50

Delaware. A great yielder, something like the Kural in shape, but not so regular. It is next to the Rural with us in yield. Dry, mealy and good quality. Pk. 50c.; bu $1.50; bbl. $4.

Extra Early. An excellent early kind. Creamy white, shaded with pink; smooth, extra early, good yielder. Pk. 60c. bu. $1.75.

The Freeman. This is a new early potato that will probably be offered by nearly all seedsmen this season. It is very productive, but if the soil is not rich enough there will likely be a lot of small ones. If the soil is rich and contains what it should for potatoes, there will be a big yield of fine large potatoes. Of good shape, russet colored, white flesh, and extra quality. Our neighbor, Mr. Greiner, thinks so highly of the Freeman for quality that he ate his, when they were worth more than 50c. per barrel. He says, "Give me the Freeman every time." Price per pk. 75c.; bu. $2.; bbl. $5.00.

Empire State. A large oblong, white; great yielder. Pk. 50c.; bu. $1.50; bbl. $4.00.

Eyes of the above, postpaid, 10c. per 20 eyes; 20c. per 50; 100, 35c. Other varieties furnished.
STRAWBERRY-PLANTS.

Of all fruits, none, perhaps, so nearly fills the requirements of a universal favorite as this. It is healthful, delicious, beautiful and fragrant; easy to grow, and generally sells at paying prices. There is little excuse for not having an abundant supply, by those who have plenty of ground, (lying waste, perhaps, about the buildings) especially when plants of the finest varieties can be had at so trifling a cost.

The ground in which to plant should be in fine order, and if to be worked with horse cultivator, as it should be, plant in rows three-and-a-half feet apart, and 18 inches to two feet apart in the rows. Draw the runners into the row, cutting those off that are not needed, after the row is sufficiently filled. Keep the cultivator going. Do not let the weeds get started and the task is easy. In early winter blanket the bed with a light covering of wheat or buckwheat straw.

We grow strawberries for market, not merely to sell plants, and we do not offer varieties that are not profitable and satisfactory to ourselves. We have just discarded Michel’s Early, Miner’s Proline and Crawford. The Warfield has disappointed us. The berries are very small, and in a season as dry as the past, it cannot mature the immense crop of fruit which it sets. It may do better in a wet season. Saunders is not as good as Edgar Queen, although much like it. It has a hard core and white tips.

Lovett’s Early and Parker Earle we think have come to stay; but we have no plants of our own growing to spare this season. Manchester does well with us. We have plants of it and Beeder Wood, a promising early one. Also Woolverton and Autumn Wonder. Woolverton is the best early berry we have had this season. Autumn Wonder is nothing wonderful. The plants make a rather poor but healthy growth, and do not bear a crop in the autumn, as claimed, but the quality is fine. It has been a favorite with us for family use. Price of any of them will be 25 cents per dozen, $1.00 per 100.

Postage, 4c. per doz., 25c. per 100, extra.

Haverland. — This bears wonderfully, and its mass of berries are borne on long stems, that push out on all sides. It is not very firm, but its earliness and great productivity make it one of the most profitable varieties extant. It has borne a larger crop the past dry season than any other on the place. It is a pistillate variety.

Doz. 25 cts.; 100, $1.

Bubach. — On account of its great productivity, and the large size of the berries, it is a very profitable variety for a near market, but is hardly firm enough for distant shipment. Is the most vigorous grower we have, hardy, and seems to succeed everywhere. It has pistillate blossoms and like all the other pistillate kinds, a perfect flowering one must be planted every fourth or fifth row, to fertilize it.

Doz. 20 cts.; 100, 90 cents.

Edgar Queen. — This has something of the habit of the Sharpless, but it is a better shaped berry and is more productive.

Doz. 25 cts.; 100 90c.

Gandy. — This is the best late berry in general cultivation, and the berries are so large that they have sold in some markets for 25 to 30 cents per quart. They have a peculiar high flavor and are very firm. Except the Timbrell we have nothing to take its place, and we doubt whether the Timbrell will do it in all respects.

Doz. 25 cts.; 100 $1.00.

Edgar Queen. — This has something of the habit of the Sharpless, but it is a better shaped berry and is more productive.

Doz. 25 cts.; 100 90c.
This is a late berry, and we are of the opinion that it will be one of the most profitable ones for market. The shape of the berry is about as perfect as anything we have seen, and it is firmer than most of the large berries we have now. The Gandy is the only good very late berry we have, but it has one bad fault in not being very productive. The Timbrell is not quite as large perhaps, on an average, but seems to be far more productive, and the quality is really fine, although it does not have the peculiar flavor of the Gandy. It makes a rank, healthy growth, like the Bubach, and we think it is one of the varieties that will long stand at the head of the list of profitable strawberries. E. S. Carman, the conservative editor of the Rural New Yorker, after giving his report of 70 varieties, says: "Were I confined to but one variety it would be the Timbrell."

Price, per dozen, $2.00; per 100, $10.00.

**A GRAND COLLECTION.** All sent by mail, postpaid, FOR ONLY $1.00.

This collection has 2 Plants of TIMBRELL, 2 Parker Earle, 2 Lovett's Early, 4 Van Deraan, 6 Edgar Queen, 6 Autumn Wonder, 10 Bubach, 10 Haverland, 10 Cumberland, and a few choice plants of some new varieties of our own selection. Those who want only a few plants of the new kinds to get a start can do so at a small expense by getting this Collection.

Get your neighbors to send with you. We will send you 5 Collections for $4.
RASPBERRY-PLANTS.

Raspberries are so easily grown, and the improved varieties so cheap, that all who have the ground to plant them should have at least enough to supply their families. Prepare the ground as for planting corn in hills, marking out rows six feet apart one way, and three to four feet the other way. The Gregg and Shaffer's should be planted farthest apart. Spread out the roots well in planting, do not plant the tip varieties too deep, fast the soil well around the roots, and keep well cultivated. Do not let the roots dry; put them in dripping wet.

Postage, 8c. per dozen and 50c. per 100 additional.

**BLACK.**

**PALMER.** This although comparatively new has become the standard Early Black Cap. The canes are of iron clad hardness, strong and vigorous, bearing heavily. The fruit is nearly as large as Gregg, early and is of the best quality. Doz. 50c. per 100 $1.50; 1000 $12.

**TYLER.** The old standard early black raspberry. It is vigorous, healthy, firm, and sweet. Doz. 35c.; 100, $1.00; 1000, $8.00

**OHIO.** Our second early, and a good one. Hardy and productive, and the leading sort for evaporation. Doz. 50c.; 100, $1.00; 1000, $7.50.

**RED.**

**WINANT.** This is claimed to be the best early red Raspberry in cultivation, being more productive than the other early reds, most of which we have discarded on account of their poor bearing qualities. Doz. 50c. one hundred, $1.50.

**CUTHBERT.** Decidedly the best red raspberry in general cultivation, and the leading market sort.

It is hard, very productive, large, firm, and of good quality. Doz. 30c.; 100, $1; 1000, $8.00.

**SHAFFER.** This variety is propagated by tips like blackcaps, but is hard to propagate, and therefore the price is higher. It is decidedly the most productive raspberry. It is unrivaled for family use, and one of the best for canning. The berries are of a dull purplish color, but luscious and sprightly flavor. It succeeds best in light, sandy soil, but does well anywhere except on low wet soil. Doz. 40c.; 100, $1.50 $10. per M.

---

**BLACKBERRY PLANTS.**

This is one of the most profitable berries, and is easily grown. It requires shallow cultivation or a mulch of leaves, straw or manure. Plant in rows seven feet apart, and about two to three feet apart in the row. Keep in rows one way.

Postage, 8c. per dozen; 50c. per 100 additional.

**SNYDER.** An early variety and the standard for hardiness; very productive. Doz. 50c. 100, $1.75

**STONE'S HARDY.** This is a reliable hardy sort, sweet, larger than Snyder, marvelously productive, weighing low its strong canes with the burden of fruit. Doz. 50c.; 100, $2.00.

Taylor's Prolific.—Large and sweet; late and very productive. Doz. 60c.; 100, $2.00.

---

**CURRANT BUSHES.**

Prices are for 2 yr. old bushes, which are too large to mail. We furnish 1 yr. olds at 2 less than the price of 2 yr. old

**FAYS PROLIFIC.** The nearest approached to perfection in currants. Postpaid, each 15c.; Doz. $1.25

**VERSAILLES.** The best and most popular of the older kinds. As large as Cherry currant and more productive. Doz. 75c.; 100 $4.

**LEE'S PROLIFIC.** Best black. Doz. 75c.; 100, $4.00.
GRAPE VINES.

The cultivation of the grape is so simple, and the vines come into bearing so quick, that even those having limited space need not be without a supply, if a little care is taken and a good selection made. The grape ranks first among fruits that are conducive to health and vigor. Plant in rows 8 feet apart and 6 to 8 feet apart in the rows. Firm the soil well on the roots, cultivate freely, and prune back each spring. The following list embraces the most reliable varieties.

NOTICE.—Prices quoted are for 1 yr. No. 1 vines, unless otherwise noted. Price of 2 yr. No. 1 by 1⁄4 more. Our vines are grown in the open ground, and are strong, healthy and well rooted.

Postage on vines, 20 cents per 10 and 4 cents each on single vines, additional to prices annexed.

GREEN MOUNTAIN. This is, as far as we know, the most profitable, as well as by far the earliest white grape in cultivation. It ripens about Aug. 27th in this section. The quality is really fine for so early a grape, and it is healthy, hardy and a good grower, and bears a good crop. It is the most promising early grape we know, and it will no doubt be largely planted for early market. We are confident if it does as well at other places as it does here, none of our customers will be disappointed in it. Price, strong vines, $1.00; 10, $6.00.

BRILLIANT. This is a seedling of Lindley, crossed with Delaware, with which it ripens, and the quality is excellent. It is brilliant red, and the clusters and berries nearly or quite as large as the Concord. The vine is vigorous, hardy and prolific. Hon. Geo. W. Campbell, of Ohio, speaks of it as a "grape of remarkable excellence, adapted to general cultivation, as it has proven satisfactory in all respects." Price, $1.00; 10, $7.50.

MOORE'S DIAMOND. This is of Concord parentage but is a white grape that promises to take the lead in that line, surpassing Niagara in appearance, and better in quality. Berries and bunch large. The vine is a strong grower, with healthy foliage, and is a very abundant bearer. Price, 20c.; 10, $1.50; 100, $8.00.

MOYER. A red grape much like Delaware, and as early as Moore's, a little larger berry than the Delaware, but not so compact a cluster. It is also harder than Delaware, and is a short-joined, rather slow grower, and does not do its best until five to six years old, after which time it is one of the most profitable grapes in cultivation.

TWO-YEAR NO. 1 VINES, 20c. each, $3.00 per 10.

EATON. This new black grape is becoming quite popular, having very large black-blue berries covered with a thick blue bloom, and has large clusters; ripens with or a little earlier than Concord, is juicy and free of foxiness. 50c. each; 10, $3.00.

EMPIRE STATE. Is healthy, productive and vigorous, and of the finest quality. In health of foliage and habit of growth it resembles our hardy native varieties, and in quality it has something of the fine flavor of the foreign. It has large handsome clusters. 10c. each; 10, $1.25; 100, $10.00.

NIAGARA. This is remarkably vigorous and productive, as well as healthy and hardy, and for many sections is no doubt the best white grape grown. 10c. each; 100, $6.00.

BRIGHTON. A fine, large, dark-red grape; a strong grower with healthy foliage, and is productive and of excellent quality. It ripens early, and is, in all fair-sized grape-growing localities, one of the most profitable and satisfactory grapes for garden and vineyard planting. With us it is entirely hardy, but it is said to require protection where subject to excessive cold. 10c. each; 10, 3c.; 100, $6.

WORDEN. This may be called an improved Concord. It is a week to ten days earlier and is as hardy, healthy, and productive, and by some considered of better quality. We think it is preferable to Concord, and it is decidedly so where Concord does not always ripen perfectly. 10c. each; 10, 3c.; 100, $5.

CONCORD. Popular, well-known, succeeding everywhere, and abundantly producing fruit of good quality. Each, 10c.; 10, 5c.; 100, $3.

LADY. This is a fine early white grape. Healthy, hardy, but not a strong grower, and should be planted in rich soil. 10c. each 10, $1.70.

Five of a kind, at the rate per ten. Ten, not less than three of a kind, at the same rate.

GOOSEBERRIES.

CHAUTAUQUA. This is a new Gooseberry of the English type, of a beautiful golden yellow, and is a most abundant bearer. The illustration is from the end of a branch, and shows its great productiveness. The Geneva Experiment Station calls it the best of their large collection.

Price, each, $1.00 each; 10, $8.50 per ten.

INDUSTRY. Exceedingly large, dark-red berries, and very productive; of good quality. Each, 5c.; ten, 30c.

DOWNING. The largest American variety. Whitish green, and good quality. 10c. each; $1.00 per ten.

HOUGHTON. This is rather small, but very productive, a healthy grower, pale red berries. 10c. each; 10, 75c.

THE CHAUTAUQUA.
FRUIT TREES.

We do not grow fruit trees ourselves, but as many are grown in this section, one man making a specialty of pears, another of peaches, plums, etc., and each growing their particular varieties and kinds to perfection, we can get for our customers the very best stock that can be had. Orders for trees must not be for less than $1.00, and you must tell us how they are to be shipped, and to what station. All orders for fruit trees should be sent in not later than March 15th. If later we may have to substitute some varieties with others of equal value, unless you expressly forbid it, in which case we will return the money.

APPLES.

We especially recommend the following varieties: Early Harvest, Red Astraclan, Golden Sweet, Maiden’s Blush, Dutches of Oldenburg, Alexander, Tetofskey, Twenty Ounce, Baldwin, Grimes’ Golden, Ben Davis, Fallwater, Rambo, Mann, Rhode Island Greening, Jonathan, King, Wealthy, Roxbury Russet, Stark, Northern Spy, Peeaukee, Talman Sweet.

Crab Apples. Siberian, Transcendent, Hyslop.

Standard, five to seven feet, each, $1.80; doz. 100, $14.00. Four to five feet, first-class trees, 15c. each, doz. $1.40; 100, $12.00.

Yellow Transplant. From all accounts this is the best early apple in cultivation. It bears early and abundantly, and is just the right quality for cooking, or eating out of hand, and is excellent for shipping.

First-class, 25c. each; dozen, $2.25.

Red Beitzigheimer. A roundish to conical shaped, cream colored apple. covered with purplish crimson; brisk pleasant flavor; free grower and abundant bearer.

First-class, 25c. each; dozen, $2.25.

PEARS.

Best varieties are, Bartlett, Clapp’s Favorite, Osband’s Summer, Tyson, Duchesse d’ Angouleme, Flemish Beauty, Louise Bonne, Seckel, Sheldon, Keiffers Hybrid, Anjou, Lawrence, Vicar of Wakefield.

Standard, five to seven feet, first-class, 35c. each, $20.00 per 100. Medium size, 30c. each, $18.00 per 100.

Duchesse d’ Angouleme, Louise Bonne, dwarf, three to four feet high, 35c. each, $20. per 100.

Idaho. Extremely hardy, ripens a month later than Bartlett, and in the best quality at that season; flavor delicious, sub-acid, and spicy.

Each, 4 to 5 ft., 40c.; doz. $4.00.

Wilder Early. A new early pear; small, well-shaped, pale yellow; a good shipping and market pear, beautiful and good quality.

Each, medium size, 50c.; dozen, $5.00.

Vermont Beauty. A free grower, hardy, and an annual and abundant bearer. It ripens early, a little after Seckel, is larger, better, and very fine quality.

Each, 50c.; doz. $5.00.

CHERRIES.

Sour Varieties. 4 to 5 feet high, 30c. each. Early Richmond, May Duke, Large Montmorency, Olivet, Louis Phillippe.

Sweet Varieties. 30c. each. Black Eagle, Black Tartarian, Yellow Spanish, Governor Wood, Napoleon, Windsor, Elton.

PLUMS.

Five to six feet high, first class, 30c. each; $25.00 per 100. Four to six feet, 25c. each; $20.00 per 100.

Best varieties are, Lombard, German Prune, Coe’s Golden Drop, Imperial Gage, Abundance, Niagara, (or Bradsaw,) Quackenboss, Ogon, Burbank, Satsuma.

PEACHES.

Four to six feet high, 12c. each; $9.00 per 100. Best varieties are, Amsden, Alexander, Crawford’s Early, Wheatland, Mt. Rose, O. M. Free, Stump the World, Crawford’s Late, Waterloo, Wagner, Salwiy, Hyne’s Surprise.

CROSBEY. A new peach of ironclad hardness, and one that will grow and bear where others fail. It is a beautiful yellow, and of most excellent quality, and a very small pit. It ripens between Early and Late Crawford, and bears better than either. Price, 4 to 5 ft., 30c. each, $3.00 per dozen.

Elberta. This comes soon after the Early Crawford, and is much like it in appearance. It is a fine peach in every way. One of the most extensive peach growers has planted 60000 Elbertas,—more than any other kind.

Price, 15c. each, 100, $12.00.

QUINCES.

Orange, three to four feet 25c. each; Champion, 30c. each; Meech’s Prolific, 55c. each.

MULBERRIES.

Downing’s Everbearing, five to six feet, 45c.

NORWAY SPRUCE EVERGR'NS.

Just the thing for hedges, shelterbelts, etc. Small trees, 6 to 8 inches, we send postpaid for 25c. per dozen or $1.00 per 100. By express, 50c. per 100. These can be planted in the garden and let grow there several years, or set out to remain. Great care must be taken in handling, for if they are at all exposed and the roots become dry they will be almost sure to die.

ORNAMENTAL CLIMBERS.

Hall’s Japan Honeysuckle, 40c. each; Clematis, small, blue and white 40c. each; Wisteria, American, 40c. each. Ampelopsis Veitchii, 40c. each.
SUPPLIES FOR GARDENERS.

Plant Boxes or "Flats."
These are made light and strong, and are just the thing to start seedlings in, as they can be carried about easily, and are also useful for selling plants, always having a certain quantity in each box. Price, complete, 15c.; stuff in flat, in lots of 10, 85c.; 100, $8.00.

Plant Protectors.
By means of boxes something like that shown in the adjoining cut the growth of squash and other vines may often be pushed forward a month or more. As they nest together, they do not occupy much room when not in use. An 8x10 glass slides in a groove in the top. After all danger of frost is past the glass may be drawn out, but the box is left on as a protection against bugs. If the bugs are very bad, however, you will have to tack on cheese cloth. It is not a long job to slide the glasses back when the weather is mild, and close them up again when frost threatens. Price, 85c. per 10, $7.50 per 100, in the flat without glass. Glass to match, $2.00 per box of 50 square feet. There are about 90 lights in a box. Shipped direct from the factory.
The wire cloth basket is preferable as a bug protector after the season for frost is past. The price of these is 48 cents per 10; $4.50 per 100.

Plant Bed Cloth.
This is used on sash in place of glass, being much cheaper. It does very well when the weather is not too severe. It is better than glass for "hardening off" plants, as it protects at night and does not raise the temperature so much in the daytime. The medium grade is best for general purposes. Price 8c. per yard. Per piece of 50 yards, 7½c. per yard. Heavy grade waterproof, 10½c. per yard, per piece of 40 yards 9½c. per yard.

Green-House or Hot-Bed Sash.
Our sash is grooved for sliding the glass in, requiring no putty, and are easily repaired. They are made of clear pine, and should be well painted before being used. Price in flat ready to put together, no glass included, $7.50 per dozen.

Glass for Hot-Bed Sash.
Price of 8 by 10 single, $2.00 per box. Price, subject to change. There are 150 feet in a box making about 90 lights to a box.

Putty Bulbs.
This is a rubber bulb with a nozzle for running putty along where the glass lies in the sash. No person with half-dozen sash should be without one. Full instructions for preparing the putty with each bulb. 15c.; by mail, 20c.

Breen’s "Finger Spade."
This little implement, as seen by the cut, is worn on the forefinger, or on several fingers, and is provided with a small spade. It can be worn with or without gloves, and protects the fingers from dirt and injury, and permits operations in weeding and otherwise treating plants that cannot be performed with the bare fingers. The inventor, a gardener, hit upon this to facilitate his work. Price, 10c.; postage, 1c. extra.

Bushel Boxes.
The cut shows the all-slatted box. We furnish two other styles; one only the sides slatted, called the slatted box; the other is tight, and is bound with strips of galvanized iron, called the bound box. For handling potatoes and other crops, nothing could be handier, as they can be
left in the boxes until sold, and as they hold a bushel when even full, they can be piled one on top of the other. They are of such a size that two go crosswise in an ordinary wagon box. The above cut shows two all-slatted boxes nailed up, and a bundle of fifteen along side; 13 of the 15 are in the flat packed inside the other two, and nails of the proper kinds are included. The

slatted and galvanized bound boxes are put up in the same way, only there are only 12 in a package instead of 15.

All-slatted bushel box per crate of 15 $1.65
Slatted " " " 12 1.65
Bound " " " 12 2.25
In lots of ten crates, 5 per cent discount will be deducted. Price each, nailed, $1.00, $1.50, and $2.00, $2.50 respectively.

**The Levin Pruner.**

We like this better than any other pruning shears. It is light and strong and makes a smooth, clean cut. It must be tried to be appreciated. Price, $1.00. Large size, $1.50. by mail, postpaid.

**Insect Powder.**

The surest thing to kill all sorts of small insects, (laying them out dead in a few minutes) of anything we have ever got hold of. If used in the insect powder bellows offered below, a very little of the powder is required. Price per lb. 50c.; oz. 5c. By mail 18c. per lb. extra.

**Insect Powder Bellows.**

With this instrument you can fill the room or greenhouse with such a dust that every insect must die. The powder may make you sneeze, but is not injurious. Price $1.00.

**Slug Shot.**

This is a powder poisonous to insects, either killing them or driving them away. It has been on the market over nine years and a vast quantity has been sold; and so far as known, no injury has come to man, beast, or fowl, by handling it, inhaling its dust, or using fruits and vegetables on which it was used. For the destruction of the striped bug, black fleas, and the green cabbage worm, we know of nothing so effectual.

Tin Canisters with perforated top, filled, each 25c.; by mail, 35c.: 5 lb. pkg., 30c.; 10 lb. pkg. 50c.; bbl. weighing about 285 lbs., 4c. per lb.

**Powell’s Fruit and Flower Soap.**

A complete fertilizer and insecticide. Dissolve a piece as large as a walnut in a gallon of water, syringing or spraying the plants well. It will completely rid them of fungus diseases and insects, and act as a fertilizer at the same time.

1 lb. cake, 25c.; by mail, 40c.

**Powdered Tobacco.**

One of the best and cheapest insecticides. Sprinkle over and around lettuce plants in greenhouse, and melon and other vines just as they are coming up. 5 lbs. 3c. per lb.; 10 lbs. 2½c. per lb.; 25 lbs. 2c. per lb. 100 lb. $1.75.

**Bordeaux Mixture.**

A sure cure and preventive for black rot, mildew, and rust. Dissolve 10 lbs. in 25 gallons of water, and apply with a sprayer. Price of 20 lb. pkg. $1.00.

**Powell’s Prepared Chemicals.**

These are for making Fertilizers at home. It is put up in barrels and contains Potash, Bone Phosphate, Ammonia, Magnesia, and Phosphoric Acid, sufficient to make a half ton of good fertilizer. Mix a barrel of it with 20 bu. of compost of unleached ashes, fine manure, ground from around the woodpile, hen droppings etc. Put a layer of the compost on a pile then a thin layer of fertilizer etc., letting the whole stand for 34 hours then mix it and it will be ready.

Price of a barrel, $8.00. Specify to what crop it is to be applied.

**We sell Powell’s Fertilizers, specially prepared for all crops. Let us know what you want, and ask for special circular and prices.**

**Daisy Wheelbarrow.**

The strongest and lightest barrow for gardeners, and for general use. Has steel wheel, axle and springs. Springs have adjustable bearings. Will carry 500 pounds and weighs only about 35 pounds. Price, $4.00; the larger size, $4.50
CENTRIFUGAL SEED SOWER.

This machine probably has no equal for sowing clover and other fine seeds broadcast. It will sow from the coarsest to the finest grain, and anyone knowing enough to walk straight across the field, can, with little practice, sow better, and more than three times as fast as the most experienced hand sower. The seed is evenly distributed, and being thrown horizontally is not blown to one side of the operator in streaks when windy. It is convenient, light and durably built, and warranted to give satisfaction. The price, only $3.00, is its final recommendation.

The Cambridge Lawn Mower.

Claimed to be the simplest and lightest running, and the only practical self-sharpening mower on the market. The adjustments are simple, and only first-class material is used in their construction. Price, ten inch, $4.00; 12 inch, $4.50; 14 inch, $5.00.

The "Clipper" Seed Cleaner.

The best mill for cleaning seeds and grain. The No. 1 is especially for general or farm use, and the price is $20. The No. 2 is for seed-cleaning only, and does it to perfection. If you want a good cleaner, let us hear from you. We have a No. 1 that we used a very little; it is practically new, but we will sell it for $15. Price, No. 2, new, $25.

Dove-tailed Bee Hives.

We have a number of these excellent hives fitted as follows: The lower story has frames and foundation, and the two upper half-stories are filled with one lb. sections and starters. The hives will be painted and all ready for a swarm of bees. Price, each $1.75 as long as our stock lasts. All wood brood frames to fit the above or simplicity hive, $1.75 per hundred. In flat, $1.25. 44 by 41 by 17 sections, $3.50 per M. Comb foundation, for brood frames, 40c. per lb.; light, for sections, 50c. per lb. Cold Blast Smokers, 50c. each. By mail, 75c.
The Planet Jr. Horse and Hand Implements.

The Planet Jr. Combined Hill Dropping and Fertilizer Drill.

This tool is also new for 1892, and as a drill is exactly the same as the machine just described. The fertilizer hopper holds one peck. The fertilizer can be sown in any quantity necessary, either above or below the seed as desired, by setting the plow deeper or shallower than the other. The drills may be satisfactorily used also to sow either seed or fertilizer alone. The amount sown is regulated accurately by the dials, and the discharge of both may be stopped and started instantly, either separately or together, thus avoiding all loss at the ends of the row. Like the plain Hill Dropping Drill, it does not sow when drawn backward, and can be quickly thrown entirely out of gear. This machine will be a great boon to all farmers and market gardeners. It is thoroughly well made and guaranteed to do satisfactory work.


This is unquestionably the most popular and perfect machine of its kind made. As a seed drill it is the same as the No. 1, except in size; it holds one quart. It has all the tools shown in cut. All blades are steel, tempered and polished. The hoes are invaluable in preparing the ground for planting, for covering seed, first cultivation, etc. The hoes work closely and safely all rows up to 16 inches wide at the passage, leaving the ground nearly level. The hoes open furrows, covers them, hills, plows to and from, etc. The Cultivator teeth are admirably adapted to deep mellowing of the soil and marking out. Taken as a whole, this combined tool is the nearest approach to perfection for the uses of a gardener that can well be devised in a single implement.

The "Fire-Fly" Single Wheel Hoe, Cultivator and Plow Combined.

This convenient tool was rapidly convinced gardeners of its high merits. It combines lightness and strength with great adjustability, while its highly polished and tempered tools make gardening comparatively a pleasure. The tools are all made after the most perfect models, and are: First, a pair of admirable hoses, which can be set to work to and from the row, and to any desired depth. Next, a set of three reversible Cultivator Teeth, to be used together or singly, or in conjunction with the hoes. Third, a large excellent Garden Plow. The whole tool is light and strong, attractive in appearance and capable of standing hard usage for years, while the price is its final recommendation.
Planet Jr. Twelve Tooth Harrow, Cultivator and Pulverizer.

For fine cultivation, either deep or shallow, this tool has no equal. The recurved throat and high frame prevents clogging, and the reverse position given to the teeth in a short time by the changing of a single bolt in each. It is provided with a new '92 Lever Wheel, used to regulate the depth with exactness, and also Pulverizer, which leaves the ground in the finest condition. The Pulverizer is controlled by a lever, which can be operated in an instant by the foot while in motion. The Pulverizer may be reduced in width by taking off the outside teeth, and the tool may be used to straddle a row, cultivating both sides at once.

As a Harrow, the work done is most perfect, and with the teeth turned backward it is admirable for very ground and leveling, and for crops just breaking through the surface. Weight, packed, 60 lbs.

Large Planet Jr. Catalogue, fully describing these and other tools is sent free, on request. Send for it.

Reduced Net Cash Prices for Planet Jr. Tools.

<table>
<thead>
<tr>
<th>Tool</th>
<th>Reduced Price</th>
<th>New List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Hill Dropping Drill</td>
<td>$10.00</td>
<td>$15.00</td>
</tr>
<tr>
<td>New Hill Dropping and fertilizer Drill</td>
<td>$15.00</td>
<td>$20.00</td>
</tr>
<tr>
<td>No. 9 Drill, listed</td>
<td>$9.00</td>
<td>$12.00</td>
</tr>
<tr>
<td>Combined Drill, $12.00</td>
<td></td>
<td>$18.00</td>
</tr>
<tr>
<td>Double Wheel Hoe, with attachments</td>
<td>$6.00</td>
<td>$8.50</td>
</tr>
<tr>
<td>Plain Double Wheel Hoe, listed</td>
<td>$4.50</td>
<td>$6.00</td>
</tr>
<tr>
<td>Single Wheel Hoe, etc.</td>
<td>$5.50</td>
<td>$7.00</td>
</tr>
<tr>
<td>Fire-Fly Single Wheel Hoe, Cultivator and Plow combined</td>
<td>$4.00</td>
<td></td>
</tr>
<tr>
<td>No. 6 Horse Hoe, with Cultivator teeth and wheel, listed</td>
<td>$12.00</td>
<td>$18.00</td>
</tr>
</tbody>
</table>

ROSES.

A Collection of three beautiful Everblooming Roses, for 40c. All Postpaid.

Every lover of Roses should send for this Collection. It is intended to please everybody.

GEORGE PEABODY. Glowing crimson; fine.

CORNELLA COOK. Perhaps the finest white, very large, double.

ISABELLA SPRUNT. Light canary yellow; largely used for winter blooming; buds medium size, good shape, and very fragrant.

Any of the three, postpaid, 20c.

I also offer a few plants of the ANTHEMIS CORONARIA.

A most beautiful plant. Nothing could be more showy, either as a pot plant or bedded out. It is a perfect mass of rich, golden yellow flowers, the whole year round; equally useful in winter as in summer. Price, 30 cts. each.

**Double Fuschias, 10c. each.** Mrs. E. G. HILL. Flowers very large, and freely produced; corolla pure white and double; sepals dark red. A fine variety.

Abbie Garni-r. Lilac corolla; dark scarlet sepals.

**Double Geraniums, 10c. each.** WHITE SWAN. Pure white, a grand variety.

GRAND CHANCELLOR. Deep Crimson.

GOLDEN DAWN. Brilliant orange scarlet.

One each of the above 9 plants, $1.00. Plants will be ready after the 15th. of Feb.

ADDRESS.

A. GASSMANN, SANBORNS, N. Y.
Success in Market Gardening.

This handsome volume of 240 pages is from the pen of Mr. Rawson, of Arlington, Mass., and gives the ideas gathered with an experience of thirty years in market gardening on a large scale, for the Boston market. Mr. Rawson is also a large grower of crops under glass, and he gives in detail the best methods of growing crops under glass and out-of-doors. Every phase of the business is gone over in so thorough a manner that we think anyone engaging in the business should not fail to read the book.

It is neatly bound, printed and illustrated, and the price is $1.00. By mail, postpaid, $1.00.

New Onion Culture.

This interesting little work, is from the pen of our neighbor, T. Greiner, the well-known writer and editor, and it gives every detail of the new method spoken of on another page. It treats the subject in a practical, and interesting manner, and we think even those who do not grow onions may be profited by reading it.

The price is 50 cents. We give a copy free, with an order for seeds in pkts. to the amount of $1.50; or with an order for seeds when they are in oz., lb., pint or quart packages, of $2.50.

TRACTS.

Present Nominal Church, 8c. per ten 75c.
The Millennium, 10c. 80c.
Awakening Call, 3c. 25c.
Christian Fellowship, 3c. 25c.
Acceptable Prayer, 3c. 20c.
Resist Not Evil, 2c. 15c.
The Yoke of Sin, 2c. 15c.
Education of Children, 2c. 1c.
One each of the last six, in one package, 10c.
Anyone sending a $2.00 order of any kind, can select 15 cents worth of above tracts, after taking advantage of other discounts or premiums.

C. WECKESSER, Niagara Falls, N. Y.

The most valuable and practical American Horticultural publication. DEPARTMENTS: The Flower Garden, Trees and shrubs, The Greenhouse, The Window Garden, The Fruit Garden, The Vegetable Garden, Insects, and other Pests, Mushrooms, and others in season. See what subscribers say about this valuable Journal:

"For condensed common sense in gardening matters, for reliable, unprejudiced, safe information GARDENING cannot be surpassed, and although moderate in size it expands upon peril." W. C. Egan Highland Park, Ill.

"I am pleased to renew my subscription to GARDENING. It is the brightest and best paper that comes to my desk relating to gardening." HENRY BOOL, Ithaca, N. Y.

"I consider GARDENING one of the best publications that I read. When bound it will be an encyclopedia of standard knowledge to any one interested in horticulture." J. B. Rawden, Troy, N. Y.

"I have found GARDENING highly satisfactory and feel entire confidence in the maintenance of the standard of interest and utility that you have established." JULIAN S. ALLN, Hartford, Conn.

"I regard GARDENING as one of the most practical magazines issued in the interests of horticulture." W. F. MACARA, Waterville, N. Y.

"The paper is the most practical of any I read." W. E. ABB, Fond du Lac, Wis.

"I consider GARDENING the best paper for amateurs published." C. E. KEMP, Frederick, Md.

"I get more practical information from GARDENING than from journals costing three or four times as much, but that are disposed to run to sentiment rather than to the practical features, which with me are the important ones." A. W. CARSON, Joplin, Mo.

"I would not miss GARDENING on any account. I consider it of great value to all who are interested in practical work with plants." B. M. WATSON, JR., Jamaica Plain, Mass.

Bussey Institution of Harvard University.

"It is a delightful paper and has been very interesting and instructive to me." FRANK HITCHCOCK, Davenport, Ia.

"I have found GARDENING extremely useful and interesting. You have given your subscribers a great deal more than their money's worth." CHAS. E. BROWN, Yarmouth, Nova Scotia.

"Such a publication was long needed in this country. Every line of its contributions is a lesson in itself to many professionals as well as to amateurs." JOHN BERRY, Gardener to Senator Wolcott, Littleton, Colo.

"GARDENING is one of the welcome publications which come to my library table. Indeed I should greatly miss looking over its bright and instructive pages." J. E. LESTER, Providence, R. I.

"Am well pleased with the paper, every article is so plain." S. J. TREPPES, Brookline, Mass.

"I gain a great deal of information from GARDENING and am more than pleased with it." ARTHUR BOYLE, Santa Fe, N. M.

"I could not think of doing without GARDENING. It is a necessity and every number is carefully saved for reference." MRS. H. W. HAND, Whitehall, Ill.

"Your paper has been very satisfactory and I take pleasure in sending remittance for another year." S. J. Andres, Montreil, Que.

"Gardening is the best horticultural paper printed in America." CHAS. L. BURR, Springfield, Mass.

"I am greatly pleased with the paper. It is practical and suggestive. Its reproduction of photographic views of plants, flowers and landscapes is a most admirable feature." W. M. Johnson, Hackensack, N. J.

THE GARDENING CO., Monon Building, CHICAGO.
This, and our 50 ct. collection go well together, and if both are ordered at the same time, they will be sent postpaid for only $1.00. We can make no change in this collection, but will sell any variety separately for 5c. a packet.

Our ILLUSTRATED CATALOGUE describes a general assortment of Seeds and Plants, tells the truth about new and old varieties, the prices are always low, and it is sent free with an order for this collection if you mention this paper, or it can be had by sending your address on a postal card.

Show this offer to your friends and get them to send with you for their seeds. — Canada orders are filled at our Canada office so customers have no duty to pay. Address plainly,

CHRISTIAN WECKESSER,
Niagara Falls, N. Y.
A NOVELTY COLLECTION OF SEEDS.

Aside from our 65c. Collection our customers should have some of the newer varieties, some of the best of which we offer in this Collection which we send postpaid for only 50c.

PRIZE-TAKER ONIONS

Barney's Bush Lima Bean.
Golden Heart Celery.
Black's Early Sweet Corn.
Variegated Pop Corn.
White Pearl Cucumber.
Top Musk Melon.
New Sensation Lettuce.

Prize-taker Onion.
Early Sugar Pumpkin.
Alaska Peas.
Wood's Early Frame Radish.
Pordhook Squash.
Early Minnesota Tomato.
Breadstone Turnip.

This and our 65c. Collection are both sent postpaid, to any address for only $1.60, and make a complete assortment of the best new and old varieties. We will send the three Collections on this page postpaid for only $1.45. This offer is certainly in keeping with the times. Show it to your neighbors and friends, and get them to send with you.

A COLLECTION OF CHOICE POTATOES!

For a number of years we have been sending potato eyes by mail with good results, and our customers appreciate this way of getting a start of new varieties. From a number of varieties the four we offer below make a strong team. We send the eyes by mail at planting time, and guarantee their safe arrival, in good condition for planting. We leave a good-sized piece of potato with each eye.

RURAL NEW YORKER No. 2.
This is the most remarkable potato we have ever had on the place. It out-yields every other variety under the same conditions. It makes a robust vigorous growth. The tubers are uniformly large, scarcely any small ones, well shaped, fine looking, and grow compactly in the hill. Few and shallow eyes, white skin, red flesh, and very good quality. What more could one want?

Delaware. A great yielder, something like the Rural in shape, but not so regular. It is next to the Rural with us in yield. Dry, mealy and good quality.

The Freeman. This is a new early potato that will probably be offered by nearly all seedsmen this season. It is very productive, but if the soil is not rich enough there will likely be a lot of small ones. If the soil is rich and contains what it should for potatoes, there will be a big yield of fine large potatoes. Of good shape, russet colored, white flesh, and extra quality.

Pootatuck. This is always a great favorite because of its high quality and extra earliness. It is earlier than Early Rose, and a good cropper. Tubers always fine shape and good size.

We send 45 eyes of each of the above varieties, by mail postpaid for only 50c. This is a great reduction in the price, and we hope you will get your neighbors to send with you. Show this offer. 6 Collections for $2.50.

This and our 65c. Collection for only $1.00.

CHRISTIAN WECKESSER, Seedsman, NIAGARA FALLS, N. Y.
Have You Heard of

THE MODEL CITY?

\[\text{Lewiston, * Niagara County* New York.}\]

Having twenty-five square miles of town-site,

DEVELOPING

THE GREATEST WATER POWER IN THE WORLD.

Has deep-water navigation.

Unrivalled, for manufacturing purposes; seldom equalled as a place of residence. In an unexcelled fruit region.

FREE SITES TO MANUFACTURERS. PROFITS LARGE TO INVESTORS.

Lots for sale on various plans, including one for two dollar weekly payments.

For full particulars and printed matter, apply to GEO. J. LOVE, "MODEL CITY," LEWISTON, N. Y.

If you need a buggy, road wagon, or cart, or anything in the vehicle line, you should get our price before buying.

Send for catalogue.

MONROE CART CO.,

ROCHESTER, MICH.
SEEDS and PLANTS,
TUBERS, BULBS AND ROOTS,
TREES —
AND —
VINES,
IMPLEMENTS —
AND —
SUPPLIES.