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MOTTO: "Square Dealing, Live and Let Live."



SPRING 1887.

CATALOGUE

—OF—

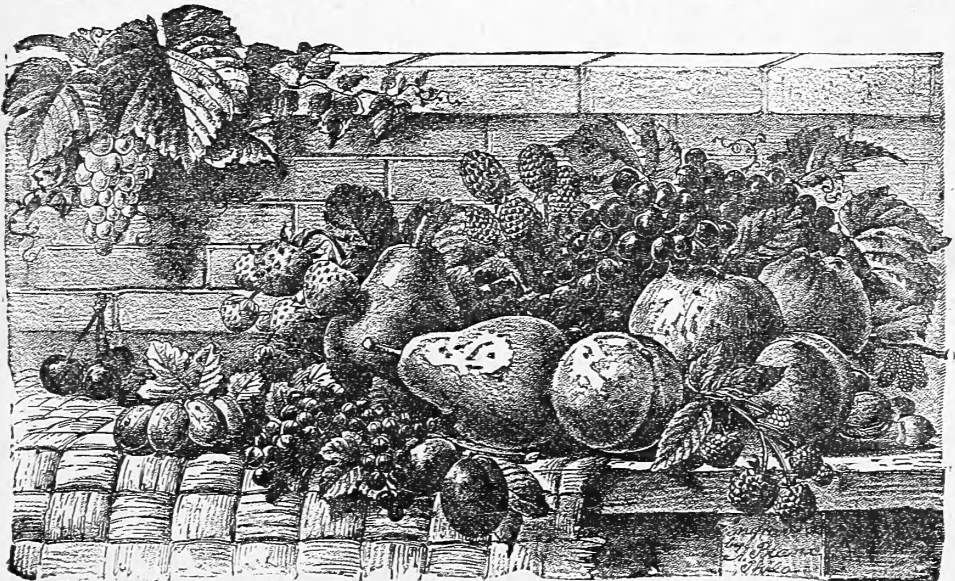
FORD'S SOUND SEEDS,

SMALL FRUIT PLANTS, TREES,
SEED POTATOES, GRAPE VINES, ETC.



FRANK FORD & SONS,

"SUNNYSIDE," - - - RAVENNA, OHIO.



GREETING.

A GAIN it is our pleasure to wish our Friends and Patrons a Happy New Year, and to extend a special greeting, and our hearty thanks to all who have given us their confidence by placing their orders with us in the past, and to present you with our Annual Catalogue for 1887, with the assurance, that it will be in the future, as in the past, our constant endeavor to please all our patrons by square dealing and returning for their confidence, good will, and money, a full equivalent in the very best Seeds, Plants, Potatoes, and all kinds of stock we offer, that can be had anywhere and always at reasonable prices.

We learned long ago from our experience as market-gardeners, that it is a matter of the first importance in making a garden either for market or home use, to procure Sound Seed true to name, without which no good results can be obtained.

Two years ago we added to our fruit plant business a carefully selected line of seeds, having for several years previous made a specialty of Seed Potatoes, Sweet Corn and Tomatoes, with the determination of supplying our patrons with such seed as we would plant ourselves. We therefore take the same care in growing and buying our stock, as we would if it was all for our own use.

And we are gratified to learn from the many letters we receive, containing expressions of good will and encouragement, and commending the quality of our stock and manner of doing business, that we have been able to give satisfaction to our patrons and secure their confidence, which we hope never to abuse, therefore merit the continued patronage of all.

And may we not add thousands more to our list of patrons who will receive this catalogue, and as yet have not given us an opportunity to show them that our Seeds are "Sound," Plants Superior, and Packing Excellent, Prices reasonable and that we are determined to give satisfaction to all.

In giving descriptions of fruits and vegetables, we aim to have them truthful and accurate, and not to mislead by extolling them above their merit, as is too often the case, and it is not our object to see how long a list of varieties we can make, but to catalogue only such of the older varieties, as have proved of the most value, and such as everyone wants to make a complete fruit or vegetable garden, and to add a few new varieties each year which we think worthy of trial.

We would not advise any one to place their whole reliance for a crop on any entirely new thing, as it is the exception that fruits or vegetables do equally well in all localities. Test a few new kinds each year in a small way on your own grounds. You may strike a bonanza. We extend an invitation to all who receive this catalogue to join our army of patrons (by giving us at least a trial order.) Many of their names have become familiar, having appeared annually on our books for years. We have been able to please them, we can please you.

Very Truly Yours,

FRANK FORD & SONS.

DIRECTIONS, TERMS, ETC., THAT SHOULD BE READ BEFORE MAKING YOUR ORDER.

YOUR NAME, POST OFFICE, AND STATE

Should be distinctly written, and be sure that neither is omitted. This may seem to many an unnecessary statement, yet we receive many letters without signatures, or without post office or state.

TERMS.

Orders for goods amounting to less than \$50, to be shipped by freight or mail, must be accompanied with the full amount in cash. If desired, we will book larger orders when at least one-fourth the amount comes with order, the balance to be paid before shipment. Goods will be sent C. O. D. by express when not less than one-fourth the amount comes with the order, the balance (with cost of collection) to be paid on delivery. Our prices are too low to incur any risk of loss by giving credit.

PACKING,

For which no charge is made, will be done by ourselves in as good a manner as can possibly be done by anyone. We have an abundance of the best quality of moss, and by using boxes and packing as light as is consistent with safety and good condition of the plants, the charges for transportation are reduced to the lowest figure.

ERRORS.

The utmost care is taken to fill all orders to the letter, but if any mistakes occur in count, or omission, please notify us at once, and they will be cheerfully corrected.

ORDER EARLY.

Do not wait till you are ready to plant. Orders for Seeds alone will be sent soon after receipt of order, and for Potatoes and Plants will be filled in rotation as received, as near as may be, and as early as the season will permit. Some seasons are so short for digging and shipping plants that we are obliged to work almost night and day to fill orders promptly. By having orders early so they can be booked and tags ready before the hurrying season begins, it will greatly facilitate our work, and lessen the chances for errors.

SUBSTITUTING

Is never done without permission, but sometimes, late in the season, the stock of some varieties is exhausted, and then it would be of mutual benefit to substitute some variety of equal value, and of the same season of ripening. Please bear this in mind in making the order, and give permission to substitute if so desired.

SEEDS AND PLANTS BY MAIL

To all parts of the United States, Canada, and to France and England, have invariably reached their destination in fine condition by our manner of packing, bringing Sunnyside Nursery and Seed House to every rural postoffice.

PRICES

In this catalogue do not include postage, except on seeds in packets and ounces. See headings to different departments for amount.

We have aimed to make our prices as low as good plants and seeds can be bought of any reliable party, but we wish it distinctly understood that we will not be undersold by any responsible firm, on the same quality of stock. We cannot grow good strawberry plants, dig them properly, straighten out the roots, tie in bunches and pack in good moss at prices they are sometimes offered, by the thousand, by those who grow them in sand, rake them out with a garden rake, and without sorting, thrown in a barrel loose, or even tied in bunches with the plants in every shape, and shipped without any moss or packing of any sort.

Good seeds or plants, true to name, and handled as they should be, are cheap at any reasonable price, while poor seeds or plants, improperly handled, are dear at any price. We will duplicate the retail price given by any reliable party for all the new varieties of plants and seeds now being introduced, whether found in our catalogue or not.

EXPRESS CHARGES.

We reduce to the lowest figures by making our packages as light as the safe carriage of goods will permit. We received from Boston last Spring 100 strawberry plants, in a hard wood box weighing 15 pounds, when they could have been properly packed to weigh only 3 or 4 pounds.

On small packages of from two to four pounds the express charges are sometimes less than postage. Therefore, if convenient to receive goods by express, give the name of the office, and leave it optional with us to prepay by express or mail.

REMIT

By P. O. Order on Ravenna, Ohio, draft or registered letter. If by personal check for less than \$50, add 25 cents for collecting. Sums of \$2 or less, send in new postal notes or new bills, securely sealed and distinctly addressed.

POSTAGE STAMPS

May be sent for change, but do not send one dollar's worth when a bill can be obtained; one, two, five, six or ten cent stamps may be sent before April 1st; after that, please give us two cent stamps.

FORM CLUBS

By having your neighbors join with you, and buy your supplies in quantity; you can reduce the cost of goods, and express or freight charges to the lowest figure. We can offer liberal inducements to those who will take orders for our seeds and plants.

SOME REASONS

—WHY—

We can Make it to your Interest to Favor us with your Orders.

FIRST. Our *Shipping Facilities.* In ordering goods of any kind, it is well to consider the cost of transportation. It is our pleasure to state that we have one of the very best shipping points in the United States. There are *three* competing railroad lines passing through Ravenna, which gives us low rates for all goods that can be shipped by freight; and there are *four* express companies with offices here, all of which bill through to every office they have, except the Adams, and they bill to all of their western offices. This enables our patrons to make a great saving in express charges, compared with the charges from Eastern Pennsylvania or New Jersey, as all goods coming west from there are *rebilled* at Philadelphia or Pittsburgh, and if they are to go to an office of any other company must be rebilled, and local rates are charged every time.

SECOND. We have adopted the word "*Sound*" to indicate the quality of our seeds, and we purpose to have them what the word implies in every particular. Every variety of seed is THOROUGHLY TESTED, so that we know they are of good germinating power and will grow under ordinary circumstances.

THIRD. It is our ambition to have *Ford's Sound Seeds* a household phrase throughout the land, and we will do all in our power to satisfy our ambition, by furnishing our patrons with the very best seed possible, and returning full value for money received.

FOURTH. We are located at our country home, "*Sunnyside*," just outside of the city limits, and only three-fourths of a mile from the post-office and four express offices, and only about a mile from three railroad depots, and as we have no high city rents and taxes to pay, and do not issue an expensive illustrated catalogue (although we think it contains everything of merit in our line), and as we were all brought up to work, and are willing to work, our expenses are reduced to a minimum.

FIFTH. By an examination of our prices you will see that we are determined to give our patrons the benefit of our light expenses.

SIXTH. We guarantee to furnish the best seeds and plants we can raise or procure, and their safe arrival to purchasers by mail or express, and we believe all our seeds and plants are true to name and "*Sound*." As there are so many contingencies on which the final success of the crop depends, we cannot in any way

warrant any given result, or hold ourselves responsible for failures. But as mistakes will sometimes occur, we will hold ourselves ready to refill any order gratis that proves untrue to name.

SEVENTH. We prepay the postage on all seeds sold by the *packet* and *ounce*, but for larger quantities, and for plants and potatoes we give prices which do not include postage, as we send large quantities of goods by express as well as by mail.

EIGHTH. Well knowing that such seeds as we sell, will give entire satisfaction, and that we will be certain of securing future orders from all who plant them, we make the following

LIBERAL OFFER

on vegetable and flower seeds:

In Packets Only,

And not seeds by weight.

As it appears that special collections of seeds made up by the dealer are not popular, probably, owing to the fact that they will always contain some varieties not wanted, we will not offer any this year, but allow each one to select their own collection, which can be made up of both vegetable and flower seeds. For 50 cents purchaser can select 70 cents worth of seeds in packets at list prices. For \$1 purchaser can select \$1.50 worth in packets at list prices, which will be prepaid by mail, if desired.

Considering that we give our large, full size retail packets and that the purchaser can select just such seeds as they need, including all the novelties, it is the

Most Liberal Offer Ever Made,

Only made possible by our light expenses, and we do it for the purpose of introducing our seeds, feeling assured that the result obtained by planting *FORD'S SOUND SEEDS* will be the best advertisement we can give them.

NINTH. Our packets will be found to contain a liberal amount of seed, much more than is put in by most seedsmen.

TENTH. Should any of our patrons desire any novelty or variety of seed not listed by us, they need not hesitate to include them in their order at regular prices, as we have arrangements whereby we can procure on short notice everything offered by the trade in seeds or plants.



Please use our order sheet and envelope, and be particular to fill the blanks plainly, especially you name, post-office, and state, and keep the order for seeds separate from the order for plants.

TO MARKET GARDENERS: As we do not issue a special list for you, we would be glad to have you send us a list of the Seeds you wish. Although our prices are low, we can make special prices on some things.

WHAT SOME OF OUR PATRONS SAY:

"Your catalogue to hand. I must say it is the most complete and satisfactory of any I have received yet, and I am sure the most fastidious ought to be able to choose from your extended list, varieties to suit them."

JOHN LITTLE, Granton, Ontario, Feb., 1886.

"Your descriptions of potatoes are the most truthful and complete of any." "I wish to paste them in a scrap book for reference."

F. M. VAILL,

Stockton, N. Y., Mch. 1886.

"Your manner of packing is perfect, everything O. K., and in good shape. Accept thanks."

B. C. CAMPBELL, Vestaburg, Mich., 1886.

"Belmont plants arrived by mail last evening in splendid condition."

M. BUTTERFIELD,

Lee's Summit, Mo., May, 1886.

"Received the goods all right. Many thanks for your promptness."

T. E. MOORE,

Myrtle, Mo., May, 1886.

"Blackberry and strawberry plants received in splendid condition, they look as though they had been growing right along while enroute. Thanks for your careful packing."

A. T. HENSHAW, Sunlit, Neb., 1886.

"You have always dealt fairly with me."

REV. J. CROUSE, Fostoria, O., 1886.

"The strawberry plants were received in good condition, your careful packing is admirable. Thanks for your punctual shipping."

P. D. SCHORV,

Lancaster, O., May, 1886.

"All the vines and seeds I got from you last Spring done well, though late for this climate when they came."

THOS. WILDSMITH, Birmingham, Ala., Aug., '86.

"I tried a number of varieties of your Seeds last year, and found them all to be excellent."

W. D. FREDERICK, Mt. Union, O.

"Potatoes received this day in O. K. order. Must say your seed packages are liberal in size, and everything was put up as if to please your customers."

G. ED. HOPKINS, Salem, Ind.

"The strawberry plants came to hand, put up in first-class order, and were nice plants. I like your plants and manner of packing better than any I have ever gotten, and that is saying a great deal, for I have received a great many plants in my time."

H. R. WINCHESTER, Annapolis, Md.

"Am writing to acknowledge receipt of plants, and am well pleased with them, came in good order and in due time. Please accept thanks for promptness."

D. HAMMUCK, Lancaster, O.

SOUND VEGETABLE SEEDS.

Special Mention of Some Novelties and Varieties of Superior Excellence.

WITH PRICES OF ALL.

As we send Large Quantities of Seed by Express and Freight, as well as by Mail,

These Prices do not Include Postage, except on PACKETS AND OUNCES.

This arrangement we think the most convenient for all.

If to go by mail, in larger quantities than ounces, add for postage at the rate of 16 cents per pound, 30 cents per quart on peas, Beans, Pop and Field Corn, and Sugar Cane; 20 cts. per quart, on Sweet Corn and Broom Corn. If Beans, Peas and Corn in Packets are ordered to go by express not prepaid, the purchaser may deduct two cents from the price of each Packet.

Half pecks at peck rates, half pounds at pound rates.

All Packets 5 cents each, or six for 25 cents, except otherwise noted.

See page 3 for the most liberal offer even given by any one, on Packets in quantity.

ASPARAGUS. Spargel.

Conover's Colossal. A well tried standard variety, large size, quick growth, excellent quality, oz., 10c.; $\frac{1}{2}$ lb., 15c.; 1 lb., 50c. One year's roots, by mail, \$1 per 100; by express, 60 cts. per 100.

Moore's Cross-Bred, New, claimed to be of great excellence. It has taken the prizes at the Mass. Hort'l Shows for years. Oz., 15c.; $\frac{1}{2}$ lb., 30c.; 1 lb., \$1.

Palmetto, New, said to be "earlier, yielding better and more even and regular in its growth" than Conover's Colossal. Pkt. 10c.; Oz., 40c.; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$4.00.



BEANS. Bohne.

DWARF OR BUSH.

If to go by mail add to the price at the rate of 30 cents per quart for postage.

New Golden Wax. Very early; six to ten days earlier than Black Wax, of the highest quality either for snaps or to shell while green. Pods stringless, long, broad and flat; golden yellow, very fleshy and wax-like; cooks quickly; seed medium size; oval, mottled. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$2.



Ivory Pod Wax. Very early and productive; entirely stringless; pods long and waxy white; very tender as a string bean, and none better when ripe for baking, being very rich and good flavored; seeds white. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.75.

Crystal White Wax. Pods waxy white, nearly transparent, fair size, stringless, very rich and tender, quick growth and retains its tenderness a long time; seeds white. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.75.

Lemon Pod Wax. A new and valuable variety, later than any of the above, and very productive; pods long, very tender, excellent as a string bean or use when dry; seeds white. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$2.

Dwarf Horticultural, or Marblehead Early Horticultural. These are the same, although by some catalogued as distinct varieties; extremely early; same size and color of the Old Pole Horticultural or Cranberry, with all its fine qualities; very hardy, prolific, free from rust, handsome red speckled pods. In fact, we think it the very best early bean for shelling green. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.50.



Boston Favorite, or Goddard. We have grown this two years, and find it remarkably productive; a week or ten days later than the Dwarf Horticultural; pods long and large, speckled with bright red, showy and attractive; beans speckled, nearly an inch long, and of the very best quality for a green shelled bean. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.50.

Champion. Low's. "Pods green, large and long, containing five to eight beans each, which are bright red when ripe, and fine flavor when cooked. As a string bean it is of exquisite flavor, entirely stringless and tender, wonderfully productive." Pkt., 10c.; pt., 20c.; qt., 35c.

Early Red Valentine. Imp. Round Pod. An improvement on the Old Valentine, being about ten days earlier; the pods are very tender, fleshy and brittle. By some it is liked better than the Wax varieties for string beans, especially profitable for market gardeners on account of earliness and great productivity. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.50.

White Kidney, or Royal Dwarf. An excellent standard variety, either to shell green or cook when dried. Pkt., 8c.; pt., 12c.; qt., 20c.; peck, \$1.25.

Prolific Tree. A strong grower, bearing its load of pods well up from the ground, not liable to rust; beans small, uniform in size, white and of good quality, resembles the old Navy bean, but far more productive, a superior field variety. Pkt., 8c.; pt., 12c.; qt., 20c.; peck, \$1.25.

Canadian Wonder. In growth the plant is dwarf, pods abundant and very long, very tender for string; and for green shelled beans, they are scarcely equaled in rich, delicious flavor; seeds red or maroon color. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.50.

Large White Marrow. A standard for field culture, productive. Pkt., 8c.; pt., 12c.; qt., 20c.; peck, \$1.

Long Yellow Six Weeks. A good old sort; very early, prolific, good quality. Pkt., 8c.; pt., 12c.; qt., 20c.; peck, \$1.25.

Early Red Valentine. A standard well known sort, of early snap bean. Pkt., 8c.; pt., 12c.; qt., 20c.; peck, \$1.25.

Green Gem, or Wonder of France, or Green Flageolet. Seeds and pods are green in color till ripe; pods long and straight, very productive, as a dry shell bean of excellent quality. Pkt., 10c.; pt., 30c.; qt., 50c.

BEANS. Stangen Bohne.

POLE OR RUNNING.

King of The Garden Lima. (Platt.) Having given this a trial, we offer it to our patrons with the assurance that it is a valuable acquisition, and a very great improvement on the old Large Lima, in size, earliness and productivity; the pods grow in clusters, with seldom less than four and often five beans of the largest size in each; although planted late it was fit for use early in August, and much of the seed ripe by the 20th. The stock we offer was grown by the originator, and cannot fail to give satisfaction. Pkt., 10c.; $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.

Large White Lima. The old standard, productive and excellent quality. Pkt., 10c.; pt., 20c.; qt., 35c.; peck, \$2.

Dreer's Improved Lima. The seed of this is not as large as the Large Lima. It is a little earlier, and fully as productive and equal in quality. Pkt., 10c.; pt., 20c.; qt., 35c.; peck, \$2.

Extra Early Lima, or Sieva. This is the earliest Lima; seed small, but abundant and of fine flavor. Pkt., 10c.; pt., 20c.; qt., 35c.; peck, \$2.

Dutch Case Knife. An old stand-by, one of the earliest pole beans, excellent for shelling. Pkt., 10c.; pt., 20c.; qt., 35c.; peck, \$1.75.

Early Cluster. "A new variety now first offered, the very earliest of all Pole Varieties, fully two weeks ahead of any other, and as early as any of the bush varieties. In a green state the beans are white, and nearly as large as the Lima, and when cooked possess the same rich flavor to such an extent that it is difficult to distinguish them from Limas. They are frequently fit for the table before the Lima begins to blossom; very productive, and continue a long time in bearing." Pkt., 15c.; pt., 30c.; qt., 50c.

Kentucky Wonder. One of the most productive; pods grow in clusters, and are often a foot in length, round and fleshy; they make excellent string beans. Pkt., 10c.; pt., 20c.; qt., 35c.

London Horticultural, or Cranberry. An old standard sort, very rich and excellent, as a queen shell bean. Pkt., 8c.; pt., 15c.; qt., 25c.; peck, \$1.50.

BEETS. Runkel Rube.

TABLE.

Eclipse. Very early, quick growth, dark crimson color, very smooth, nearly globe shape, small top, and of the best quality. It is not only the best, extremely early beet, but if sown late it is good for winter use, much better than the Egyptian in this respect, and is about as early, and of better form and color. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

Early Egyptian. The earliest beet in cultivation, of good quality when young; dark blood red skin and flesh, bulbs medium size and flat; a superior early market beet. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

Edmond's Turnip. A new and very superior variety. Nearly as early as Eclipse. Thoroughly fixed and uniform in type. The skin and flesh are deep blood red in color, exceedingly sweet and tender, of good market size, round and very smooth, with a single taproot, top very small. Cannot fail to give the highest satisfaction. Oz., 10c.; ¼ lb., 25c.; lb., 75c.

Dewing's Improved Blood Turnip. This is of good size, and smooth, good for home use or market; early or late. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

Bastian's Extra Early Blood. Nearly as early as the Eclipse, large size, blood red color when cooked; fine for winter if sown late. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

Early Bassano and Early Blood Turnip. Each standard sorts. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

Perfection, Philadelphia. This seems to us to be a carefully bred strain, and the best of the class of half long beets; catalogued as *Half Long Blood, Bastian's Half Long Blood and Pine Apple.* The cut represents the form. It grows to a large size, is a good keeper, deep blood red in color, and flesh fine grained, tender and sweet, none surpass it in quality, for fall or winter use. Oz., 10c.; ¼ lb., 25c.; lb., 100c.

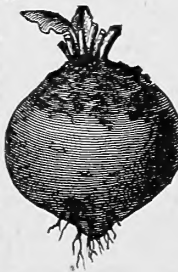
Long Dark Blood. A fine strain of this well known kind. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

BEETS.

MANGEL WURZEL AND SUGAR.

Orange Globe. A profitable variety, especially on soils not very rich, as this will produce a fair crop on land that the long varieties would not grow in, and makes a richer feed. Oz., 10c.; ¼ lb., 15c.; lb., 45c.

Golden Tankard. This is a superior variety, grows to large size, flesh yellow; contains more sugar than other Mangels, therefore more valuable for feeding. Oz., 10c.; ¼ lb., 15c.; lb., 45c.



Norbitan's Giant. Red in color, grows to large size, and to perfection on very rich soil. Oz., 10c.; ¼ lb., 15c.; lb., 45c.

Mammoth Long Red, grows to very large size. Oz., 10c.; ¼ lb., 15c.; lb., 45c.

Imperial Sugar, Lane's. This is the best of the class; a good cropper; rich in sugar; of great value for feeding stock. Oz., 10c.; ¼ lb., 15c.; lb., 45c.

BROCOLI. Spargel Kohl.

Early Purple Cape. The best variety; heads compact, and of a purple color, similar to cauliflowers, but more hardy. Pkt., 10c.; oz., 20c.

BRUSSELS SPROUTS. Sprossen Kohl.

Allied to the cabbage family, producing small heads from the side of the stem. Oz., 15c.; ¼ lb., 50c.

BORECOLE, OR KALE. Blatter Kohl.

Green Curled Scotch, a hardy variety used for greens in the winter, is improved by some frost. Oz., 10c.; ¼ lb., 25c.

CABBAGE. Kopf Kohl.

PUGET SOUND SEED.

This justly celebrated brand of seed has given such satisfaction that we again offer it under the registered trade mark (P. S.) at a uniform price for each variety, viz: Pkt., 5c.; oz., 20c.; ¼ lb., 75c.; lb., \$2.75.

Early Jersey Wakefield. Premium Flat Dutch. Henderson's Summer. Fottler's Brunswick. Early Winningstadt. Late Amer. Drumhead. Berkshire Beauty. Marblehead Mammoth.

CABBAGE.

CHOICEST STRAINS OF EASTERN GROWN SEED.

We wish to impress upon all the fact that we take the utmost pains to secure the very best cabbage seed grown, without regard to price. *We buy no cheap seeds,* and we think no one can offer better seed than we do this year, and it cannot fail to be satisfactory.

Early Jersey Wakefield. The earliest cabbage of marketable size, and universally acknowledged to be the best early cabbage in cultivation for early market; of good size; sure to head, and of fine quality. The seed we offer is very choice and will please. Oz., 25c.; ¼ lb., 80c.; lb., \$3.00.



Henderson's Early Summer. This superior cabbage is about double the size of Jersey Wakefield, and ten days later. Owing to its having short outer leaves, it can be planted closer than most sorts. The heads are not liable to burst; excellent for home use and profitable for market. Oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

Low's Peerless. This is an excellent cabbage. The past dry season this gave us a much larger proportion of solid heads than any other kind. Perhaps a little later than Early Summer, but larger heads; does not burst readily; few outer leaves; can be planted close together; decidedly an acquisition. Oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

Early Winningstadt. One of the best grown for early or late; heads pointed, very hard and solid. On this account, proof against the cabbage worms, so destructive to loose, heading sorts; does well on light soils; of fine flavor, crisp and tender. Oz., 15c.; ¼ lb., 45c.; lb., \$1.50.

All Seasons, Gregory's. Called All Seasons as it is superior to plant late as well as early. Keeps well through the winter; it is claimed that it will supercede the Early Summer, coming as it does at the same season; decidedly larger, not as liable to burst; heads hard, and reliable for heading.



All Packets 5c. each, or six for 25c., unless otherwise noted.

From recommendations: "So firm as to be proof against cabbage worms." "A sure header." "Not two per cent. failed." "One weighed 42 pounds, peeled." "Of superior quality."

Our seed was grown by the introducer. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

Premium Flat Dutch. A standard variety and one of the best and most reliable for winter use; select seed. Oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Marblehead Mammoth, the largest cabbage grown. Oz., 20c.; $\frac{1}{4}$ lb., 60c.

Fottler's Improved Brunswick. A large sized, early Drumhead; a splendid fall and winter cabbage, and sure to head. Oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

Early Etampes. The very earliest variety, heads pointed, hard, rather small to medium. Oz., 20c.; $\frac{1}{4}$ lb., 60c.

Savoy, Improved American. The best of the savoy's of excellent flavor. Oz., 20c.; $\frac{1}{4}$ lb., 60c.

Red Dutch. Best red for pickling, medium size, hard heads. Oz., 20c.; $\frac{1}{4}$ lb., 60c.

CARROT. Mohre.

Ox Heart, or Guerande.

This carrot grows to a good size, is of a rich orange color. The cut represents the form; can be harvested without any digging. If they are too thickly sown, they will crowd each other out like flat turnips, and by actual experiment have produced more than double the weight of roots of any other variety, making it by far the most profitable carrot to grow for stock, and it takes well in the markets. Oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.

Large White Vosges. This new variety has white skin and flesh; grows to a large size, very large round, and regularly tapering to a point. A valuable variety to grow for stock. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., \$1.00.

Large White Belgian. Grows one-third above ground, and to very large size. Top green, under ground white; easily harvested; very productive; use, stock feeding. Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

The following are the standard varieties for table use, at home and for market, and too well known to need description. Each per oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

Early Half Long. **Scarlet, Stump Rooted.**
Danverse Orange. **Improved Long Orange.**
Early Scarlet Short Horn.

CAULIFLOWER. Blumen Kohl.

Extra Early Dwarf Erfurt. *Extra Select.*
Our seed of this is equal to any that can be offered by any one, for reliability in forming large, pure, white solid heads of superior quality. Scarcely a plant will fail. It is not only the earliest, (sown in March it will be ready for use in June) but if sown later it is one of most reliable for a late crop. Being dwarf and compact in growth, it can be planted much closer than other kinds. Taking everything together, we regard this the best of all cauliflowers, the choicest seed grown. Pkt., 25c.; $\frac{1}{4}$ oz., \$1.50; $\frac{1}{2}$ oz., \$2.75; oz., \$5.00.

Extra Early Dwarf Erfurt. Good reliable seeds, but not as carefully selected as the above. Pkt., 15c.; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.75; oz., \$3.00.

Early Snowball. One of the earliest sorts. Very reliable for heading, and highly esteemed by market gardeners; heads not quite as large as the Extra Early Dwarf Erfurt, but very white and solid. We offer very select seed. Pkt., 25c.; $\frac{1}{4}$ oz., \$1.25; $\frac{1}{2}$ oz., \$2.25; oz., \$4.00.

Extra Early Paris. A popular variety of taller growth used for late crop. Pkt., 10c.; $\frac{1}{4}$ oz., 35c.; $\frac{1}{2}$ oz., 60c.; oz., \$1.00.

CELERY. Selerie.

Golden Heart. Dwarf. An entirely distinct variety of the best quality; when blanched, the heart is of a waxy golden yellow; grows compact and very solid; an excellent keeper and of a fine nutty flavor. Oz., 25c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.

Giant Golden Heart. This variety has been produced by careful selection from the above. Its quality, appearance, and size, make it one of the very best for the market gardener, while its fine flavor and rich color make it very desirable for home use. Pkt., 10c.;



Golden Self Blanching. This grows to a large size. The ribs are solid, crisp and tender. The heart is large, solid, of a rich golden yellow color, and of a delicious flavor. Without banking up, even the outer ribs become a yellowish white color. Unlike other self blanching kinds it is an excellent keeper. Pkt., 10c.; $\frac{1}{2}$ oz., 30c.; oz., 50c.

White Plume. Henderson's. This is a very early variety, and as it approaches full growth the stalks and leaves naturally turn white, and by once pressing the stalks together, and bringing up a little dirt to hold them in place, the process of blanching is completed. Of very good quality; should be used early; not a good keeper. Pkt., 10c.; $\frac{1}{2}$ oz., 30c.; oz., 50c.

New Rose. Henderson's. In this there are all the good qualities that make a good celery, with the addition of the delicate rose coloring of the stems and heart, making it entirely distinct and ornamental. Pkt., 10c.; $\frac{1}{2}$ oz., \$1.25; oz., \$2.00.

Crawford's Half Dwarf. An excellent standard sort; of intermediate growth; and nutty flavor. Oz., 2c.; $\frac{1}{4}$ lb., 60c.; lb., \$5.00.

Dwarf White Sandringham. Of compact dwarf growth; excellent quality; bleaches early; a standard sort. Oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Boston Market. The old standard that is still prized by many. Oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

CELERIAC. (Turnip Rooted Celery.) Knob Selerie.

Large Erfurt. Roots turnip shaped. When cooked and sliced with vinegar, they make an excellent salad. Oz., 20c.; $\frac{1}{4}$ lb., 50c.

New Apple Shaped. Roots large, round and smooth. Oz., 20c.; $\frac{1}{4}$ lb., 50c.

CHICORY. Cichorien.

Large Rooted, used as a substitute for coffee. Oz., 10c.; lb., \$1.00.

CORN SALAD (or Feticus). Lammer Salat.

Large Leaved. Oz., 10c.; $\frac{1}{4}$ lb., 30c.

COLLARDS. Blatter Kohl.

True Georgia or Creole. Oz., 20c.; $\frac{1}{4}$ lb., 60c.

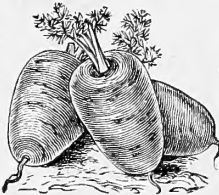
CORN, SWEET. Zucker Mais.

If to go by mail add to price at the rate of 20 cents per quart.

Shaker's Early. A new variety. In good soil the stalks grow six feet high, with two or three large ears, well filled to the tip; kernels large, of pearly whiteness, and delicious flavor, season about the same as Minnesota, ears very much larger. Its earliness, productiveness and large size will make it a favorite with Market Gardeners. Pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.

Evergreen. Livingston's Strain. We add this to our list as we have heard it highly spoken of by those acquainted with it. Season between the second earlies and the late varieties; has large, well filled ears, with deep, broad kernels and small cob, filled well over the tips; very sweet, (sweeter than Mexican.) Pkt., 8c.; pt., 12c.; qt., 20c.; pk., \$1.

Cory. One of the earliest varieties in cultivation; good for early market. We grew our stock from seed obtained from the introducer. Pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.25.



Add for Postage at the rate of Sixteen Cents Per Pound.

Ford's Early. This we introduced four years ago, and it has proved decidedly the very best early variety, and has given universal satisfaction. Every one who has tried it speaks of it in the highest terms. The ears are six or eight inches long, eight rowed, occasionally one with ten or twelve rows. Kernel very large and deep for an early corn. Grows about five feet high, with usually two ears on a stalk; it can be planted much thicker than most varieties. It is far superior to any other early corn in quality; several days earlier than Minnesota; more prolific, larger ear, deeper and larger grain, and very much sweeter. Some are planting this variety at intervals of a week or ten days through the season, preferring it to any of the late varieties; among them is H. Y. Beebe, Vice President Ohio State Horticultural Society. He also tells us that he prefers it for drying, as the dried corn is remarkably sweet and tender.

For home use it has no equal, on account of its earliness and excellent quality.

Market Gardeners will find it the most desirable and profitable, on account of its being the earliest real sweet corn, of good marketable size and very productive, very much better than Marblehead or Cory, and only two or three days later. We have a fine lot of first-class seed and cannot fail to give perfect satisfaction.

We could fill our whole catalogue with commendations of Ford's Early Sweet Corn, but must content ourselves by adding only the following:

From the report of the Ohio Agricultural Experiment Station, page 123: "Especially attention is called to Ford's Early Sweet as a very desirable early sort. It is nearly as early as Marblehead and much superior in quality."

In the table, page 124, giving the comparative earliness, quality, etc., we find that Cory was fit for table use August 10th, resembles Early Marblehead. Ford's Early August 12th. Quality good, better than Marblehead.

Last season, as a test, we planted a row each of Cory, Marblehead and Ford's Early. We could see no difference in the time of tasseling, silking or edible condition of the corn, and no difference in any way between Cory and Marblehead. Ford's Early was much more productive and sweeter. Cooks as white as snow.

From the Sidney Journal, Sidney Ohio, July 2, 1886: "The 27th of June is the earliest date in this vicinity for home grown sweet corn that ever came to our knowledge. Judge Conklin had a meal for his family, plucked from his own garden last Sunday. It is an eight rowed variety, originated by Frank Ford, of Ravenna, Ohio."

"It is earlier than any other variety and gave perfect satisfaction. The best early corn I have raised."

ROBT. W. FURNASS,

Ex-Gov. of Nebraska, President of State Horticultural Society.

"It proved with me two weeks earlier than Minnesota, and quality and size better." J. P. WHEADON,

Market Gardener, Onondaga Valley, N. Y.

"Not as early by two or three days as Marblehead, but of much better quality and as white as snow when cooked; most productive of any sweet corn I have tried."

D. M. MOORE, Ogden, Utah.

Pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.50.

Egyptian. Washington Market. This is a very late variety, remarkably sweet and tender; stalks grow to a large size. In this latitude it must be planted early to ripen for seed before frost comes. Pkt., 8c.; pt., 12c.; qt., 20c.; pk., \$1.

We make a specialty of Ford's Early, Russell's Prolific, Ford's Improved Mammoth, and Egyptian, and by very careful selection and growing the seed ourselves, we are constantly improving them. Russell's Prolific is so much better than it was when we first got it, and better than others sell for it, that it ought to have a new name. These four varieties will cover the whole season, and are the best of their season we have found yet, and we try everything we hear of.

Black Mexican. Kernels when ripe are black; generally conceded to be the sweetest corn in cultivation. Pkt., 8c.; pt., 12c.; qt., 20c.; pk., \$1.



Russell's Prolific. This is the very best second early sweet corn we have found, nearly as early as Minnesota, with ears twice as large; will come right in after Ford's Early; as early as Crosby's; earlier than Moore's Concord, and much better in quality than either, and ears larger, generally 12 rowed, but sometimes 10 or 14 rows, and 8 to 10 inches long, and remarkably productive. For home use or market, this will be found the very best of its season. We have a good stock of this seed well cured. Market men, this is just what you want for a second early corn, it cannot fail to please you and your customers. Pkt., 8c.; pt., 12c.; qt., 20c.; pk., \$1.25.

Ford's Improved Mammoth. For years we have carefully selected our seed of this variety, till we now have a corn with only medium sized stalks, but large size ears, and quite early; will follow Russell's Prolific, if planted at the same time; very deep kernel, excellent quality, ears 14 to 20 rowed, and usually two on a stalk if not planted too thick. A superior variety for market or home use; excellent for drying or canning, none better. Pkt., 8c.; pt., 12c.; qt., 20c.; pk., \$1.

Marblehead Early. One of the earliest for market; similar to, if not identical with, Cory. Planted two years in our trial grounds side by side, we have been unable to detect any point of difference. Pkt., 8c.; pt., 12c.; qt., 20c.; pk., \$1.

Pride of America. New. Our seed stock came from Northern Vermont, last year. It is the very earliest corn we have ever grown. The past very dry season the stalks grew four to five feet tall, ears five or six inches long. (We think both stalk and ears will be some larger in favorable seasons.) The ears are of nice form, with eight rows of rather large kernels, of a brown or reddish color when ripe. It may have been bred from Naragansett or Marblehead. Whether this is so or not, it is much sweeter and several days earlier. We think it worthy of a place in every garden. Our stock is quite limited, and we offer it only in small lots. Pkt., 15c.; ½ pt., 25c.; pt., 40c.

CORN.

FIELD AND POP.

If to go by mail add to the price at the rate of 30 cents per quart.

White Rice Pop. Used for popping, and is the best of the older varieties; select seed. Pkt., 8c.; pt., 15c.; qt., 25c.

Monarch White Rice. The New Pop Corn. The originator says: "Well knowing that the country was in great need of a superior variety, I have for five years been working towards an ideal, in which I wished to combine productiveness, uniformity of type, tenderness, whiteness, sweetness and greatest bulk after being parched. After this five years of very close selection, and rigid testing in all parts of the country, I find I have triumphed, and I offer it with great confidence that it is the very best in existence. It bears 3 to 5 ears on a stalk and weighs 36 pounds per bushel when dry." Pkt., 15c.; pt., 30c.; qt., 50c.

Queen's Golden Pop. This is a new, exceedingly handsome, yellow variety. Its color when popped is of a delicate golden yellow and is exceedingly tender. Pkt., 8c.; pt., 15c.; qt., 25c.

Silver Lace Pop. A new and excellent smooth, white sort, with three to six long ears per stalk. Pkt., 8c.; pt., 15c.; qt., 25c.

Pride of the North. The earliest dent corn in cultivation. It matures in from 80 to 90 days, stalks short and thick, and frequently bears two good ears, 7 to 10 inches long with 12 to 14 rows of long, narrow kernels, of a deep yellow color and very rich and oily, cob red and very small. The very best pure bred corn for this latitude. Qt., 15c.; pk., 60c.; bu., \$2.

Champion White Pearl. The originator claims that this is a thoroughbred corn; pure white, maturing in from 85 to 100 days; a pure dent corn, very compact



on the cob, which is proportionally very small. The ears are 7 to 12 inches long, of nearly the same size throughout, averaging 16 rows of extra long and wide grains. The stalk is short and thick, with the ears growing low down; will not blow down as readily as most kinds. In our judgment, this is the very best white dent corn to be found for this latitude. Our stock comes directly from and was grown by the originator. Pt., 10c; qt., 15c; pk., 75c; bu., \$2.50.

Blount's White Prolific. This is the variety mostly used for ensilage, as it yields a very large amount of fodder. (70 tons to the acre has been reported.) It is also very productive of grain where the season is long enough to mature it, producing several ears on each stalk. Qt., 15c; pk., 60c; bu., \$2.

Sweet Corn for Fodder. Large growing varieties. Pk., 60c; bu., \$2.

Broom Corn. *Improved Evergreen.* Pt., 12c; qt., 20c; pk., \$1.25.

CRESS. Kresse.

Curled, or Peppergrass. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Water. Used as a salad; grown in wet places, or borders of streams. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c.

Upland Cress. This new vegetable has the same general characteristics as water cress, and in flavor identical. Is much easier to raise, as it is a hardy perennial, and will grow equally well on wet or dry land. In early spring it is one of the first plants to make its appearance, grows very rapidly, and is soon ready to use. The young and tender leaves can be eaten raw, the same as lettuce, or as a salad, and is greatly relished. Can also be boiled as greens. It is of easy culture. When once established, needs no after care. Of robust nature and unparalleled hardiness. Fifteen degrees below freezing will not change the color of its leaves, or damage it, and it can be used in the winter the same as kale. It is also claimed to have valuable medicinal qualities as a blood purifier. Pkt., 10c.

CUCUMBER. Gurke.

Nichol's Medium Green. New. It is very prolific, of medium size, always straight and smooth, unequalled for pickling, and none better for slicing. Color dark green; flesh crisp and tender. Headquarters seed. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.



Early White Spine. *Improved.* One of the best early sorts for slicing, and good for pickling; always straight and smooth, never turns yellow. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

Early Russian. The earliest variety. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

Peerless White Spine. Of good size, straight, all at both ends, skin deep green, holding color until mature; one of the most productive. Our seed is of our own growing and very choice. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

Green Prolific. A very productive sort, and one of the very best for pickling; seed of our own growing. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

Early Short Green, or Frame. An old popular, early variety, excellent for small pickles. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

Improved Long Green. A fine strain of the well known Long Green. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

EGG. (Vegetable.) Eierpflanze.

New York Improved. The leading market variety, flesh white and tender. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.

Black Pekin. This excellent variety is quite early, fruit jet black, round in form and solid. Pkt., 10c, $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.



ENDIVE. Endivien.

Green Curled. Very hardy, leaves dark green, tender and crisp. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.

Moss Curled. A beautiful curled variety, very ornamental, of fine quality. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.

GOURDS.

Japanese Nest Egg. Very ornamental and useful for nest eggs. Pkt., 10c; oz., 50c.

Sugar Trough. These grow to hold several gallons; useful for many purposes. Pkt., 10c; oz., 30c.



KOHLRABI. Kohlrabi.

Early White Vienna. Flesh white and tender, (before full grown) excellent for table use; the best market variety. Oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$2.50.

Early Purple Vienna. Except in color which is of a bluish purple, does not differ from the white. Oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$2.50.

Large Green. For field culture; for stock feed. Oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$2.50.



LEEK. Lauch.

London Flag. An excellent, long growing variety. Oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Musselburgh. Grows to a very large size; one of the best. $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c.

LETTUCE. Lattich Salat.

Hanson. An excellent sort with green heads and white heart; large size, sweet, crisp and tender. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Early Prize Head. Grows to a large size, even the outer leaves are crisp; is slow to go to seed, and of fine flavor. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Black Seeded Simpson. This does not form a head, but a compact mass of leaves, which are tender and of excellent quality, of rapid growth, early, stands heat well; one of the very best for out door growth, and good for forcing. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Early Tennis Ball. *Black Seeded.* Forms a close, hard head; a favorite forcing variety. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Satisfaction. *Black Seeded.* Is what its name implies; a good one. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

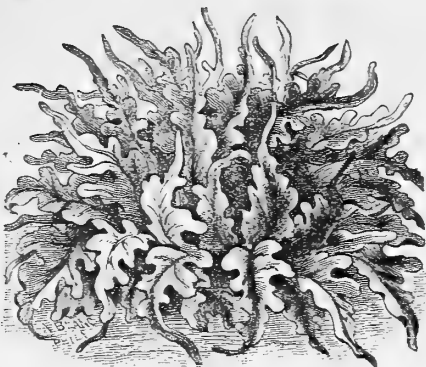
Deacon Hine. Small, quite solid heads, thick, dark green leaves; very crisp and tender. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Brown Dutch. An old, very hardy variety, leaves large, green, tinged with brown, forms large, solid heads; very tender and good flavor. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.10.

Golden Heart. New. This forms firm, solid heads of very large size. It grows quickly, is ready for use early, and remains in excellent condition for weeks; it does not wilt under severe heat, not excelled for summer use by any cabbage lettuce; outer leaves dark green, the heart a rich, golden yellow. Oz., 15c; $\frac{1}{4}$ lb., 40c.

Silver Ball. New. The heads are of a silvery white color, very firm, rich and of most delicious flavor; outer leaves nicely curled, is slow to go to seed, excellent for spring or summer use. Oz., 20c; $\frac{1}{4}$ lb., 50c.





Oak Leaved Lettuce. New. A characteristic of this new lettuce is its oak-shaped leaves. The outside leaves are of a light green color, inside leaves whitish. It forms quite a compact head, with leaves free from coarse woody veins; very tender, of fine flavor, and remarkably free from any bitterness; it remains a long time in good eating condition, as it is very slow in sending up its seed stalk. This is not only a fine variety for table use, but is very ornamental. Pkt., 10c.; oz., 25c.

MUSKMELON. Zucker Melone.

Queen. A new variety now first offered. It is medium early, fair size, thickly netted, flesh green, very sweet and flavor most delicious. It carries all the good points of the standard varieties.

"As fine melons as I have ever eaten."

H. B. BIGELOW,

Ex-Gov. of Conn.

"Equal to any I have ever tasted." Prof. S. W. JOHNSON, Agt Chemist for Conn. Pkts. only. 25c. each; 5 for \$1.



Netted Gem. Golden Gem. Golden Jenny. Very early and prolific, quite uniform in size and shape, weighing from 1½ to 2 pounds; skin green, thickly netted, flesh very thick, of a light green color, of very superior quality, rich and sugary. Oz., 10c.; ¼ lb., 25c.; lb., 80c.

Bird Cantaloupe. Flesh light green, very thick, and of very fine quality; extra early, and very large size; have been grown to weigh 22 pounds. Pkt. 10c.; oz., 25c.

Hackensack. A new and superior sort; early, large size, nearly round, flattened at the ends, deeply ribbed, flesh green, of a delicious flavor; a popular market variety. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Surprise. An excellent, spicy flavored melon, of medium size and quite early; skin thin, cream colored, flesh thick, salmon colored, form round. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Bay View. A large, oval, green fleshed, of the finest quality, and very productive. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Montreal Nutmeg. This grows to a very large size, nearly round, flattened at the ends, deeply ribbed, skin green and finely netted, flesh very thick, light green, melting and of a delicious flavor; a popular market sort. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Large Green Nutmeg. This is an improvement on the old Green Nutmeg, being larger and retaining all its superior qualities, green flesh and very sweet. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Casaba, or Green Persian. A large, oblong melon, somewhat pointed at both ends, of good and fine flavor. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Baltimore. A very productive, large sized, oblong melon, of the most delicious flavor, flesh green and very thick. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Japan Coral Flesh. A new variety, form round, flesh thick, of a coral color, excellent quality. Oz., 10c.; ¼ lb., 20c.

Mango Melon, Vegetable Orange, Vegetable Peach. A novelty, described as one of the most beautiful vegetables. It grows on a vine like a cucumber or melon; very productive, 30 or 40 perfect fruits have been grown from one seed; the color, size and shape like an orange, the skin as smooth as glass, flesh pure white and valuable for many purposes. Pared, sliced and fried in butter they are delicious; splendid for mangos and preserves. Pkt., 15c.; 4 pkts., 50c.

MELON. (Water.) Wasser Melone.

Cuban Queen. An excellent melon of the largest size, flesh bright red, very solid and sweet; a good keeper and shipper. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Kolb's Gem. This new melon is not excelled in *productiveness*, keeping and shipping qualities, rind thin but very tough, flesh bright red, and of very superior quality. Oz., 10c.; ¼ lb., 20c.; lb., 75c.



Pride of Georgia. Another new melon of a dark mottled green color, nearly oval in form, grows to a large size, a good shipper; very crisp and sweet. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Scaly Bark. A very productive new sort, rind thin, but very tough, making it one of the best shippers; beside it is of fine quality, flesh bright crimson, solid, rich and sweet. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Oemler's Triumph. New and distinct from any other variety. Origin near the Black Sea, Russia. The seeds are so diminutive that a No. 6 thimble will hold 55, whereas it holds only 7 of those of common melons, hence can be swallowed; very early and productive, shape a short oval, weighing about 15 pounds, dark mottled green color, flesh dark red with an edging of orange yellow. In taste it is very sweet throughout. Seeds in original packets 25 cents each; 5 for \$1.

The Volga. This new melon is of Russian origin, grown near the Caspian Sea for shipment in barrels to St. Petersburg. In productiveness it surpasses most sorts; in form nearly globular, medium size, skin very pale green, nearly white, with faint stripes, very solid and hard, rind thin, flesh red, remarkably crisp, and very sweet, rich and delicate. Packet, 10c. each; 6 for 50 cents.

The "Boss." A very productive, medium sized, oblong, *Early* melon, skin dark green, flesh deep scarlet, very sweet and excellent. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Mammoth Iron Clad. Very large size, often weighing 75 pounds or more, remarkably prolific, flesh very red and solid, and of a delicious rich flavor, a long keeper, thin, tough, hard, rind, a valuable shipping variety. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Peerless. Ice Cream. An excellent one for home use, medium size, oblong, light green skin, with very sweet, melting, delicious flavored crimson flesh, seeds white. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Black Spanish. Grows to a large size, almost round, skin very dark green, flesh red and of a superior flavor, seeds black. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Mountain Sweet. An old, well known, early, long, dark green melon; very sweet, excellent. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Odella. Early California. Very early, oval or round, light green color, an excellent shipper, good quality. Oz., 10c.; ¼ lb., 20c.; lb., 75c.

Florida Favorite. A new melon now first offered. The introducer, the most extensive melon seed grower in Florida, says: "A hybrid (he should have said 'cross') of the Rattlesnake and Pierson, the latter a favorite table melon. It is of medium size, very prolific, and has no equal as a table melon; will not ship long distances, as the rind is too thin and crisp, especially adapted for home use and near market; no other can compete with it where it is sold." Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

MUSTARD. Senf.

White. Grown for salads. Oz., 8c.; ¼ lb., 15c.; lb., 30c.

Brown or Black. Oz., 8c.; ¼ lb., 15c.; lb., 30c.

New Chinese. Leaves twice the size of the white, more succulent, flavor sweet and pungent; excellent for greens or salad. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

NASTURTIUM. Indian Cress.

Tall Varieties. The seeds, while young, are used for pickles, also highly ornamental as a flowering plant. Oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.

Dwarf Varieties. Beautiful colored flowers. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

OKRA. Essbarer Hibiscus.

Dwarf Green. Improved. The pods, when young, are used in soups and stews, which are called Gumbo. The dwarf is best for northern latitudes. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.

Long Green. A tall, late variety. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.

ONION. Zwiebel.

Owing to the fact that onion seed sold last year below the cost of production, there was but a small breadth of land devoted to this crop, and as a consequence a small crop of seed, and wholesale prices more than double what they were last year at this time; and a prospect of a material advance in the near future, and it will be well for those in need of a quantity of seed to place their orders at once. We, therefore, quote prices which will be adhered to only so long as we are able to fill orders without loss.

Yellow Globe Danverse. Nearly round in form, flesh white, comparatively mild in flavor, ripens early, very productive, keeps well; considered the best and most profitable market sort; our seed is A No. 1. Oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$2.

Large Red Weathersfield. A standard variety of large size, and an excellent keeper. Oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$2.

Extra Early Red. A medium sized, flat, close grained, mild flavored onion; ripens 10 days earlier than Large Weathersfield, productive, and a good keeper. Oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.

Extra Early Red Globe. The earliest of the red onions, of good size, very mild flavor; one of the most productive. Oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.

White Globe. Southport. A handsome globular onion, of very mild flavor; one of great excellence. Oz., 30c.; $\frac{1}{4}$ lb., \$1.; lb., \$3.50.

Yellow Dutch, or Stravburgh. Bulbs quite flat, good size, skin yellow, flesh white, of mild flavor, and good keeper; the best and most used to grow sets. Oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

Queen. New Queen. Earliest White Queen. The earliest onion in cultivation, of very mild flavor, a remarkable keeper. Oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.50.

Large White Italian Tripoli. Very large, quick growth, mild flavor. Oz., 20c.; $\frac{1}{4}$ lb., 60c.

Large Red Italian Tripoli. Same as above except color. Oz., 20c.; $\frac{1}{4}$ lb., 60c.

Giant Rocca. A very large sort from Naples, globe shape, mild flavor. Oz., 20c.; $\frac{1}{4}$ lb., 60c.

ONION SETS.

Prices Subject to market changes, per bushel at market price. Add 20 cents per quart if to go by mail.

White Onion Sets. Qt., 25c.; pk., \$1.50.

Yellow Onion Sets. Qt., 20c.; pk., \$1.25.

Potato Onion Sets. Qt., 20c.; pk., \$1.25.

Potato Onion Sets. Qt., 20c.; pk., \$1.25.

Perennial Onion Sets. Pt., 15c.; qt., 25c.; pk., \$1.50. This is also called Egyptian Tree Onion; when once set out, it will grow for years without care, except to keep down the weeds. It starts early in the spring, and is ready for use a long time before other sorts; mild flavored, sweet and tender; they form no large bulbs, but as many as 15 or 20 small onions grow in a bunch; the sets grow on top like the tree onions; they are desirable for family use, and early market.

PARSNIP. Pastinake.

Hollow Crown, Abbott's Improved. The best variety for table use. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Long White Dutch, or Sugar. Very large, good for table and stock. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.



PARSLEY. Petersilie.

Champion Moss Curled. Rather dwarf, leaves crimped and curled, and of the richest green, giving it a beautiful appearance. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

New Fern Leaved. A new and most beautiful variety for table decoration. Very ornamental for the flower garden. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Hamburg, or Turnip Rooted. The roots are used in soups, giving them a fine, delicate flavor. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

PEAS. Erbse.

Our stock of peas are all northern grown, and have been selected with the utmost care, to not only have them true to name and of good quality, but to secure the very best strains of each variety, and they cannot fail to give perfect satisfaction. "Poor seeds are dear at any price, while good seeds are cheap at any reasonable price," especially applies to the selection of seed peas.

We have arranged our list in order of their maturity, as shown by the reports of the (O. Ex. Sta.) Ohio Experimental Station for 1884 and 1885. (50 days,) (60 days,) &c., following the name is the number of days after planting that the first picking was made.

Add 15 cts. per pint, 30 cts. per quart to the price if to be sent by Mail or Express prepaid.

MARKET GARDENERS should apply for quotations when larger quantities are wanted.

Alaska, Cleveland's. This new Pea, now first offered to the public, we think is of very superior merit. The originator claims that it is "The Earliest Pea on Earth, The Purest, The Most Prolific, The Best in Flavor of all the Early Family of Peas, in fact the END OF THE LAW. The Best Keeper in the Pod. The Best Color when Shelled. The Best Flavor when Cooked." These claims are well substantiated by the numerous testimonials, from prominent Horticulturists, which show that it is from two to six days earlier, and a blue pea of better quality than any of the First and Best, or Extra Early Peas; grows to about the same height, fully as, if not more, productive; the whole crop comes off nearly at once, making it the most profitable for market gardeners. We planted a few last season in our trial grounds, and from what we personally know of them we can heartily recommend them, as the best for early market. Pkt., 10c.; qt., 40c.; peck, \$2.00.



First and Best. (47 days.) The earliest Pea in cultivation except Alaska. Pods long, well filled, prolific, whole crop matures in a short time. This stock will be found equal to any, and superior to most of the so-called First and Best, First of All, First in the Market and Extra Early Peas, all of which are one variety, only that some have been selected and grown with more care than others, and are more productive. Our stock has been grown by a specialist, who has made the improvement of the Pea a specialty for years, and cannot fail to give the highest satisfaction. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.25; bush., \$4.00.

Rural New Yorker, Cleveland's. (50 days.) This most excellent pea is a little more productive, and but 2 or 3 days later than the above. Pods longer and peas larger and slightly dented. No better pea in its season. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.25; bush., \$4.50.

Daniel O'Rourke, Improved. (50 days.) An excellent pea for family use, although it commences to ripen early, it continues in bearing longer than most early sorts. Grows 2½ feet high. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.15; bush., \$4.00.

Extra Early Philadelphia. (50 days.) A fine early pea, same as Landreth's Extra Early. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.00; bush., \$3.50.

American Wonder. (53 days.) Grows 10 to 12 inches high, very large pods and peas, and of the finest flavor, and of the earliest wrinkled peas in cultivation, and very prolific, a good one every way. Pkt., 10c.; pt., 15c.; qt., 30c.; peck, \$1.75; bush., \$6.00.

McLean's Little Gem. (53 days.) Grows 12 to 15 inches high, although it begins to be fit for use as early as the preceding, the bulk of the crop is later. An excellent green wrinkled pea, yielding more than any other dwarf variety, and of the best flavor. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.25; bush., \$4.50.

Blue Peter, or Blue Tom Thumb. (53 days.) A good bearer, very dwarf, but stout grower, peas blue and of excellent flavor, may be planted close, a fine garden sort. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.25; bush., \$4.50.

Bliss' Abundance. This the O. Ex. Sta. report gives as 70 days, but it is evidently a mistake, as in 1884 it was 52 days. Its time is about 55 days, a half dwarf, grows about 15 or 18 inches high, remarkable for its branching habit, forming large bushes which are literally loaded with long pods, containing 6 to 8 large wrinkled peas of the very best quality, one of the most productive of all peas, and the very best of its season, whole crop matures in a very short time. Pkt., 10c.; pt., 20c.; qt., 35c.; peck, \$1.50; bush., \$5.25.

Horsford's Market Garden. (50 days.) Grows 1½ to 2 feet high, very stocky, needs no bushing, no variety exceeds it in productiveness, requires but a small amount of seed, as it is of a very bushy habit, pods grow in pairs, each containing 4 to 6 peas of the very largest size, and of most excellent flavor, no better pea of its season. "For a variety that continues long in bearing and yields heavily, Horsford's Market Garden seems to have no superior. It is unrivaled for family use."—O. Ex. Sta. report. Pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00; bush., \$7.00.

Bliss' Everbearing. (70 days.) Grows from 1½ to 2 feet high, of branching habit, pods 3 or 4 inches long, containing 6 to 8 of the very largest peas, of peculiarly rich flavor unsurpassed in quality, and very productive, continuing a long time in bearing. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.50; bush., \$5.00.

Yorkshire Hero. (70 days.) A half dwarf, wrinkled, marrow pea, of great productiveness and superior quality, peas very large, producing more weight of peas in proportion to the weight of pods than any variety, except two, these are marrowfats. The three varieties preceding this are close to it, the peas being equal to the weight of the pods; we say, plant this. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.25; bush., \$4.50.

Champion of England. (70 days.) One of the very best in every respect of the older varieties, in fact it may be called the standard of excellence. Height, 4 to 5 feet, peas green, wrinkled and very large. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.25; bush., \$4.00.

Stratagem. (70 days.) One of the best of its season of the new varieties, a bu e, wrinkled, dwarf marrow, 18 inches, requiring no bushing, a great yielder, pods long, peas very large and of excellent quality. Pkt., 10c.; pt., 20c.; qt., 35c.; peck, \$1.75; bush., \$7.00.

PEPPER. Pfeffer.

Ruby King. An excellent, very mild flavored variety, which grows to a very large size, often 5 or 6 inches long, and 3 or 4 inches thick, of a bright ruby red color when ripe, fine for Mangoes. Plants are stocky, and very prolific. Pkt., 10c.; oz., 40c.

Mammoth Golden Queen. New; originator's description: "In color they are a bright waxy



golden yellow, and so mild in flavor that they can be eaten like tomatoes with vinegar. They grow twice the size of the Golden Dawn, a third larger than Ruby King, of the most perfect shape, and uniform large size. *Wonderfully productive*, growing 12 to 16 perfect fruits, 8 to 10 inches long and 4 to 5 inches through on a single plant. Pkt., 10c.; ¼ oz., 30c.; oz., 50c.

Sweet Mountain. Grows to a very large size, often 6 or 7 inches long and 3 or 4 inches thick, remarkably mild and sweet, excellent for stuffed pickles or mangoes. Oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Golden Dawn. An excellent, mild flavored, golden yellow, large sized, early pepper. Oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Large Bell, or Bull Nose. A good sized, thick meated, mild flavored sort. Oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Long Red Cayenne. A small, long pointed sort, strong and pungent. Oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

PUMPKIN. Kurbis.

Mammoth, Potiron, Jumbo, Tours. This is the largest in cultivation, has been grown in Kentucky to weigh 226 lbs., skin salmon colored, bright yellow flesh, fine grained. Oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

Etampes Mammoth Red. A new French variety, grows to a large size, matures early, bright glossy red in color, flesh thick, rich colored and good quality. Oz., 15c.; ¼ lb., 40c.; lb., \$2.50.

Nantucket. The old Yankee Pie Pumpkin, on account of its very dark color, almost black, it is also called Negro. It grows quite rough, ribbed and warted on the outside, but inside it is rich, sugary, and not equaled by any other for culinary purposes, almost as rich as a Hubbard Squash, and will keep a long time. Oz., 15c.; ¼ lb., 50c.; lb. \$1.75.

Sweet Sugar or Kentuck. An excellent small pumpkin, with deep orange colored skin, flesh remarkably fine grained and sugary, very productive and keeps well. Oz., 10c.; ¼ lb., 25c.; lb., 75c.

Cushaw or Crookneck. Resembles the Canada Crookneck Squash, but is very much larger, color dull yellow, or striped and mottled with green, flesh salmon color, of good size, very solid and productive. Oz., 10c.; ¼ lb., 25c.; lb., 75c.

Grey Boulogne. From France, with high culture, it grows to very large size, large, round, little flattened at the ends, skin grayish green, flesh golden yellow. Oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

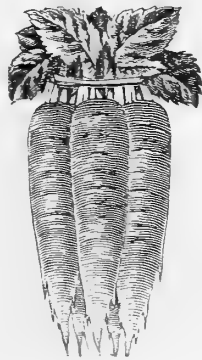
Large Field. Seed taken from fine specimens. Oz., 5c.; ¼ lb., 10c.; lb., 30c.

POTATOES. Kartoffel.

See special department.

RADISH. Rettig.

Chartiers. Bechert's Improved. New. We head our list with this most excellent variety, as we think it is ahead of all others, in every respect except earliness. Sown at the same time, it is ready for use as soon as the Long Scarlet, and but little behind the turnip and olive shaped sorts. They grow very uniform in shape, as show by the cut, color bright crimson at the top, gradually shading to a pure waxy white at the bottom, making them very attractive in the market or on the table. They are very crisp, mild flavored and tender, and remain a long time, and attain a very large size, before becoming unfit for use. We had them last season nearly a foot in length, and 1¼ inches or more through, before they became pithy, and when they do become pithy they do not so soon loose their crispness and flavor as other sorts. We have choice seed of our own growing,



from select specimens. Market men will do well to plant largely of this, as no other will sell beside it. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Shepherd. A new variety, thus described: "A very large growing, long scarlet white tipped radish, which produces radishes of good market size, an inch and a half in diameter and a foot in length in thirty days from planting, will, if left to grow, attain a size of three inches in diameter, and over 20 inches in length, before becoming pithy and tough. So it is equally valuable as an extra early Spring, Summer and Fall variety." One writer says: "I have grown them this season to the size of thirty inches around and three feet in length in 120 days, and I had them ready for market in 25 days from planting." Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

French Breakfast. An early scarlet, olive shaped, white tipped variety, of very quick growth and excellent flavor. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early Scarlet Olive. Same as the above, except the white tip. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early Scarlet Turnip. White Tipped, very early. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Long Scarlet. Short Top. The well known variety. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Dayton. This has proved to be very inferior, rarely fit to eat, as it throws up flower stalks before it attains any size. We beg pardon of those who have bought any of us, for ever offering it, and as a partial atonement, for the unintentional wrong, we will make each a present of a packet of Charters Radish, upon application.

Giant White Stuttgart. Both flesh and skin pure white, grows to a very large size, a summer or fall variety, flesh firm, brittle, and of good flavor. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Scarlet China, or Chinese Rose. An excellent winter variety, flesh firm, a good keeper. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Long Black Spanish. One of the best for winter use, keeps till spring. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

California Mammoth White Winter. The largest radish grown, of excellent quality, for fall or winter use; also called *Mammoth Russian*, and *Large White Russian*. Oz., 10c., $\frac{1}{4}$ lb., 25c.; lb., 75c.

SALSIFY, or (Vegetable Oyster.) *Haferwurzgel.*

Long White. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Mammoth Sandwich Island. New, roots resemble a good sized parsnip, white. Oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

Scarzonera, or Black Salsify. More productive than Long White. Oz., 20c.; $\frac{1}{4}$ lb., 60c.

SPINACH. *Spinat.*

Round Leaf. In general use for spring or autumn sowing. Oz., 8c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Long Standing. Similar to Round Leaf, but is not inclined to run to seed for a long time; excellent for spring sowing. Oz., 8c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Bloomsdale Savoy Leaved. The leaves are curved, like Savoy Cabbage, very prolific, and best suited for fall sowing. Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

SQUASH. *Kurbiss.*

Summer Crookneck. The best of the season in quality, very early. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Yellow Bush Scallop. Very early. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

White Pine Apple. Of little value, unless as a curiosity. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Perfect Gem. A small, prolific, hard shelled, yellowish white squash, for summer or winter use. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

American Turban. A very superior variety, for late summer and fall use; it is dry, fine grained, and remarkably rich flavored, and one of the most prolific. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.



Essex Hybrid. A cross between the Hubbard and the American Turban, has the color, shape, great productiveness, and superior qualities of the Turban, with the dryness and hard shell of the Hubbard, making it one of the best keepers, as well as one of the richest flavored, and most prolific. Every one should plant this on account of its rapid growth. It can be planted as a second crop, after early potatoes or peas, and after the maggot, so troublesome in many places, has passed. A most excellent one every way. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Hubbard. A great favorite, more extensively grown for market than any other winter variety, of good size, color dark green, shell very hard, flesh yellow, fine grained, dry and sweet. We offer very choice seed, of our own growing. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.



Marblehead. In many respects, similar to the Hubbard, but differing in color, which is light blue, and flesh not as yellow; a very solid, hard shelled squash. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Winter Crookneck, or Canada Crookneck. A well known, prolific, hardy variety, flesh fine grained, sweet and fine flavored, not as liable to injury from bugs as other sorts. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Olive. A new French variety, of the color and shape of an olive, weight 6 to 8 lbs., skin smooth, flesh thick, golden yellow, very good quality, and prolific, good for early winter. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Red China. A small, handsome, bright red squash, flesh bright yellow, very dry, sweet, and good flavor, shell very hard, very productive. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Brazil Sugar. A new summer and autumn squash from Brazil, skin bright yellow, slightly warty, flesh yellow, sweet, fine grained, grow to weigh 3 or 4 lbs., ripen early. Oz., 10c., $\frac{1}{4}$ lb., 25c., lb., 80c.

Mammoth Chili. The "big" exhibition squash, the largest of all, often weighing over 200 lbs. Oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.25.

New Mediterranean. "The skin is quite smooth, of a red salmon color, the flesh of a beautiful rich yellow, very sweet, fine and floury. Its rich flavor is not approached by any other variety. The vines grow vigorously, are extremely hardy and productive, and rank among the best winter sorts as a keeper. Flesh very thick, with a small seed cavity." Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

SUNFLOWER.

Mammoth Russian. Gray or striped seed; heads grow very large. An excellent feed for poultry. Oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

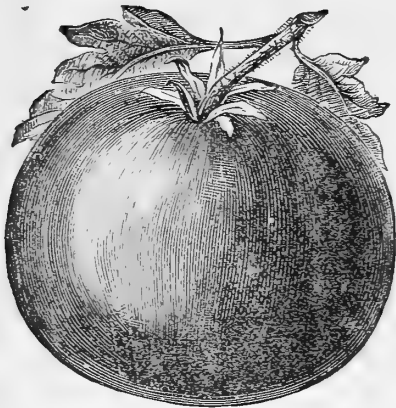
TOMATO. *Liebes-Apfel.*

Growing Tomatoes for market and for seed has been a specialty with us for over twenty years, and in that time we have thoroughly learned the importance of the "survival of the fittest." The utmost care is taken to save our stock seed, and is always saved from the most perfect specimens, and those earliest ripened. In this way we have been able to steadily improve, or at least keep our stock up to the highest standard.

Perfection. Livingston's. The fruit is of good size, color blood red, quite early, nearly round, very smooth and solid, with few seeds; productive, a good shipper and of fine quality, holds out well to the close of the season. Oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Acme. Livingston's. Like Perfection, except in color, which is purple, and has more tendency to rot in unfavorable seasons. Oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Beauty. Livingston's. New; introduced in 1886; a very large, smooth, solid, handsome and productive tomato, color purple, similar to Acme, and nearly as early, and does not show the same tendency to rot, a vigorous grower, fruit keeps well, and its rather tough skin ought to make it a good shipper. Pkt., 10c., $\frac{1}{2}$ oz., 25c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.



ADVANCE. Our 90 Days Tomato.

We first offered this to the public two years ago, and we are glad to be able to say that we have nothing to take back of the high recommendations we then gave it, on the contrary, we have been even more than sustained in our claims by its good behavior and large number of favorable commendations.

The seed we offer this year is strictly *peargree* seed. In 1834 we saved the seed from a perfect specimen. Several plants grown from this seed were planted in isolated places, we then saved seed from a few of the earliest and best specimens from the *best* plant, from this seed our stock we now offer was grown. We have increased the size, and almost entirely eliminated the purple spots, and we again offer it as the *Earliest Smooth Tomato* in existence, and as early as any of the rough sorts, the fruit is *Above Medium Size*, a beautiful *Glossy Bright Red Color*. The *Most Productive* of any variety, either early or late we have ever grown, except the Mikado. *Quality the Best*, very few as good, none better. It is the *Smoothest Tomato* we have ever known, the *Most Perfect in Form*, nearly *Globular*, not a ribbed or rough one.

Never Rots. Ripens all over evenly and perfectly, and keeps a long time, making it a first-class shipping tomato. Best selected seed from earliest specimens; Pkt., 15c; $\frac{1}{2}$ oz., 60c; oz., \$1.00. First-class seed; Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.40; lb., \$5.

"The 'Advance' proved to be all that you claimed, and in flavor unequalled by any other tomato."

CHAS. PETERSEN, Omer, Mich.

"Its 'Advance' merits consist: *First*, in hardness. *Second*, early maturity. *Third*, productiveness. *Fourth*, small labor in preparing it for the table. *Fifth*, its superior flavor, acknowledged by all, who have partaken of it at my table, to be free from the strong, unsavory taste, so characteristic of many kinds."

J. M. LAWRENCE, Plaine Grove, Pa.

"The Advance is the *earliest* large tomato we have ever seen." PRINGLE & HORSFORD, Charlotte, Vt.

"We found the Advance to ripen to days ahead of any other, free from rot, and yielded largely."

J. S. WILLISTON & Co., Athens, Pa.

"The Advance proved the thriest of *ten standard* varieties, and ripened eight days before early Acme; of good size and color."

C. WILLARD & SON, near Bellows Falls, Vt.

"The Advance is the *best* early Tomato I have ever raised. I had more ripe fruit from 300 plants the first two weeks than from 700 Alpha plants."

L. R. STONE, Ogden City, Utah.

Alpha. This originated with us, and was first introduced eight years ago, "as the *earliest* Tomato of good marketable size known." In many sections it has become the standard variety for early market, and has proved one of the best shipping Tomatoes. For

some cause, unexplainable, on light sandy soils or in very dry spells, it grows rough. On heavy or loam soils and in average seasons, it has given the best satisfaction. Then it is largely smooth, very solid, brilliant, dark red color, of the best quality, very early, ripens perfectly around the stem, very productive, never rots or cracks after rains. It is second to no early variety save "Advance," in any respect, and where it does well, its friends will be slow to give it up. We could fill our catalogue full of testimonials, similar to the following, from Market Gardeners:

"Your 'Alpha' is the best early tomato I have ever raised, but I cannot get it true here.

ABRAM JOHNSON, Newburg, N. Y.

"The 'Alpha' did finely last season; they were *smooth*, and the earliest I ever had. I had the first ripe fruit in the neighborhood. I see now the seed I got from —, Pa., a few years ago was *bogus*, as the fruit was late and rough."

J. M. NELSON, Richmond, Ind.

"As usual the 'Alphas' were two weeks earlier than any other variety."

A. W. PALMER, Manchester, Me.

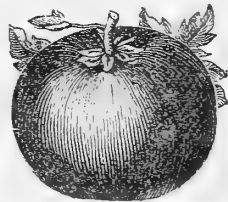
Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Favorite. *Livingston's*. One of the largest, second early, smooth tomatoes, color dark red, flesh solid, good flavor, few seeds, very prolific, and holds out to the end of the season, not as liable to rot as Acme. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Paragon. *Livingston's*. This is the first of Mr. Livingston's introductions, and is the parent of all the rest. It does not ripen as early as Acme or Perfection, and is inclined to grow some oblong fruit, in other respects it is very similar to its descendants, a rich blood red color. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

The Belle. A new tomato of *very large size*, of perfect shape, medium early, of a beautiful bright scarlet color, very solid, few seeds; will remain on the vine a long time without cracking or rotting; a very excellent tomato in every respect. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.

Mikado. New. Introduced in 1886 as a tomato of *immense size*, *perfect solidity* and *unsurpassed quality*. After growing it we can heartily endorse this claim. It is purple in color, second early, and larger, more solid, (very few seeds,) and more productive than



any we have grown before, and none of better flavor. The foliage resembles the potato; by some claimed to be the same as *Turner's Hybrid*. Its only fault is that a portion of the fruit is not smooth enough, notwithstanding that it will yield more bushels of marketable fruit than any other kind. It is a good one especially for home use, unsurpassed for slicing or canning. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.

Essex Hybrid. A tomato of recent introduction that has become very popular around Boston, closely resembling Acme, but of entirely different parentage; less liable to rot, a very fine purple tomato. $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.25.

Cardinal. Color, brilliant cardinal red, form nearly round, solid, few seeds; by some considered the best of all tomatoes. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Market Champion. A favorite variety with the Philadelphia market men; said to be very early, large size, perfectly smooth, color bright glossy pink, flesh solid, and unusually productive. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.

Golden Queen. We add this to our list, as we think it is the best in every respect of the yellow tomatoes; it is of good size, smooth and handsome, not as acid as red sorts, fine flavor. $\frac{1}{2}$ oz., 25c; oz., 40c.

GARDENERS Please notice that we put up packets of nearly every variety of Vegetable Seed for 5 cents, while many others charge 10 cents for no larger packets of many varieties. This will be found to make quite a difference in making selections for our LIBERAL OFFER, page 3.

TURNIP. Ruebe.

Extra Early Milan. Very early, flat, bright purple top, medium size, fine quality. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

Purple Top Munich. The earliest turnip in cultivation. Oz., 10c.; ¼ lb., 20c.; lb., 50c.

Early White Flat Dutch. Strap Leaf. An excellent pure white sort, for fall use, grows quickly. Oz., 10c.; ¼ lb., 20c.; lb., 50c.

Early Purple Top. Strap leaf. Differs from the above only in having a purple top. Oz., 10c.; ¼ lb., 20c.; lb., 50c.

White Egg. A valuable new variety for fall and winter use, skin very smooth, pure white, large size, egg shape, one of the best for table use. Oz., 10c.; ¼ lb., 20c.; lb., 50c.

Pomeranian White Globe, Strap Leaf. (Large White Globe.) This is the best of the class; it grows to be 6 inches through, snow white skin and flesh, keeps well into the winter, fine for the table or stock, one of the best market sorts. Oz., 10c.; ¼ lb., 20c.; lb., 50c.

Red Top Globe. An excellent early sort, very solid, prolific, and a good keeper. Oz., 10c.; ¼ lb., 20c.; lb., 50c.

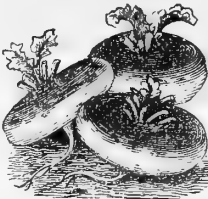
White Russian. Clear, white flesh, oval form, a superior variety for table use, in winter and spring. Oz., 10c.; ¼ lb., 20c.; lb., 50c.

Improved American Purple Top Ruta Baga.

Flesh yellow, very smooth and solid, yields immense crops, grown mostly for stock; our seed is from a fine strain. Oz., 10c.; ¼ lb., 20c.; lb., 50c.

Carter's Imperial, Ruta Baga, or Swede. One of the best and sweetest for table or stock. Oz., 10c.; ¼ lb., 20c.; lb., 50c.

Cow Horn. A long, white, rapid growing variety, grows partly above ground, flesh fine grained, sweet, excellent for table or stock. Oz., 20c.; ¼ lb., 20c.; lb., 50c.



HERBS, Sweet and Medicinal.

	Pkt.	Oz.	¼ lb.	lb.
Anise, annual.....	5	10	30	1 00
Borage, annual, good for bee food.	5	20	60	2 00
Caraway.....	5	10	20	60
Coriander, annual.....	5	10	25	80
Dill, annual.....	5	10	35	1 00
Fennel, Sweet, Perennial.....	5	10	35	1 00
Horhound, Perennial.....	5	40	1 25	4 00
Lavender, Perennial.....	5	20	80	2 50
Saffron, annual.....	5	15	50	1 50
Sage, Broad Leaved, Perennial..	5	20	60	2 00
Summer Savory, annual.....	5	15	60	2 00
TANSY, Perennial.....	5	40	1 25	4 00

TAKE NOTICE.

In the foregoing list we have aimed to include all of the best varieties, in fact everything that is needed to make a first-class Vegetable Garden, and yet if any of our patrons would like any variety of seed not found in this list, please order it with such seeds as are in the list that you want and we will get them for you at regular prices.

"The very best early sweet corn I have ever had is Ford's Early. It is remarkably early, sweet and excellent." S. M. BURNHAM, Akron, O.

SWEET SPANISH PEPPER.

A new variety from Valencia, Spain, of the very mildest flavor, and sweet; color when ripe of a coral red, from four to five inches long, and pointed at the end. It is so mild in flavor that it is used in Spain for canning, cooking and eating raw, as we use tomatoes. The foliage and habit of the plant is distinct from our common varieties. Pkt., 25c.; oz., 75c.

EARLY GOLDEN CLUSTER.

Wax Pole Bean. We offer this new bean, believing that it will be found a grand acquisition to the already long list of beans. "It matures ready for use before any other pole bean, and only a few days later than the Dwarf Golden Wax, and yet continues to bear till frost; marvelously prolific, pods grow in clusters of three to six, and are six to eight inches long, of a beautiful golden yellow, which they retain a long time after being picked. It snaps easily, is stringless, cooks tender and of very delicate flavor." Pkt., 25c.; ½ pt., 50c.

BAY STATE SQUASH.

A new variety from the introducer of the Essex Hybrid, which it somewhat resembles in form; the shell however, is green in color, and very hard and flinty, and is somewhat earlier. The flesh is of a bright golden yellow, very dry, fine grained, sweet, excellent flavor, extremely thick and solid, seed cavity very small, average weight, about ten or twelve pounds, remarkably productive, and keeps till late in the spring in fine condition. We think this will be found a most excellent squash. Pkt., 10c.; oz., 40c.; ¼ lb., 51c.

VEGETABLE PLANTS.

If to go by mail add to the price 25 cents per 100; at dozen price postage will be paid by us.

CABBAGE. Early varieties, ready about May 1st. **Jersey Wakefield.** **Henderson's Summer.** **Low's Peerless,** Per 100, \$1; per 1,000, \$6.

CABBAGE. Late varieties. **Pre. Flat Dutch.** **Fottler's Brunswick.** **W. Nningstadt.** **Berkshire Beauty.** **Low's Peerless.**

Savoy. All grown from Puget Sound Seed except Savoy. Per 100, 30c.; per 1,000, \$2.50, packed to ship; if taken from the beds without packing, per 100, 25c.; per 1,000, \$2 00.

CAULIFLOWER. Early **Snowball.** **Extra Early Dwarf Erfurt.** Per doz., 30c.; per 100, \$1.50. Ready about May 1st.

CELERY. **Golden Heart.** **Crawford's Half Dwarf.** **Boston Market.** **White Plume,** and **Landringham White Dwarf.** Per doz., 25c.; per 100, 50c.; per 1,000, \$3.00.

EGG PLANTS. **Improved New York Purple,** and **Black Pekin.** Per doz., 60c.; per 100, \$3 00.

PEPPERS. **Ruby King.** **Sweet Mountain,** and **Golden Dawn.** Per doz., 50c.; per 100, \$2.00.

TOMATO. **Advance.** **Mikado.** **Beauty.** **Belle.** **Alpha.** **Favorite.** **Acme.** **Perfection.** **Cardinal.** Per doz., 30c.; per 100, \$1.50; per 1,000, \$10.

SWEET POTATO. **Nansemond.** The best variety for this latitude. Per 100, 50c.; per 1,000, \$3.

ASPARAGUS ROOTS.

If to go by mail, add for postage 10c. per doz., 40c. per 100, for one year plants, and 25c. per doz., \$1 per 100 for 2 year plants.

Conover's Colossal. A very large, standard sort. 1 year plants, 25c. per dozen, 50c. per 100; 2 year plants, 30c. per dozen, 75c. per 100.

Moore's Cross Breed. A new variety of the largest size, and of excellent quality. 1 year plants, 30c. per dozen, \$1 per 100; 2 year plants, 40c. per dozen, \$1.50 per 100.

Palmetto. A new early variety, very even and regular in its growth, remarkably tender, and of the finest flavor, yielding even better than Conover's Colossal. Roots per dozen, 40c., per 100, \$2.50.

Our friends will confer a favor, that will be reciprocated, by sending us the names and address of their friends and neighbors whom they know are interested in growing SMALL FRUITS or VEGETABLES, especially MARKET GARDENERS.

BEAUTIFUL FLOWERS.

See Liberal Offer, page 3, which includes flower seeds, in whole or in part, as desired. Our list, although not as long as some, contains the most popular and desirable varieties of flowers, and those of easy cultivation, and we are sure will give the greatest satisfaction, for the outlay of any list we could make. We spare no efforts to have our Flower Seeds of the very best quality in every respect.

Should you desire any variety not in this list we shall be glad to receive your order for it, and we will procure it from a reliable source, at the regular prices.

ABBREVIATIONS: A. denotes Annual; H. A., Hardy Annual; H. H. A., Half Hardy Annual; H. P., Hardy Perennial; M., several varieties and colors in the packet. The numbers before the names are given for convenience in making out orders, and should be used instead of writing the name. No charge for postage on Flower Seeds.

1. Ageratum, <i>finest mixed</i> , H. H. A.	5c	38. Lupinus, many colors, M. H. A.	5c
2. Alyssum, <i>sweet</i> , H. A.	5c	39. Malope, crimson, fine, H. A.	5c
3. Amaranthus, tri-color, <i>Joseph's coat</i> , H. A.	5c	40. Marigold, Dwarf French, M. H. H. A.	5c
4. Antirrhinum, <i>Snap dragon</i> , M. H. P.	5c	41. Marigold, African Quilled, M. H. H. A.	5c
5. Aquilegia, <i>columbine</i> , all colors, M. H. P.	5c	42. Marvel of Peru, <i>Four O'Clock</i> , M. H. A.	5c
6. Aster, China, choice, M. H. H. A.	5c	43. Mignonette, Large Flowered, H. A.	5c
7. Aster, German Quilled, M. H. H. A.	5c	44. Mignonette, Golden Queen, gold color, H. A.	10c
8. Balsam, double camelia flow'd, M. H. A.	10c	45. Mimosa, <i>Sensitive plant</i> , H. H. A.	5c
9. Balsam, fine double mixed, H. H. A.	5c	46. Nasturtium, Dwarf, M. H. A.	5c
10. Balsam, dwarf double, M.	10c	47. Nemophila, <i>Love Grove</i> , M. H. A.	5c
11. Balloon Vine, <i>climber</i> , H. H. A.	5c	48. Pansy, fine colors, M. H. P.	10c
12. Calliopsis, mixed, H. A.	5c	49. Pansy, extra choice, M. H. P.	25c
13. Candytuft, fine, M. H. A.	5c	50. Petunia Hybrida, finest striped and blotched varieties, M. H. A.	25c
14. Campanula, <i>Canterbury Bells</i> , M. H. A.	5c	51. Petunia, good varieties, M. H. A.	10c
15. Canna, <i>Indian Shot</i> , H. H. P.	5c	52. Primula, <i>Chinese Primrose</i> , choicest, M.	25c
16. Canary Bird Flower, H. H. A.	10c	53. Phlox Drummondii, finest varieties, many colors, M. H. H. A.	5c
17. Callia, <i>Tassel Flower</i> , M. colors, H. A.	5c	54. Phlox, new, large flowering, M. H. H. A.	10c
18. Carnations, fine double, M. H. H. P.	10c	55. Phlox, very dwarf, fine, M. H. H. A.	15c
19. Clarkia, choicest mixed, H. A.	5c	56. Poppy, <i>Carnation Flowered</i> , M. H. A.	5c
20. Cobeia Scandens, <i>climber</i> , H. H. A.	10c	57. Portulaca, Single, all colors, M. H. A.	5c
21. Convolvulus, <i>Morning glory</i> , M. H. H. A.	5c	58. Portulaca, Double, all colors, M. H. A.	15c
22. Crysanthemum, finest H. A. varieties, M.	5c	59. Pyrethrum Roseum, H. P.	10c
23. Cypress Vine, fine climber, H. H. A.	5c	60. Ricinus, <i>Castor Oil Bean</i> , H. H. A.	5c
24. Celosia, <i>Cockscomb</i> , M. H. H. A.	5c	61. Salpiglossis, finest, M. H. H. A.	10c
25. Catchfly, red, white, rose, M. H. A.	5c	62. Stocks, Dwarf, 10 weeks, good, M. H. H. A.	5c
26. Dianthus Barbatus, <i>Sweet Will'm</i> , M. H. P.	5c	63. Stocks, choicest varieties, M.	15c
27. Dianthus Chinesis, <i>Indian Pink</i> , M. H. A.	5c	64. Scabiosa, <i>Mourning Bride</i> , great variety of colors, Fl. Pl., M. H. A.	5c
28. Eschscholtzia, <i>Cul. Poppy</i> , M. H. A.	5c	65. Sweet Peas, fine colors, M. H. A.	5c
29. Globe Amaranthus, M. H. A.	5c	66. Verbena, fine varieties, M. H. H. P.	10c
30. Gourds, <i>ornamental</i> , M. H. H. A.	5c	67. Verbena, extra choice, M. H. H. P.	25c
31. Helichrysum, <i>Everlast'g Flowers</i> , M. H. A.	5c	68. Zinnia, extra choice, M. H. A.	5c
32. Helianthus, <i>Sunflower</i> , O. Wilde, H. A.	5c	69. Zinnias, Large Flowering Dwarf, M.	10c
33. Helianthus, Dwarf Double, fine, H. A.	5c	70. Zinnias, New Pompones, very double, many colors, distinct and beautiful, M.	15c
34. Ipomea, climber, H. H. A.	10c		
35. Ice Plant, Dwarf Triller, H. H. A.	5c		
36. Larkspur, <i>Dwarf Rocket</i> , double, M. H. A.	5c		
37. Lobelia, finest varieties, M. H. H. A.	10c		

New Dwarf Sweet Alyssum.

LITTLE GEM.

A beautiful variety now first offered. The plants are of very compact, spreading habit, and only 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter.

It begins to bloom when quite small, and so profusely that the plants are a solid mass of white from Spring till late in Autumn, on a single average sized plant, 600 clusters of flowers have been counted at one time. The flower clusters are more compact, larger and better for cutting than the common varieties. A gem indeed. Pkt., 15c.; 4 pkts., 50 cts.

TUBEROSE, Dwarf Pearl.

Flowers pearly white, very large, and double, a profuse bloomer, stalks rather short and stout, often having from two to three dozen flowers each. The very best of the tuberoses. Very large flowering bulbs, 10 cts. each, \$1.00 per doz.; good flowering bulbs, 8 cts. each, 75 cts. per dozen.; postage free.

PAEONIES, Chinese.

These are perfectly hardy, very showy, and sweet scented, will grow anywhere if the soil is made rich. These should be planted by everyone. We have many shades of color from pure white to pure rose color. Each 20 cts., per doz. \$2.00.

As we go to press without knowing the quotations of others on most things, and although we are confident that our prices will average low, yet should our prices of ANYTHING be found too high, we are ready to meet all HONORABLE COMPETITION.

THE POTATO.

For several years we have made a specialty of growing potatoes for seed, and no pains have been spared to keep them unmixed. Our seed of new varieties we have obtained from the introducers, to insure their being true to name, and we are pleased to be able to say, that of the thousands of bushels of potatoes, we have sold, we have never had but one complaint, and that without cause, that they were mixed, or not true to name, and the quality of the stock has given universal satisfaction, and we will not in the future relax our efforts to supply our patrons with good stock in every particular.

WE COMMENCE SHIPPING as soon as all danger from freezing is over. *Our Southern trade supplied for early spring planting by watching the weather and shipping between "blizzards."*

EARLY ORDERS for potatoes can be packed all ready for shipment, before shipping time, which will greatly facilitate our spring work.

We do not bind ourselves to present prices, only so long as our stock now in store remains unsold, after which orders will be accepted and filled only at market rates. As we go to press without knowing the quotations of others, should any of the prices be found too high, we will make them as low as those of any reliable dealer.

We have the largest and best stock in store now that we have ever had.

Special quotations on large lots.

REMEMBER we use large barrels (Flour size) holding nearly three bushels by weight, while most dealers use barrels holding from 2½ to 2¾ bushels.

SPECIAL OFFER.

If ordered early so they can be put up before shipping time, we will make up barrels of Potatoes of as many kinds as desired. 1 bushel of a kind at ⅓ and 1 peck at 1-10 of the barrel price. When bushel price only is given deduct 10 per cent. for one bushel, 1 peck, ¼ bushel price. When only peck price is given deduct 10 cents, and single pounds at 1-10 peck price.

Our regular barrel is the flour barrel, holding nearly three bushels; will hold 10 to 11 pecks of assorted kinds. We can use sugar barrels, that will hold 12 to 13 pecks, according to how many kinds are put in. There is no danger of the kinds getting mixed. We mark the head to take out: "*Open This End.*"

COLLECTIONS.

Those desiring to make collections for exhibition or other purposes, can select from all varieties, priced 10 cents per pound; 5 lbs. or more at 8 cts. per lb.; 10 lbs. or more at 7 cts. per lb.; 25 lbs. or more at 6 cts. per lb.; 50 lbs. or more at 5 cts. per lb. In collections consisting of not less than 10 varieties, those priced at 15 cts. per lb. and over, may be included, at 5 cts. less per lb. than list price. Each variety, correctly labeled and packed to go by express or freight.

DESCRIPTIONS.

To save space and avoid repetition in our descriptions, we use the abbreviations V. E. for very early, E. for early, M. for medium, L. for late, to denote the relative time for ripening. P, 10; P, 6; &c., to denote the relative productiveness. G, 10; G, 6; &c., to denote the relative quality as they appear to us, from repeated tests. In describing the form, the first term used, denotes the shape of the potato as viewed from the broad side, the second term is the form of the cut surface if the tuber was cut crosswise in the middle.

There is no guess work in our descriptions, as when making them we always have a few samples of the variety before us, and every description is our own unless quotation marks are used.

SIX NEW POTATOES.

Never before offered to the public.

CHARLES DOWNING, V. E., oblong, oval, skin white, netted, eyes few, very smooth, medium size, very handsome and of very excellent quality, vines strong, the most productive and the very best of the Snowflake family. See table, under head of Lee's Favorite for comparative yield at O. Ex. Sta. The same report says: "Cooking test, skin broke well in boiling, firm white flesh, flavor and grain excellent. We consider it one of the new varieties worthy of commendation." Mr. O. H. Alexander, of Vermont, was the originator of this, as well as many other fine sorts, including State of Maine and Green Mountain. Last season from a small tuber not 4 ozs. in weight in common field culture. We grew a peck of handsome, very even sized tubers, with very few small ones. Being of such fine quality and a good yielder, it must become a leading potato, and we are glad of the opportunity to offer it to our patrons, believing it will not disappoint them. Price, by mail, postpaid, 1 medium sized tuber, 15c.; 1 lb., 60 cts.; 3 lbs., \$1.50. By express or freight, lb., 50c.; peck, \$2.00; bush., \$6.00; barrel, \$12.00.

NOTT'S VICTOR. *Originator's description.* "It is among the earliest, producing tubers of good size and fine quality for table use in sixty days; easy to dig, and a large yielder; keeps remarkably well, and retains its good cooking and eating qualities up to late spring and early summer. Has yielded at the Rural New Yorker trial grounds at the rate of 1,100 bushels per acre, 75% being of marketable size. Light russety brown in color, with faint mottlings of pink. In form, roundish flat, and not very long. Flesh

white, mealy and rich in flavor. Eyes vigorous and not numerous, nor deeply sunk. A thrifty grower, stalks medium in length, foliage handsome. Last winter the Victor kept well, while many others in the cellar with them rotted badly." This will be recognized by many as one of the varieties tested at the Rural grounds in 1884, making the largest yield of any early potato there or elsewhere. We have been in correspondence with Mr. Nott ever since, with a view of offering it as soon as it was in the market. Thousands have been waiting for it, and it only needs to be known that it is for sale to make a great demand. Price, prepaid by mail, lb., 60c.; 3 lbs., \$1.50; by express or freight, lb., 50c.; peck, \$2.00; bush., \$5.00; bbl., \$10.00.

SYLVAN. Season medium; long, oval, skin purest white, thickly netted, eyes few and smooth, size medium to large, vines medium height and stocky, scarcely excelled in productiveness; in quality, one of the very best, either baked or boiled. Mr. G. G. Woodmansee, of Michigan, the originator, sent us a peck for trial last spring, and from the product of one year's planting we give the above description. This potato has never been offered before, and will not be offered by any other seedsmen this year. It is a grand potato in every respect, and its clean, handsome appearance, and remarkable smoothness will make it a splendid market variety. Our stock of this, except a few grown by us, was grown in Michigan by the originator, who says, in a letter of Oct. 8, 1886: "The Sylvan has come to stay. They are *Daisies*, not too large or too small, smooth and nice, while my Early Rose and Beauty of Hebron are scabbed almost beyond recognition. The Sylvan has outyielded any and all on my farm."

"Mr. Woodmansee gave me five of his seedling po

AGENTS. We are frequently asked if we employ any agents. To this we invariably say we do not. But there are many who have sold our stock, and we would be glad to have many more sell, or make up clubs for our Plants and Seeds. Any one having the confidence of their neighbors can do well selling our stock to them. Those who have tried us say we deal liberally with them.

tatoes that he calls his Sylvan, from which I raised 3 bushels in 1885. I planted some again last spring, with nine other kinds; they beat them all. The coming spring I shall plant no other, except one early kind. The Sylvan is the best potato I ever raised or ate. In size very uniform, not the largest, but large enough, and for eating quality 'boss.'

A. R. S., Little Prairie Ronde, Mich.

Price, by mail, lb., 50c.; 3 lbs., \$1.25. By express or freight, lb., 35c.; peck, \$1.50; bush., \$4; bbl., \$9.

SUMMIT. Early, long, oval, skin buff, with some pink tint, especially about the eyes and seed end; eyes not very numerous, large, some depressed; size from medium to large, vines vigorous and stout; in quality it ranks with the best, and is remarkably productive. It is now first offered to the public. Mr. Sine favored us with two tubers for trial, which we planted, and from the produce we made the above description. We have baked and boiled them, and find them very fine in all respects. The Rural New Yorker of May 1, 1886, says: "This potato (Summit), gave the largest yield of any tested on our experimental grounds last season, yielding at the rate of 1,210 bushels per acre; eaten Dec. 10th: is white-fleshed, dry and mealy."

The following resolution was passed by a unanimous vote at the October, 1886, meeting of the Summit County, O., Horticultural Society:

"We, the members of the Summit Co. Hort'l Society, hereby commend to the public the Summit Potato, originated by Mr. E. E. Sine, which we have had the pleasure of testing this day at dinner at his residence. We have eaten it boiled and baked, and unite in pronouncing it as good as the best in flavor, and the finest in appearance of any potato with which we are acquainted.

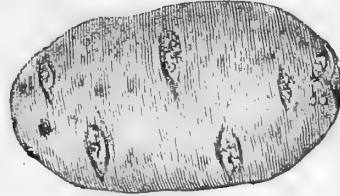
Price, by mail, prepaid, lb., 60c.; 3 lbs., \$1.50. By express or freight, lb., 45c.; peck, \$1.50; bush., \$4.00; bbl., \$9.00.

1 lb. of each, Chas. Downing, Nott's Victor, Summit and Sylvan by mail, \$2.00, less the weight of wrapping, as no package can be mailed weighing over 4 pounds.

CRANE'S JUNE EATING. *Originator's description.* "The earliest market potato known. It was produced from a seed ball of the Eureka in 1884, and is the first variety known to produce three pounds of first-class eating potatoes the first year from the seed ball. One tuber weighing 1/2 lb. cooked light and flowery as a snowflake. The shape is a duplicate of the Early Vermont, (which is oblong to long, nearly round,) color white, clouded with a purple tint, flesh white. The tubers grow large, few small ones, unusually compact, wholly below the surface. The growth and foliage are like the Early Rose, and, judging from its past three years, no other potato surpasses it in yield or quality. This year, 1886, in Central Wisconsin, they were ready for the table June 20th, and that in the midst of a fearful drouth." Mr. Crane, the originator of this, has an enviable reputation, as the producer of several very fine potatoes, (among them the Bonanza, which was bought by the government for distribution.) We offer it, because we have confidence that it will be found an excellent potato, and those who secure some of the very limited stock, which will be offered this season, will be fortunate. Sold only by the lb. at \$1.00; postpaid, 1/2 lb., 60c.

CRANE'S KEEPER. *Originator's description.* "A seedling from Eureka in 1883. The tubers are large, white inside and out, shape round, and unusually elongated, very solid, eyes few and even with the surface, yields bountifully, cooks fine and floury, a very strong grower, the tops spreading, ripens the last week in August, and as a keeper is unsurpassed, and is deemed a great accession as a late keeper; possessed of very good quality. Coming from the same source as June Eating, we have confidence that it will prove a good one. First-class late keepers are scarce, and one that proves such will be a great acquisition. Sold only by the lb., at \$1.00; postpaid, 1/2 lb., 60 cts.

LEE'S FAVORITE



Still Takes the Lead.

It is with a considerable degree of pride that we again offer this, the very best of all Early Potatoes yet introduced, and that we were the introducers. Although the first two years we paid out more to advertise it than we got back in money, it is a partial compensation at least to know that to-day it stands the highest of all Early Potatoes, combining more good qualities, including yield and flavor. The thousands of unsolicited commendations we have received from all parts of the country, and results of private and experimental station tests, are proof of this.

From the report of the Ohio Experimental Station for 1885, pp. 58-61, we extract the following table for comparison with well known varieties. There were in all 92 varieties under trial, and Lee's Favorite in point of yield stands above any other early by 60 bushels, or late by 12 bushels per acre of marketable potatoes with a small percentage of small ones.

The number before the name denotes the comparative quality as graded at the O. Ex. Sta.; 10 indicating the best. The date is the time of ripening, the other figures denote the number of bushels per acre.

	Large.	Small.	Total.	
9 Lee's Favorite.....	423	48	471	July 27
8 Clark's No. 1.....	363	94	457	" 30
8 Pearl of Savoy.....	353.9	32.9	386.8	" 30
9 1/2 Beauty of Hebron.....	287	62.4	349.4	" 25
8 Thornburn.....	335	47.5	382.5	" 27
6 Early Sunrise.....	370.3	27.2	397.5	" 27
10 Chas. Downing.....	319.4	55.7	375.1	" 25
9 Boston Market.....	239.4	90.8	330.2	" 27
8 Vanguard.....	195.1	81.7	276.8	" 23
10 Snowflake.....	218.8	95.3	314.1	" 31
5 Stray Beauty.....	330.1	20.4	350.5	" 20
8 Early Ohio.....	324.4	68.1	392.5	" 25
8 Mayflower.....	399.7	149.7	549.4	" 31
8 1/2 Vick's Ex-Early.....	90.8	95.3	186.1	" 27
7 1/2 White Elephant.....	190.6	63.4	254.1	Aug. 17
8 White Star.....	124.8	68.1	192.9	" 13
5 Dakota Red.....	358.4	76.8	435.2	" 27

Although this table shows Lee's Favorite to be a little later than some other kinds, in the time of the tops dying. It is of good marketable size, and of the most excellent table quality long before the tops are dead, and long before any other variety we have ever grown, and we have never grown a Snowflake its equal in quality. In fact, of the hundreds of varieties we have grown we have never found a potato of better quality. We therefore reaffirm what we have said for three years past: "It is extremely early, being a week or more earlier than Beauty of Hebron, and two weeks earlier than Early Rose. It is of the very best quality; the purest flavor of all; cooks as white as flour, either baked or boiled. It is the most productive early kind we have grown, and will produce a large crop on ordinary farm soil, with common cultivation. The tubers are uniformly large size, smooth and handsome, and never hollow; it is rather long and somewhat flattened in form. Very distinct in color, unlike any other, being of a light flesh color, shading to pink about the eyes, which are nearly even with the surface. Its form, size and color make it beautiful and attractive."

For two years past we have been unable to supply the demand, and, although we have a good stock now, we would advise early orders.

For Prices see Price List of Potatoes.

MARKET GARDENERS

Who need large quantities of Seed, will find it to their interest to send us a list of what they want for special prices before ordering elsewhere. IT WILL PAY YOU.

We could fill our whole catalogue with testimonials, but for want of space we can give only the following :

W. I. Chamberlain, Pres. of the Iowa Agricultural College, in the Rural New Yorker, says: "There were eighty-two leading varieties of early and late potatoes under trial the past season, $\frac{1}{8}$ acre of each." In the table showing comparative yield we find that Lee's Favorite yielded more than any other, except one, which showed the same yield.

Samuel Miller, of Missouri, known to all horticulturists, says: "I regard it (Lee's Favorite,) as the best early sort I have seen."

G. Cowing, of Muncie, Ind., a prominent horticulturist, says: "I have had Lee's Favorite two years, and certainly think it better than Early Ohio or Early Sunrise, or any other early kind."

Henry Avery, Burlington, Iowa, Market Gardener, says: "Lee's Favorite leads all the 20 selected early and late varieties I now have. A grocer who had sold one load of them to his customers, offered me 10 cents more per bushel over other kinds."

J. N. Manifee, Oregon, Mo., says: "The Lee's Favorite was a week or ten days ahead of all, including Early Ohio and Beauty of Hebron."

J. B. Hilton, Raysville, N. Y., says: "When I dug my Lee's Favorite, the Beauty of Hebron growing beside them were as green as a leek. I consider them two weeks or more the earliest."

S. B. Doty, Elmore, Vt., says: "Of the 20 kinds I raised, Lee's takes the lead in quality."

J. B. Rue, Council Bluffs, Iowa, says: "They are certainly the earliest potato ever grown. I prize them above anything I ever had."

The Rural New Yorker, in their report of the experiments with potatoes in 1884, says: "The yield of Lee's Favorite was at the rate of 635 bushels per acre; quality good and mealy, flesh white." The report shows that it averaged larger in size than any other early potato, and excelled all but one in productiveness, and that one was Nott's Victor.

18 CHOICE VARIETIES.

Selected from 45 kinds grown by us last season for the first time. All in this list are of unusual merit, each standing high in the scale of productiveness and quality. Most of them new. Stock limited to a few bushels, except Thorburn and Queen of the Roses. See price list for prices.

Princess. V. E. long oval, oval, skin light pink, considerably netted, eyes plenty, and mostly even with the surface; size medium to large, vines stocky, medium height, P. 9; G. 9; a new and beautiful variety of great excellence.

White Flower. M. long, oval, skin pure white, finely netted. Eyes numerous, few prominent, mostly very smooth, size large, vines large and stocky. P. 10; G. 9; remarkably handsome, flesh snow white, excellent every way.

Cream of the Field. M. long, a little crooked, round, skin pure white, finely netted, eyes numerous, rather small and smooth or slightly depressed; size large to very large, vines medium but stout. P. 10; G. 9; a smooth, handsome potato, one of the best.

White Seedling. L. very long with rounded ends, oval, skin pure white, little netted, eyes numerous and very smooth for so large tuber, enormous vines. P. 10; G. 8; a grand market potato, none more productive.

The Thorburn. E. oblong, oval, skin white with slight purple tint, eyes few and smooth, size medium to large, vines stocky, medium height. P. 8; G. 9; this is a pure seedling of Beauty of Hebron, and very similar to it but more productive.

Queen of the Roses. E. oblong to long, oval, skin light rose color, slightly netted, eyes not numerous, some prominent, mostly even; size medium to large, vines medium, healthy. P. 9; G. 9; one of the very best of the rose family.

Astonisher. L. a little longer than broad, quite square cut at the ends, round, oval, skin light red, coarsely netted, eyes few and depressed, deep at the seed end; size, uniformly large to very large, very few small, vines very large and strong. P. 10; G. 8; will be a profitable market sort.

Early Maine. E. long oval, round or oval, skin light red, finely netted; size medium to large, eyes plenty, slightly depressed, vines medium. P. 8; G. 9.

Sunlit Star. V. E., oblong to long, oval, skin light flesh color, with pink eyes, which are plenty, nearly even; size medium to large, vines rather short but strong. P. 9; G. 9; very fine and much resembles Lee's Favorite, although said to have been grown from a seed ball sent out from the "Seed House" at Washington.

Morning Star. M. long, round, skin white, some netted, eyes plenty and nearly smooth; size uniform and large, vines strong and vigorous. P. 9; G. 9; an excellent new variety, not subject to rot, a seedling of late Beauty of Hebron.

New York State. M. oblong to long, nearly round, skin white, some netted, eyes plenty and mostly smooth; size medium to large, vines large and stocky. P. 10; G. 9; flesh very white, fine grained, of great excellence.

Charter Oak. L. round or oblong, oval, skin white, thickly netted, eyes few, bright pink and slightly depressed; size medium to large, vines large and strong. P. 10; G. 9; a late keeper.

Banana. L. long, oval, skin white, slightly pink at seed end, little netted, eyes numerous, some depressed; size medium to large, vines large and strong. P. 10; G. 9; very promising.

Steuben Chief. M. irregular, oval, much flattened, skin light red, considerably netted, eyes not numerous, nearly smooth at stem end, sunken at seed end; size large to very large, very few small, vines large and stout. P. 9; G. 8.

Cambridge Prolific. M. long, oval, skin white thickly netted, eyes numerous and little depressed; size large to very large, vines very large and stout. P. 10; G. 8; a remarkably promising market sort.

Late Beauty of Hebron. E. long, regular, oval, skin slightly purple, and some netted, eyes plenty, large and mostly smooth; size medium to quite large, vines medium and stout. P. 9; G. 9; this has been called the same as White Elephant; the potato we have is not, it is more regular in form.

Tunix. M. elongated oval, considerably flattened, skin white, little netted, eyes few, slightly depressed; size medium to quite large, vines immense, too much for the "bugs." P. 10; G. 9; very handsome and excellent.

Rickers' Graft. M. long, oval, skin flesh color, with pink about the eyes and seed end, eyes plenty, mostly smooth; size medium to large, vines strong, vigorous. P. 10; G. 9; a most excellent variety.

A LONG DOZEN.

Medium and Late Varieties.

Which we have grown for two or more years, and have proved of superior excellence for table and market, all large yielders and mostly of fine quality. Of these varieties we have a large and superior stock of well grown tubers. For prices see price list.

Empire State. M. long, round or oval, skin pure white, eyes numerous, large, some prominent, others even or little depressed; size large, vines very strong. P. 10; G. 9; cooks white and dry, one of the best, combining productiveness and quality in a remarkable degree.

State of Maine. M. oblong, quite square cut at the ends, considerably flattened, skin very white, finely netted, eyes few and smooth; size large to very large, vines strong. P. 10; G. 9; no late variety better for home use or market.

Bonanza. M. oval or oblong, more or less flattened, skin light red, finely netted, eyes plenty, some prominent in clusters, others depressed, especially at the seed end; size medium to large. P. 9; G. 10; thus we consider the best table potato of any of the late varieties, and retains its quality till new potatoes come.

Weld's No. 14. M. oblong to long, nearly round, skin bright red, eyes numerous and slightly depressed; size medium to very large; vines large and stout. P. 10; G. 8; a very late keeper, excellent for spring market.

Rochester Favorite. M. long or oblong, nearly round, smallest at seed end; skin clear white, eyes numerous and even with the surface; size large, vines medium, stocky. P. 10; G. 8; a good keeper, one of the first-class market sorts.

Great Eastern. M. round or oval, somewhat flattened, skin white, thickly netted, eyes few and quite even with the surface; size large to very large, quite uniform, in size and shape, vines very large and stout. P. 10; G. 8; one of the most profitable for market.

Perfect Gem. M. nearly round, a little flattened, skin white, thickly netted, eyes few, smooth, size large to very large, vines strong. P. 10; G. 9; combines yield and quality.

Dictator. M. round or oblong, slightly flattened or oval, not uniform, skin white, some netted, eyes few, more or less depressed, size large to very large, vines strong and vigorous. P. 10; G. 8; a good market sort.

Weld's Jumbo. L. long, nearly round, skin very white, little netted, eyes numerous, some full, others little depressed, size large to very large, vines very large and stout. P. 10; G. 9; an excellent potato for market or table.

Green Mountain. M. oval to oblong, a little flattened, skin white, some netted, eyes numerous, some prominent in clusters, others even or depressed, size large to very large, vines very large and vigorous. P. 10; G. 9; this has shown the largest yield of any potato, having yielded at the Rural New Yorker trial grounds at the rate of 1391½ bushels per acre.

White Chief. M. oblong, nearly round, skin white, with a yellowish cast, finely netted, eyes few and smooth, size large, vines vigorous. P. 9; G. 9; this is a good keeper and handsome.

American Giant. L. very long, irregular, oval, skin white, eyes small and depressed; size very large, vines large and stout. P. 10; G. 8.

Vick's Prize. M. nearly round, flattened, skin white, thickly netted, eyes few, smooth, size large to very large, vines vigorous. P. 9; G. 9; a most excellent old sort.

EARLY VARIETIES.

Some of the best of the thoroughly tested kind.

Pearl of Savory. V. E., oblong, oval, skin light red, eyes plenty, mostly even with the surface; size medium, uniform, vines short, stout. P. 9; G. 9; a good one.

Early Harvest. V. E., oblong, oval, skin light red, eyes numerous and even with the surface, size medium, vines short. P. 9; G. 8.

Clark's No. 1. E. long, round, skin light red, eyes plenty and smooth, size medium to large, vines good. P. 9; G. 9; an excellent sort.

Early Sunrise. V. E., long, round, skin light red; eyes numerous, little depressed, size medium to large, vines medium. P. 8; G. 8.

Boston Market. V. E., oblong, round, skin light pink, eyes few, very smooth, size medium to large, vines medium. P. 8; G. 9.

Stauben's Beauty. E. long, round, skin flesh color, with purple tint about the eyes, eyes numerous, very smooth; size medium, vines short, stout. P. 8; G. 9; very handsome, excellent for baking.

Perfection. V. E., long, nearly round, skin rose color, eyes plenty, mostly smooth, size medium, vines short. P. 9; G. 9; one of the very best.

Winslow. Second E., oblong, round, skin rose color, eyes plenty, smooth; size medium to large, vines stout. P. 9; G. 9; a most excellent table potato.

Early Essex. E. long, oval, skin light red, eyes numerous and nearly smooth; size medium, P. 8; G. 9.

Vanguard. E. long, round or oval, skin flesh color at stem end, shading to red at the seed end, eyes numerous, some prominent, others even or depressed; size medium, vines medium. P. 7; G. 8.

Early Pearl. V. E., oblong, round or oval, skin light rose color, eyes few and smooth; size medium, vines medium. P. 8; G. 9.

Watson's Seedling. E. oblong, round or oval, skin light red, eyes few and mostly even with the surface; size medium, vines strong. P. 8; G. 9.

Howard. V. E., oblong, round, skin white, thickly netted, eyes few and smooth; size below medium, vines small. P. 7; G. 8.

A FEW FINE VARIETIES.

Our stock of which is limited to a few bushels of each, some of them new and very promising, others well tried and found good.

Gen. Logan. New, M. oblong, oval, skin of a purple tint, splashed with white, eyes plenty, mostly even with the surface; size large, vines very strong. P. 9; G. 9; flesh very white and fine grained.

New Champion. M. long, rather slim, round, skin white with pink shading about the eyes, which are numerous and slightly depressed; size large to very large. P. 10; G. 9, very handsome.

Corliss Matchless. M. long, round, skin light pink, eyes plenty, some in clusters prominent, others smooth; size medium to large, vines strong. P. 8; G. 9.

Cayuga. M. long, smallest at stem end, oval, skin white, eyes numerous, mostly smooth; size large, vines vigorous. P. 10; G. 9.

Garfield Burrows. M. oblong, oval, skin light red, eyes prominent, medium to large size, vines large, stout. P. 9; G. 9; of fine form and appearance.

Spaulding. M. oval, quite flat, skin white, finely netted, eyes very few and perfectly smooth, medium size, vines strong. P. 8; G. 9; a most excellent table potato.

Salt Lake Queen. M., quite long, nearly round, skin pure white, eyes numerous and mostly smooth; size medium to quite large, vines large. P., 9; G. 8.

Pride of the West. M. nearly round, little flattened, skin white, thickly netted, eyes few and nearly even with the surface; medium to large size, vines very large. P. 10; G. 8.

Rural Butter Cup. M. nearly round, slightly flattened or round, skin white, eyes few considerably depressed and pink; size medium to large, vines very strong. P. 9; G. 8.

Stanton. M. long, nearly round, skin light pink, darker at the seed end, eyes plenty, mostly even; size medium to large, vines large. P. 9; G. 9; a very handsome potato; flesh white and starchy.

Rubicund. M. round or oblong, some flattened, skin bright red, eyes few and even with the surface; medium to large, vines stocky. P. 8; G. 9.

Farina. L. long, slim, crooked, round, skin white, finely netted, eyes plenty and very smooth; size hardly medium, vines strong. P. 7; G. 10; excellent for baking, skin very tender.

"The seeds received to-day all O. K. I was really surprised at your prompt attention." "I am well pleased with the seed I got of you this spring. It is all growing nicely." P. J. HELLMIG, Mexico, Mo.

"Plants received in good condition. Am well pleased with them. Thanks for extras. The plants received from you this spring are doing finely." P. W. SNOKE, Claypool, Ind.

"The five varieties of Huckleberries I got of you last spring all lived except the Swamp. I think the Black made the best growth." SILAS G. GOSS, Lehigh, Iowa.

"Received seed to-day all O. K. Many thanks for sending so soon." W. A. TAYLOR, Tuscarawas, O.

"Box with Ancient Britton plants received in good condition. They are nice, am well pleased with them." C. F. WAGONER, Eagle Lake, Minn.

"Those were fine plants you sent me."

E. M. BUECHLY, Granville, O.

TO FIND The number of Plants or Trees required for one acre, divide 43,560 by the number of square feet occupied by each plant; if set 3 feet apart, and the rows 4 feet apart, equals 12 square feet. 43,560 divided by 12 equals 3,630 plants per acre.

PRICE LIST OF POTATOES.

	By Mail.		By Express or Freight.			
	1 lb.	3 lb.	1 lb.	1 pk.	1 bu.	1 bbl.
American Giant....	30	80	10	40	1 25	3 00
Adirondac.....	30	80	10	50	1 25	....
Astonisher.....	35	90	15	1 00	....	....
Baker's Imperial....	30	80	10	40	1 25	3 00
Banana.....	35	90	15	1 00	....	....
Bonanza.....	30	80	10	50	1 25	3 00
Boston Market.....	30	80	10	50	1 25	3 00
Cayuga.....	30	80	10	50	1 25	3 00
Cambridge Prolific.	35	90	15	75	....	....
Charter Oak.....	35	90	15	75	2 25	....
CHARLES DOWNING..	60	1 00	50	2 00	6 00	12 00
Champlain.....	30	80	10	40	1 25	....
Clark's No. 1.....	30	80	10	50	1 25	3 00
Collum's Superb....	30	80	10	50	1 25	....
Corliss Matchless..	30	80	10	50	1 25	3 00
CRANES' JUNE EAT'G.	00	3 00	85	....	....	....
CRANES' KEEPER....	1 00	3 00	85	....	....	....
Cream of the Field..	35	90	15	75	....	....
Dakota Red.....	30	80	10	50	1 25	....
Dictator.....	30	80	10	40	1 25	3 00
Duchess.....	30	80	10	50	1 25	....
Early Maine.....	30	80	10	50	1 25	....
Early Pearl.....	35	90	15	75	2 50	....
Early Essex.....	30	80	10	50	1 25	....
Early Electric.....	30	80	10	50	1 25	....
Early Harvest.....	30	80	10	50	1 25	....
Early Sunrise.....	30	80	10	40	1 25	3 00
El. Paso.....	30	80	10	50	....	....
Empire State.....	30	80	10	40	1 25	3 00
Farina.....	30	80	10	50	1 25	3 00
Great Eastern.....	30	80	10	40	1 25	3 00
Green Mountain....	40	1 00	20	1 50	5 00	....
Gen. Logan.....	35	90	15	75	2 50	....
Garfield, <i>Burrough's</i>	30	80	10	50	1 25	....
Garfield, <i>Landreth's</i>	30	80	10	50	1 25	....
Home Comfort.....	30	80	10	50	1 25	....
Howard.....	30	80	10	50	1 25	....
Iroquois.....	30	80	10	50	1 25	....
Jas. Vick.....	30	80	10	50	1 25	....
James G. Blaine....	35	90	15	75	2 50	....
Jones' Prize Taker..	30	80	10	50	1 25	3 00
Knapp's Snowbank..	30	80	10	50	1 25	....
Late Beauty of Hebron.	30	80	10	50	1 25	....
LEE'S FAVORITE....	30	80	10	50	1 25	4 00
Late Favorite.....	40	1 00	20	1 00	....	....
McFadden.....	35	90	15	75	2 50	....
MORNING STAR....	35	90	15	75	2 50	5 00
Mitchell's Seedling.	35	90	15	75	....	....
Mullaly.....	30	80	10	50	....	....
New York State....	40	1 00	20	1 00	....	....
New Champion.....	30	80	10	50	1 25	3 50
Norr's VICTOR.....	60	1 50	50	2 00	5 00	10 00
O. K. Mammoth....	30	80	10	50	1 25	....
Orange Co. White..	30	80	10	40	1 25	3 00
Pearl of Savoy.....	30	80	10	50	1 25	3 50
Perfection, <i>Finch's</i> .	40	1 00	20	1 00	3 00	....
Perfect Gem.....	30	80	10	40	1 25	3 00
Potentate.....	35	80	10	40	1 25	....
Princess.....	40	1 00	20	1 00	3 00	....
Parson's Prolific..	30	80	10	50	1 25	....
Pride of Lisbon....	30	80	10	50	1 25	....
Pride of the West..	30	80	10	50	1 25	....
Queen of the Roses.	30	80	10	50	1 25	....
Queen of the Valley.	30	80	10	40	1 25	3 50
Rochester Favorite.	30	80	10	40	1 25	....
Rural Blush.....	30	80	10	40	1 25	3 00
Rural Butter Cup..	35	90	15	75	2 50	....
Ricker's Graft.....	30	80	10	50	1 50	....
Rubicund.....	30	80	10	50	1 25	....
Salt Lake Queen...	30	80	10	50	1 25	3 50
Steuben Chief.....	35	90	15	75	2 00	....
Steuben's Beauty..	30	80	10	50	1 50	....
Spaulding.....	30	80	10	40	1 25	3 50
State of Maine....	30	80	10	40	1 25	3 00
Stanton.....	35	90	15	75	2 00	....
SUMMIT.....	60	1 50	45	1 50	4 00	9 00
Sunlit Star.....	40	1 00	20	1 75	....	....
SYLVAN.....	50	1 25	35	1 50	4 00	9 00
The Thorburn....	30	80	10	50	1 25	4 00
Tunix.....	35	90	15	75	2 00	....
Vick's Prize.....	30	80	10	40	1 25	3 00
Vanguard.....	30	80	10	50	1 25	....
Watson's Seedling.	30	80	10	50	1 25	....
Wells' Seedling...	30	80	10	50	1 25	....
Weld's Jumbo.....	30	80	10	50	1 25	3 50
Weld's No. 14.....	30	80	10	40	1 25	3 00
Weld's No. 22.....	30	80	10	50	1 25	....
Weld's No. 40.....	30	80	10	50	1 25	....
White Seedling... 35	90	15	1 00	....	....
White Flower..... 35	90	15	1 00	....	....
White Chief..... 30	80	10	40	1 25	3 00	
White Elephant... 30	80	10	40	1 25	3 00	
White Star..... 30	80	10	40	1 25	3 00	
Winslow..... 30	80	10	40	1 25	3 00	

THE FOLLOWING 15 VARIETIES,

Limited in supply, we offer by the lb and peck only. Price by mail, 1 lb., 30 cts; 4 lbs., (weight of wrapping included,) \$1. By express, 1 lb., 10c.; peck, 40c.

American Magnum Bonum. Brownell's Best. Bliss' Triumph. Champion of America. Cook's Superb. Mayflower. Mountain Rose Ontario. Prairie Farmer. Rosy Morn. Red Peach Blow Rose's Invincible. St. Patrick. Tremont. Vick's Extra Early.

THE FOLLOWING 21 VARIETIES

Are very limited in supply, and are mostly new kinds, some very choice. By the pound only; 1 lb.* by mail, 40 cts.; 3 lbs., \$1.00. By express or freight, 20 cts. per lb.

Alexander's Prolific. Brownell's 31. Brownell's 55. Big Benefit. Carter. Churchill's Seedling. Eno's Seedling. Crandall's Beauty. Junkis. Lake Ontario. Portage. Newton's Seedling Nevada White. Paragon. Pride of Palestine. Putnam. Pokeepsie White. Rand's No. 42. Rhode Island. Seneca Red Jacket. White Beauty of Hebron.

PYRETHRUM ROSEUM.

Persian Insect Powder Plant.

Price 20 cents per packet. A hardy perennial, of easy culture, yielding a large quantity of flowers which somewhat resemble Ox Eye Daisy, except in color, this being rose color. The flowers are gathered when in full bloom, and dried, and when finely powdered they make the *Genuine Persian Insect Powder*, which is sold from 60 to 75 cents per pound, and often much adulterated. Any one by growing their own can, at a trifling expense, keep their house free from Flies, Ants, Roaches, Fleas and Bedbugs. Dogs, Cats, Horses, Cattle and Poultry can quickly be relieved of Fleas or Lice. It will also destroy the worms that infest the currant and gooseberry. In fact, all insect life is destroyed when brought in contact with the fine powder, at the same time it is not poison-

ous to animals or the human family. A solution, made by steeping the flowers in water, will be found useful to persons camping out, or hunting, in fact, in any situation exposed to Mosquitoes or Vermin of any kind; by applying the wash to parts exposed their attacks will be prevented; and a strong solution will be found to be a good way to apply it to animals to destroy Fleas and Lice, and it will in a great measure prevent flies and bots from tormenting horses. It is a beautiful, showy flower, as well as the most valuable insecticide.

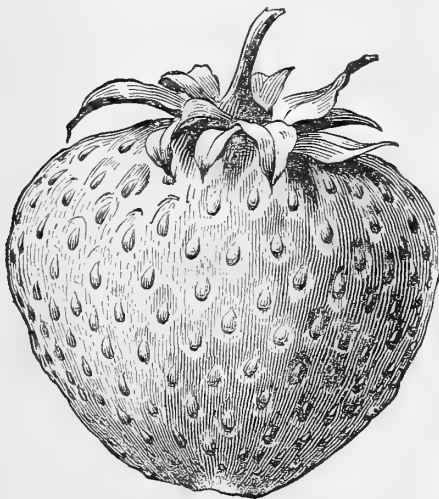
RHUBARB. Pie Plant.

Myatt's Linnæus. The very best, medium size, superior flavor, remarkably tender, needs no peeling or paring; the whole will cook tender, and be less stringy than any other variety, after being pared. Good sets, each 10c., 75c. per doz., \$4 per 100.

SPECIAL QUOTATIONS WILL BE GIVEN ON APPLICATION, ON CORN, PEAS AND BEANS BY THE BUSHEL.

THE STRAWBERRY.

The first fruit of the season, so healthful, delicious, and refreshing, and so easy of culture, that no one should think of passing a single day, during its fruiting season, without a plentiful supply upon their table. The past season was very favorable for the growth of the Strawberry, and, with good cultivation, we grew the best stock of plants we ever had, and at the prices given in the list, they will be put up and shipped in a manner that will delight the purchasers, and will be found cheap. Although the price per 1,000 may be a little higher than that of some who take no pains in handling or packing, we are glad to be able to offer some new varieties that are of very superior excellence. Try at least a few. \$2 invested in a dozen will produce what will be worth next fall from 15 to 25 dollars.



JESSIE.

This is an age of progress! It has come at last!! What? The grandest Strawberry ever produced. It comes to us with a record unparalleled in point of perfection in growth, vigor and health of plant. Enormous size, and beautiful color of fruit, excellence in quality, both for table and shipping, and great productiveness. Although now first offered for sale it has a national reputation. It has fruited near us for two seasons, and we have heard much of it, and have been corresponding with the originator, and waiting anxiously for the time to come when we could offer it to our friends. The following testimony ought to convince every one that the **JESSIE** is of superior merit, and that they ought to plant it all they can afford to buy. If it does not make them as enthusiastic over it as we are.

From the report of the Amer Hort'l Society. Mr. Smith, Pres Wis. Hort'l Society, says: "Regarding the **Jessie**, Mr. London's seedling, the Wis. Hort Society visited it on the grounds of the originator last season, and were very enthusiastic in its praise. The berries lay upon the ground in heaps; they were fair in shape, of good color, averaging very large, one measured 9 inches, quarts would measure six to seven; (the cut represents one only 7 inches,) flavor very fine.

After this visit the society, without a dissenting voice, adopted the following:

"Resolved, That the show of the "**Jessie**," upon Mr. F. W. Lowdon's grounds, exceeds anything we have ever seen, in *size, productiveness and quality*, and we believe it *possesses more valuable qualities* than any variety now disseminated."

A committee appointed to make further report, after several visits, made the following report, June 28th:

"After seven weeks of severe drouth we find the **Jessie** well loaded with fine large berries, some measuring four inches at the last picking, remarkably firm and of excellent quality, and judging from the amount of fruit on the matted rows, we think a good picker could fill a quart box in one and one-half minutes, anywhere on the two acres, of **Jessies** as growing for mar-

ket. "The committee picked and shipped some of the **Jessies** at this date, some being over ripe, to Iowa, 602 miles distant, where it arrived in forty hours after in fine condition.

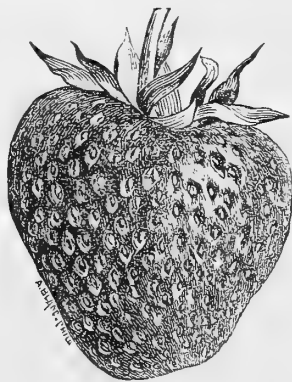
Mr. Lowdon writes: "In spite of the severe drouth, the **Jessie** yielded over 200 bushels per acre."

A correspondent of the Wis. Farmer says: "Although we are told that perfection cannot be attained in this world, the **Jessie** strawberry has upset such theories. In short the coming berry has come, and far exceeds the expectations of the most sanguine. The **Jessie** is of a deep red color, attractive in form, a jumbo in size; (I picked specimens that measured $9\frac{1}{2}$ inches;) in flavor it is a delicious pine apple; it is firm without being hard, this rendering it a desirable berry for shipment or table."

Mr. Crawford, of Ohio, a well-known, conservative horticulturist, says: "I have fruited the **Jessie** in my home garden twice, and can find no weak place in it. This is more than I can say of any other sent me for trial. The plant is perfection itself, being strong, stocky, vigorous, free from rust and wonderfully productive. It has perfect blossom. The fruit is very large, of regular form, with rare exceptions, and among the very best in quality. I seldom advise any one about varieties, but make an exception in this case, for those who fail to plant it will regret their course, as no other yet in the market has so many good qualities."

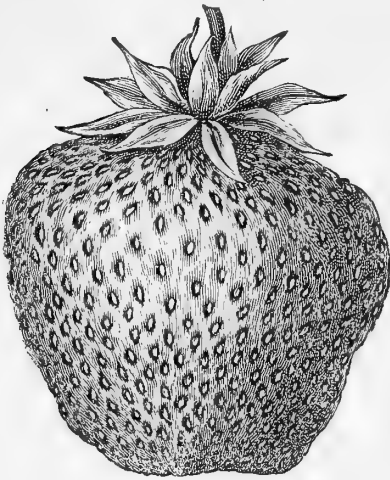
Prof. W. J. Green, O. Ex. Sta., Columbus, O., says: "The **Jessie** has fruited one season on the experiment grounds. The plants are healthy and vigorous, while the fruit is large and handsome, being regular, uniform and of good color, I think it will take a high rank for market purposes."

Can you now do without the "**Jessie**." If not we shall be pleased to supply you at the following prices: 3 plants, 50c.; 6 plants, \$1.00; 12 plants, \$2.00; 50 plants, \$6.00; 100 plants, \$12.00.



MAY KING.

First introduced in 1885. We fruited a few plants last season and thus describe it: A seedling of the **Crescent**, blossom perfect, very early, nothing exceeds it in vigor of growth or health of plant, and is unusually productive, berries large size, bright scarlet color, and of very excellent quality. Our faith in this induced to plant largely of it, and we have a large lot of strong plants. The plants we set came from the originator.



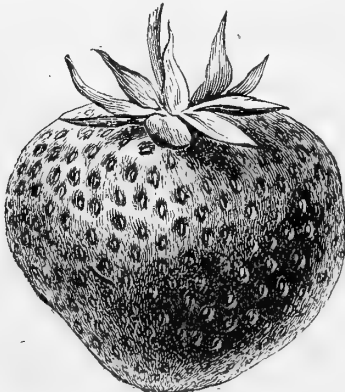
JEWELL.

First introduced in 1886. Our plants set last spring made a fine growth, and certainly promises all that has been claimed for it in health and vigor of plant. We had some very fine fruit on spring set plants, enough to know that the quality is good and of a fine size. "Flower pistillate, season medium, enormously productive, berry very large, solid and firm, beautiful bright red color, changing to crimson when very ripe, very fine flavor, has produced at the rate of 463 bushels per acre

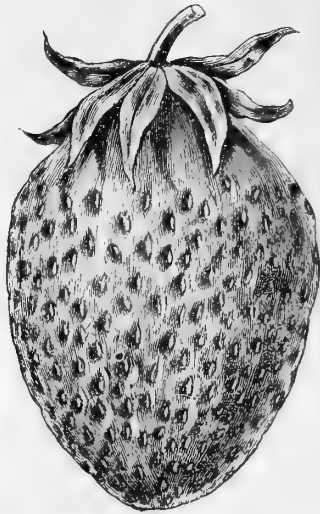
Hon. M. P. Wilder, Pres. Amr. Pom. Society, says: "The large size, good form, bright color, remarkable solidity and productiveness will make it a permanent variety for years to come."

Hon. Parker Earle, Pres. Nat. Hort. Society, says: "The 'Jewell' plant is vigorous and exceptionally healthy. It has fruited well, the berries are large, of good form and of brilliant color. I consider it one of the most promising sorts I have ever handled."

SILVER MEDAL from Mass. Hort. Society, June 25, 1885, for Best Seedling Strawberry produced in five years.



Parry. First introduced in 1885. We have grown it two years and fruited a few plants last season; blossom perfect, quite early, foliage large, dark green, plant vigorous, berries quite uniform, large size, bright glossy scarlet, very handsome, and of very fine quality; ripens all over at once, and quite firm. This has nearly always received the highest award at a large number of strawberry shows, and so far as we can learn is doing well everywhere. We have a fine stock of plants.



BELMONT.

First introduced in 1886. Plants set last spring made remarkably good growth. The plant is healthy in every particular and of a robust habit, the fruit very fine for spring set plants. "Blossom perfect, season late, oblong in shape, very solid and sweet, of extra flavor and quality. It colors all over evenly and is an extra good keeper and shipper." As it blooms late it is not so liable to be injured by late frosts, as Sharpless and others.

The Mass. Hort. Society in 1883 awarded Hon. M. P. Wilder special prize of \$10 to the *Belmont* for the best four quarts of the variety of the *best form, color and quality*. Again in 1886, First Prize of a silver cup for four quarts of the best berries. Also First Prize of \$12 for largest number of points of excellence over any other berry.

This speaks volumes in its favor, and so far as we can learn it has done well everywhere.

Summit. *Crawford's No. 6.* Another new strawberry, not offered for sale till last fall, has been fruited five years and exhibited at six strawberry shows, always receiving the highest honors; last season a prize of \$10 for the heaviest ten berries of good form.

"The plant resembles the Cumberland, being very large and stocky; a luxuriant grower, sending out many runners and bearing an abundance of fruit. Blossom pistillate. Fruit very large, form roundish, sometimes slightly irregular, but never cock-combed or misshapen. Color bright red, the flesh firmer than the average of large berries, of good flavor, and ripens all over at once."

The Summit has been tested in many places in the United States and Canada, and it is spoken well of by all who have tried it. We have seen the fruit and eaten of it, and from all we know of it, we must say that it is a very superior strawberry, and are glad to aid in its dissemination.

"This I consider superior to all of the kinds thus far tried. The plant is remarkably healthy, a rampart grower, making runners at a wonderful rate, size extra large, color good, is firm, good form, *very productive*."

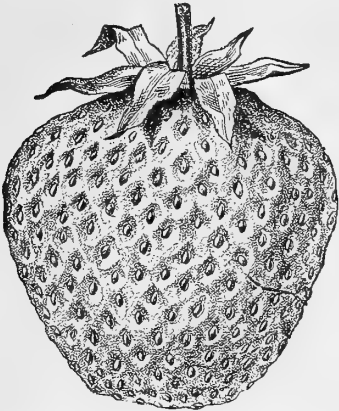
F. C. MILLER, New Philadelphia, O.

"Crawford's No. 6 is the largest, heaviest and best berry on my grounds."

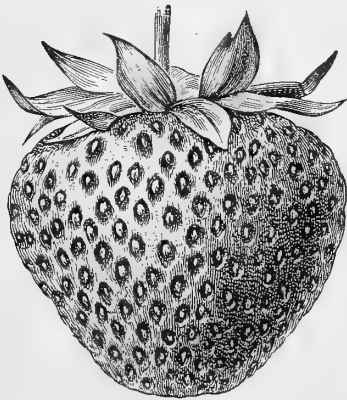
JOHN LITTLE, Granton, Ontario.

"In no other strawberry have I seen such large size, firmness, beauty, and high quality combined, or plants of such vigorous growth or bearing such a profusion of fruit." JOHN T. LOVETT, Little Silver, N. J.

As the whole stock that is for sale of this is but a few minutes ride from us, we can send fresh dug plants, and purchasers will readily see the advantage of giving us their orders for Summit. Price, 50c. for 3, \$1 for 6, \$2 per doz., \$10 per 100.

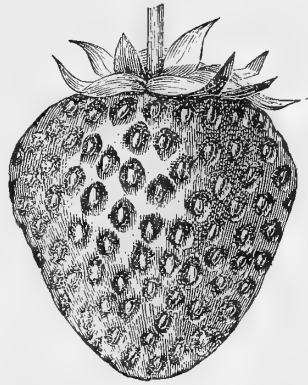
**BUBACH'S NO. 5.**

Another first introduced in 1886, from Ill. We set a very few plants last spring, which have produced a very fine lot of strong plants, very dark green in color and perfectly healthy. "The fruit is of uniform large size, of excellent quality, fine form and color, ripening all over at once, nearly as early as Crescent and continue a long time in bearing and fully as productive." The originator says, "The season of 1886 has more than confirmed our previous good opinion of the No. 5 in every valuable point, especially in size, quality and capacity to endure drouth. One picker picked 72 qts. in two hours, another 8 qts. in ten minutes." Others who have seen the fruit say: "It exceeds all others in taking into account size, productiveness and quality." "Its equal has not been produced on this continent." "The most wonderful berry we have seen."

**ONTARIO.**

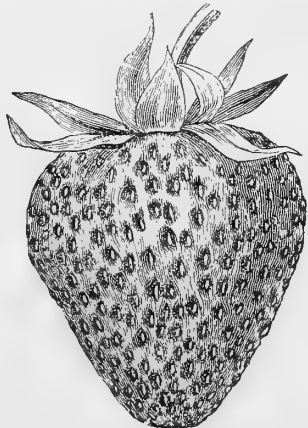
Introduced in 1886. We are much pleased with the growth and appearance of the plants we set last spring. The foliage is perfectly healthy, plants stocky and vigorous, not fruited at sunside. "Season medium early, perfect blossom, fruit very large, superior in quality and flavor and very productive." We think this is a good one and shall plant all we have left after spring sales.

Bancroft. We have had this growing two years and fruited it last season, and we describe it: Blossom pistilate, season medium, fruit nearly round, uniformly above medium size, bright scarlet color, handsome and attractive, of good quality, very firm, a remarkably strong and vigorous grower and among the most productive. In many respects it resembles the old Green Prolific, but it is larger and better color, a profitable market berry.

**PHELPS.**

By some improperly called *Old Iron Clad*. We have no stronger grower, produces enormous stools, foliage very large and healthy, of a light green color. The fruit is from large to very large, very firm, bright scarlet, of fine quality, and ripens *very early*. The roots are very long, which enables it to stand the *winter's cold* and *summer's drought*. This as a market berry is superior to any we have ever grown in quantity, equaling the Crescent in productiveness; much larger, firmer and better quality. The first berries we have picked for market for three seasons past have been Phelps. In 1885 we sold the first picking from four square rods of ground for \$10, equal to \$400 per acre at one picking. No other variety has ripened as early except the Gipsy. We plant more of this than any other kind; and feel that we cannot too highly recommend it, especially on rather heavy soils.

Scarlet Queen. A new variety that we think much of for home use. Fruit peculiar in form, being very long and slim, two inches in length by three-fourths to an inch broad in the middle and considerably flattened; bright scarlet color and of the richest flavor, combined with beautiful appearance. A remarkably thrifty grower and but very few as productive. One of the very best amateur varieties.

**GIPSY.**

Blossom imperfect. Plant the Phelps near to fertilize it. The very earliest strawberry we have ever grown, fruit of elegant elongated form, medium to quite large size, (according to the soil,) bright, beautiful crimson color, of the *very best flavor*, none better, quite firm. It is not only the best very early amateur berry, but good for market.

Mammoth. A new variety from New Jersey, which is claimed not only to be the largest berry ever grown to possess all other requisite qualities in a remarkable degree. The introducer says: "The fruit averages about as large again as the sharpest berries of better shape, and in every way superior. Good, healthy, strong plants; clear of rust or blight, berries deep, rich red, ripening all over at once; quality unsurpassed."

This berry was awarded the highest prize at the Moorstown Strawberry Show, June 9th, 1886, all leading varieties in competition. Four quarts were shown. Eleven berries completely filled one, twelve the second, thirteen the third and fourteen the fourth. We have been watching this for some time, and from what we have learned of it, we are glad of the opportunity of being among the first to offer it to the public. As it certainly is one of the many new varieties that seem to possess unusual merit. Price: 3 plants, 50c.; 6 plants, \$1.00; 12 plants, \$2.00; 50 plants, \$5.00; 100 plants, \$10.00.

Ray's Prolific. Blossom imperfect. One of the earliest to begin to ripen and continues a long time in bearing. Fruit bright crimson color, of large size and excellent quality; a very strong grower, foliage large and free from blight.

Henderson. A very vigorous grower, plants very large, of most excellent flavor; with high cultivation it is productive and fruit very large.

Crescent still holds its own as the most popular of the older varieties, on account of its fine color and great productiveness. It will stand slowly or no cultivation better than any other sort and produce something of a crop.

Old Standard Varieties, that are succeeding best, are sharpless, Cumberland Triumph, Windsor Chief, Longfellow, Warren, Pioneers, Kentucky, Glendale, Finch, Jersey Queen, Atlantic.

Emma. Very late, conical and regular in form, large and better in quality than Glendale or Kentucky, light color when grown in the shade, rather soft, and one of the best kinds for home use or near market.

Primo. Season late, plant vigorous, healthy, and productive, fruit medium to large, bright scarlet color, with the odor and delicious flavor of the wild strawberry; worthy of a place in every garden.

Mrs. Garfield. A seedling of the Crescent, with perfect blossom, fruit large, bright red, and of very excellent quality, ripens early.

Russell's Advance. One of the earliest, large size, nearly round, bright red color, very productive, plants vigorous, quality among the best, a profitable very early berry. It will not disappoint any one who plants it.

Piper's Seedling. One of the strongest growers, with very long, strong roots, and will endure more freezing and thawing than most kinds, fruit quite large, dark crimson, good flavor, flesh very dark and firm, a good market berry, and a good one to plant with pistillate varieties.

Mixed Plants. The plants running into the space between the blocks of different varieties, are more or less mixed, so we never dig them to sell except for mixed plants. These have given the very best satisfaction to those who have used them; many say they are more productive, and there is good reason for it. These plants will be of the most popular varieties, worth from \$3 to \$6 per 1,000, and each lot will contain several varieties. Price, 50 cts. per 100; \$3.50 per 1,000.

Connecticut Queen. A remarkably strong grower, foliage good, blossom perfect, fruit large, fine form, high quality, very productive, very late in ripening. A good amateur berry, but its color being pale, neither red or white, unfits it for a market berry, yet it is good to eat.

PRICE LIST OF STRAWBERRY PLANTS.

The prices here given are for plants to go by *express*, charges to be paid by purchaser.

According to the custom, 6, 50, and 500 plants will be put in at half the price of 1 doz., hundred, and thousand respectively. And when the price is \$2.00 or more per dozen, three plants will be put in at one-fourth the dozen price.

Postage.—Add 5 cents per dozen, 15 cents for 50, 30 cents per 100, if ordered sent by mail, or express, prepaid. This is less than the actual cost of postage.

Those varieties marked (P) are Pistillate, and require some Bisexual (B) variety planted (not with, but) near them.

Strawberry roots nicely straightened out and tied in bundles of 50.

NO CHARGE FOR PACKING OF DELIVERING TO FORWARDER: yet boxes, bales, barrels and moss are worth money.

	Pr Doz.	Pr 100.	Pr 1000
Atlantic (B) late, excellent.....	20	50	3 00
Bidwell (B) good, large, productive.	20	50	3 00
BANCROFT (P) new, see des. p. 23...	30	75	5 00
BUBACH'S No. 5 (B) new, see des. p. 23...	00	5 00	.....
BELMONT (B) new, see des. p. 22...	00	5 00	40 00
Cetewayo (P) large, fine quality....	30	75	.....
Conn. Queen (B) new, see des. p. 24...	25	50	.....
Cornelia (B) late, a good one.....	25	50	.....
Crescent (P) very productive.....	20	40	3 00
Cumb'd Triumph (B) large, good....	20	50	3 00
Daisy (B) large, excellent quality....	20	50	.....
Daniel Boone (P) very large, good....	25	60	.....
Emma (B) see des. p. 24.....	20	50	3 50
Finch's Prolific (B) large, prolific....	20	50	3 00
Glendale (B) late, one of the best....	20	50	3 00
Garretson (P) very large and firm....	25	75	.....
Grand Duke (P) fine flavor, prolific...	30	1 00	.....
GIPSY (P) very early, see des. p. 23...	30	75	4 00
Hart's Minn. (B) dark red, fine flav.	25	50	.....
Henderson (H) new, see des. p. 24...	40	1 00	.....
JESSIE (B) new, see des. p. 21.....	20	12 00	100 00
JEWELL (P) new, see des. p. 22.....	00	5 00	40 00
Jersey Queen (P) very large, late....	25	60	4 00
Jumbo (P) very large, light color....	25	50	4 00
Kentucky (B) late, good every way...	20	40	3 00
Longfellow (B) large, one of the best,	30	60	4 00
Manchester (P) blights badly here...	25	50	3 00

	Pr Doz.	Pr 100.	Pr 1000
MAMMOTH, (B) new, des. p. 24.....	20	10 00	80 00
MAY KING, (B) new, des. p. 21....	25	50	3 00
Miner's Great Prolific (B) good.....	25	50	3 00
Michigan (B) large, fine quality....	25	60	4 00
Mixed Plants, see des. p. 24.....	..	50	3 50
Mt. Vernon (B) late, large, prolific...	25	50	3 00
Mrs. Garfield (B) see des. p. 24....	25	50	3 50
ONTARIO (B) new, see des. p. 23....	75	3 00	25 00
Oceana Chief (Shirt's)(B) large, good,	24	60	.....
PARRY (B) new, see des. p. 22.....	25	50	3 50
PHELPS (B) also improperly called Old Iron Clad, see des. p. 23....	20	50	3 00
Pioneer (B) early, large, excellent...	25	75	.....
Piper's Seedling (B) see des. p. 24...	20	50	3 00
Primo (B) see des. p. 24.....	25	50	3 00
Prince of Berries (B) fine flavor....	40	75	.....
Ray's Prolific (P) see des. p. 24....	25	60	4 00
Russell's Advance, (B) see des. p. 24...	30	75	5 00
SCARLET QUEEN (B) new, des. p. 23	50	2 50	.....
Sharpless (B) very large, excellent...	25	50	3 00
SUMMIT (B) new, see des. p. 22.....	00	10 00	.....
Warren (B) early, large, fine quality,	25	60	4 00
Wilson (B) not up to the times....	20	50	3 00
Windsor Chief (P) good old variety,	25	50	3 00
Wonderful (B) large, very prolific...	40	75	5 00
Woodruff's No. 1 (B) good, prolific,	25	50	4 00
Woodruff's No. 2 (P) large, excel't,	25	50	4 00

TEN PER CENT. DISCOUNT

On all Orders amounting to \$20 and over, and FIVE PER CENT. Discount on all Orders from \$10 to \$20, for all varieties of Stock (except Potatoes by the barrel,) billed at regular list prices. **Strictly Cash with the Order.**

THE RASPBERRY.

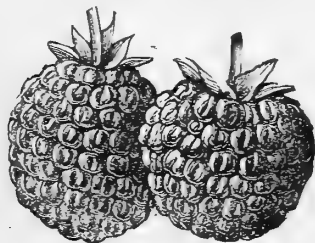
The recent introduction of many hardy varieties of *Raspberries*, of good quality, has produced a greatly increased interest in this fruit.

The early varieties begin to ripen as the Strawberry is just going out, and the later varieties carry the time up to the ripening of the Blackberry. By planting several varieties there need be no day that the table cannot be supplied with delicious fruit. There is no fruit so desirable for canning as the Raspberry, as it retains its flavor to a greater degree than any other, and no fruit garden is complete without several varieties of this delicious fruit.

EARHART.

This new variety will produce ripe fruit from June until frost comes in the fall. The plant is a strong, vigorous grower, as hardy as Souhegan or Tyler, having never been injured in the severest winters. The first crop of fruit, which is fully equal to that of any other variety, is grown on the canes of the previous year's growth, and ripens about the time of the Doolittle, but larger, jet black, and of very superior quality. The new canes begin to bloom when from two to three feet high, and ripen their first fruit about the time the first crop is gone, and these new canes will continue to bloom and ripen fruit until frost puts a stop to it. The main part of the second crop will come between the first of August to the middle of September. However, ripe fruit can be found all the time from the first till the last. The fruit on the new canes is about double that of the first crop, the whole season's product being equal to three full crops of other varieties in one season. Plants set out in early spring, if they get a good start, will produce quite a crop of fruit in September and October the same year they are set out. This possesses so many valuable characteristics, it is one of the most desirable and should find a place in every fruit garden. A few plants were sold (by the dozen only) in the spring of 1886, and it has been fruited in twenty states with the most gratifying results. Those who have fruited it and have seen it fruiting say: "It's a perfect wonder." "It is the most valuable Black Cap known." "Good size, of a flavor seldom equalled and never excelled." "Far ahead of anything in productiveness and quality." "Jet black, as large as any we ever saw, juicy, and almost as sweet as the Turner." Hundreds of testimonials could be added which our space will not allow. We say plant it, and feel assured it will not disappoint the planter.

Price, each 30 cts.; $\frac{1}{4}$ doz. 80 cts.; doz. \$3.00; per 100 \$20.00.



MARLBORO.

We have fruited this two seasons. We find it very early to commence ripening and continues a long time in bearing. A desirable quality for home use. Fruit of the very largest size, of a bright scarlet color, excellent flavor, firm, a good shipper, canes very large and strong, foliage dark green, perfectly hardy and none more productive, costs less to pick than any other red variety. In fact, we place it among the very best in every way.

Rancocas. Fruited with us last season. It is one of the earliest, ripening all its fruit in a short time, large size, beautiful scarlet color, very superior quality, canes of medium size perfectly hardy, healthy, and very productive. One of the very best of late introduction; much better than Hansel in every respect.

Golden Queen. New. Supposed to be a seedling of the Cuthbert, not fruited here yet. It is described as being "medium in season, larger, firmer and more productive than Cuthbert, as hardy as Turner, and of as high quality as Brinkle's Orange, and beautiful beyond comparison, being of a rich, bright, creamy yellow."

A hardy and productive raspberry of as good quality as Brinkle's Orange, (which is the acme of excellence,) is of inestimable value.

Nemaha. Originated with Hon. Robert W. Furnas, ex-Gov. of Nebraska, who says: "It has proved hardier and more productive than Gregg, fruit very much like it in all respects, averaging full as large and even later in ripening." It is a good vigorous grower, and seems to be well liked where it has been fruited.

Springfield. A new, thornless black cap, very early fruit large size, of fine quality, canes fairly vigorous in growth, perfectly hardy, free from thorns, and productive, foliage is peculiar, being considerably curled, showing a portion of the under side of the leaves which are of a silvery color, the top of the leaf is of a bluish green, a striking contrast with other varieties.

Hilborn. New. From Canada. "Only a little behind Souhegan in ripening; fruit jet black, large as Gregg and better flavor, a strong grower, perfectly hardy, few thorns, and very productive." From what we can learn of it we think it a promising variety.

Shaffer. The canes and fruit are colossal, color dark purplish red, flavor sprightly sub-acid, season medium till late, no variety more productive, and is especially valuable for canning.

Cuthbert. A strong grower, hardy, productive, fruit large, bright red, firm, fine quality, season medium till very late, good for market or home use.

Souhegan. Very early, perfectly hardy, growth vigorous, and productive, color jet black, without bloom, fine quality, valuable for market.

Tyler. Ripens with Souhegan, and we think a little stronger grower, rather more productive, perfectly hardy, a good one.

Gregg. A very profitable market berry if planted on suitable soil. If your soil is high and dry, with sand or gravel, then plant it for late market, but don't fool away your time if your soil is clay or wet. Fruit very large and firm.

Crimson Beauty. A strong, healthy grower, fruit large, bright glossy crimson, excellent quality, ripens very early.

Caroline. The best hardy yellow raspberry we have ever grown. A seedling of *Brinkle's Orange*, and nearly equals it in quality, a strong grower, very productive, too good and soft to carry to market, medium to large size, light yellow or buff color, melting and luscious. This should be found in every garden for home use.

Beebe's Golden. New. A remarkably strong grower, canes large, and perfectly hardy, wonderfully productive, fruit firm, pale yellow or buff.

Reliance. One of the very best red varieties, with large strong canes, and healthy foliage, perfectly hardy, fruit large, rich red color, firm, rather acid, but of a very delicious flavor, very productive, profitable for market, and good enough to eat at home. This makes the best canned raspberries we have ever tried.

Delaware. A fine berry for home use. Too soft for market, large size, bright red color, and one of the best in flavor.

Turner. (*Southern Thornless*). Probably the hardest of the red varieties, good for the far north, large size, moderately firm, bright red, early, fine quality, very productive, and a strong, vigorous grower.

Winant. A profitable market berry, canes stout, and perfectly hardy, good quality, ripens early, fruit medium size, bright red, very firm and attractive.

Thwack. Very productive and profitable, entirely hardy, fruit firm, will ship any distance, good quality and size, bright red, handsome.

Superb. A strong grower, hardy and productive, ripens early, fruit very large, rather dark bright red, and of excellent quality; a good one for home use.

Ohio. A strong grower, very productive, entirely hardy unlike Gregg, it is adapted to all soils; fruit large size, firm, good shipper, and especially valuable for drying.

PRICE LIST OF RASPBERRIES.

The prices given in this list are to go by express or freight, charges paid by purchaser. If ordered sent by mail or express, prepaid, add 15 cents per dozen, actual cost of postage.

	Pr Doz.	Pr 100	Pr 1000		Pr Doz.	Pr 100	Pr 1000
Belle de Fontenay, new canes bear in the fall, very large	40	1 50	.....	Hopkins, black, fine flavor	50	1 50	.....
Beebe's Golden, see des. p. 25	40	1 50	.....	MARLBORO, see des. p. 25	50	1 50	10 00
Brandywine, true, red, early	25	75	6 00	NEMAHA, see des. p. 25	75	3 00	.....
CAROLINE, see des. p. 25	50	2 50	20 00	Ohio, see des. p. 25	40	1 00	9 00
Crimson Beauty, see des. p. 25	40	1 50	10 00	RANOCAS, see des. p. 25	75	4 00	35 00
Cuthbert, see des. p. 25	40	1 00	8 00	Reliance, see des. p. 25	40	1 00	.....
CARMAN, see des. p. 25	30	15 00	.....	SPRINGFIELD, see des. p. 25	100	5 00	.....
Delaware, see des. p. 25	40	1 50	10 00	Shaffer, see des. p. 25	50	2 00	15 00
Doolittle, the good old black	40	1 00	.....	Souhegan, see des. p. 25	40	1 00	8 00
EARHART, see des. p. 25	30	20 00	.....	Superb, see des. p. 25	50	1 50	.....
Gregg, see des. p. 25	40	1 25	8 00	Thwack, see des. p. 25	30	1 00	8 00
GOLDEN QUEEN, see des. p. 25	20	12 00	100 00	Turner, see des. p. 25	30	1 00	3 00
Hansel, red, very early	40	1 00	10 00	Tyler, see des. p. 25	40	1 00	8 00
HILBORN, see des. p. 25	1 00	5 00	.....	Winant, see des. p. 25	30	1 00	8 00

THE BLACKBERRY.

This is another indispensable fruit, as it fills up the interim between the Raspberry and Grape, and should be found in every fruit garden. Those who depend upon the fruit dealers for their supply can hardly conceive of the luscious flavor of a well ripened Blackberry picked and eaten direct from the bush.

Erie. A variety now being introduced which we have known something of for several years, having at different times picked and eaten the fruit from the original bushes standing where it first came up from the seed, in an old neglected vineyard but a few miles from us. It is without a doubt a seedling of the Lawton, having the same general appearance, in large growth of canes, size and form of fruit and great productiveness, differing, however, in beginning to ripen much earlier and the canes are hardy; although growing large and rank they have never been known to be injured by cold. The fruit when ripe is a shiny jet black, very sweet, melting and of a delicious flavor. The original stock was removed in the fall of 1884 and has since been growing in different parts of the country under cultivation, and we below give the opinions of it of some prominent horticulturists:

"It is larger, harder, better and more productive than Lawton or Kittatiny."

M. CRAWFORD, Ohio.

"Its extreme hardiness, vigor of growth, freedom from disease, great productiveness, early ripening, large size, firmness and excellent quality, will render it a very valuable market sort."

JOHN R. PARRY, N. J.

50c. each; \$5.00 per doz.; \$35 per 100.

Western Triumph. We have fruited this for several years and we consider it of about equal value with Stone's Hardy. It is nearly as hardy, and quite as hardy as Snyder and the fruit is much larger and better every way. This variety has elicited more praise from visitors to our grounds than any other blackberry. The productiveness is marvelous. The flavor of the fruit will suit more palates than any other in our collection. Although it is a little more acid than Stone's Hardy, it has a large percentage of sugar, making it very rich and delicious. Color very black and glossy. Commences to ripen quite early. We say plant it, as it will not disappoint you.

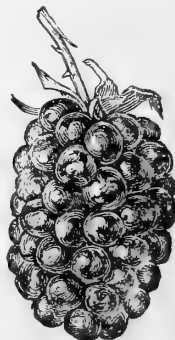
Taylor's Prolific is another variety of very excellent quality, considered by some the best; fruit medium to large size, is quite productive, but not quite equal to Western Triumph, ripens late. It is nearly hardy, canes were injured in the winter of 1880-1881, about the same as Snyder and Ancient Britton.

Ancient Britton. This we regard as of the very best quality. It has the refreshing flavor of the very best wild berries to a greater degree than any other, unless it is Hoosac Thornless. It is quite sweet, but sprightly and melting, color purplish black, ripens early, berries rather long, larger than Snyder, far superior in quality, fully as productive, and nearly, it not quite as hardy.

Hoosac Thornless. Perfectly hardy, fruit medium size, of the very best quality, sweet and melting, rich, no sour core, very productive on strong, rich soil, does not do as well on sandy or poor soil. The bearing

canes have no thorns. We think it is more productive when grown near some other variety like Western Triumph or Stone's Hardy, as the blossom does not seem to be perfect. This has been on our grounds twenty years, and has never failed to give us a crop of fruit that has no superior in quality.

Stone's Hardy. It is the hardest of all. "Iron Clad" never has been injured in the least here, and in Wisconsin it never has been materially injured, while the Snyder has been killed to the ground several times. It is far superior to Snyder in quality, size and productiveness. Fruit medium to quite large, very black, juicy, melting, the sweetest of all, excellent flavor, no hard core, season medium till late, canes rather short, but stout, branching, and dark red when matured. We have grown this since its first introduction, and everything considered, it is the very best of all varieties yet introduced. We hope the new varieties may prove better, if possible. We have a large stock of splendid plants.



Early Cluster. This, on our grounds the past season, has made a fair growth, canes medium height, well branched, 2 degrees below zero weather has not injured them in the least. On account of extreme earliness this will be valuable, if it proves to be sufficiently hardy. The fruit (which we have not seen yet,) is said to be "medium to large size, best quality, very sweet, no hard core, ripens whole crop in a few days, and very early, and wonderfully productive."

Missouri Mammoth. Very large and sweet, melting, no hard core, luscious, but only half hardy, one of the most productive kinds when not winter-killed.

DEWBERRIES.

Bartle's. Very large, early, fine quality, and productive, especially valuable in cold climates, as it can be easily protected by covering. It is hardy here.

Lucretia. The fruit ripens with the late raspberries and before any other blackberry. Very large, often 1½ inches long by one inch in diameter, soft, sweet and luscious, no hard core. The plant is perfectly hardy and healthy and wonderfully productive. Reports from hundreds of Horticulturists all over the country speak in the highest praise of the Lucretia. Large quantities of Spurious plants are being sold, those not as near related even as "Lucretia's Sisters." Our plants are guaranteed genuine, and grown by the original introducer.

PRICE LIST OF BLACKBERRY PLANTS.

PRICES given are to go by express or freight, charges paid by purchaser. If ordered sent by mail or express prepaid, add 15 cents per dozen, actual cost of postage.

	Each.	Pr Doz.	Pr 100.	Pr 1000
ANCIENT BRITTON, see des. p. 26.....	10	50	2 00	18 00
AGAWAM.....	10	50	1 50	.....
ERIE, new; see des. p. 26.....	50	5 00	35 00	.....
EARLY CLUSTER.....	10	40	2 00	.....
EARLY HARVEST, not hardy here, worthless for this latitude.....	10	50	1 50	.....
FREED, hardy, fruit small, good.....	10	50	.....	.....
HOOSAC THORNLESS, see des. p. 26.....	10	75	3 00	.....
KNOX, very large, late, good.....	10	75	.....	.....
LAWTON, not hardy, large.....	10	50	1 50	.....
MO. MAMMOTH, very large.....	10	50	2 00	.....
SNYDER, hardy, small, sour.....	10	50	1 25	.....
STONE'S HARDY, see des. p. 25.....	10	50	2 00	15 00
TAYLOR'S PROLIFIC, see des. p. 26.....	10	50	1 50	12 00
WALLACE, large, excellent.....	10	50	2 00	.....
WESTERN TRIUMPH, see des. p. 26.....	10	50	2 00	15 00
WILSON, JR., not hardy here, worthless for this latitude.....	10	75	6 00	.....
WACHUSETT THORNLESS.....	10	50	2 00	.....

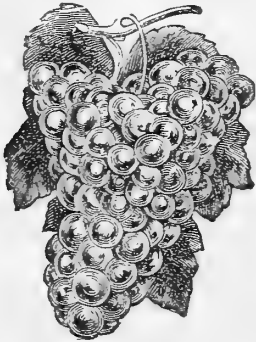
DEWBERRIES.

Bartles', see des. p. 26, 1 year tips.....	10	50	2 00	15 00
2 years.....	15	75	3 00	15 00
LUCRETIA, see des. p. 26.....	20	1 25	7 50	.....

THE GRAPE.

A fruit that no one should do without: it will give a larger return for the outlay and space they occupy than any other; can be grown by the side of buildings, fences, walks; many places can be found even in city lots where they can be grown without occupying but little room. Our space will not admit of more than a very brief description of a few of the new varieties.

Sulphate of Iron, or Salt, sprinkled freely about the vines, has prevented rot; two or three pounds to each vine in May, and again in July. Try it, and report to us.



NIAGARA.

This fine grape is a cross of Concord and Cassady, originated at Lockport, N. Y., vine hardy, very strong grower, bunches very large and compact, berries larger than Concord, nearly round, light greenish white, semi-transparent, slightly amber in the sun, never cracks or drops from the cluster, quality better than Concord; very little pulp, melting and sweet to the center, ripens early, but will hang on the vine till frost, without shriveling. We visited several vineyards last season where it was fruiting. We saw no variety more productive, in fact a few vines that were allowed to bear all they would, were a sight to behold. We ate freely of the fruit and like it much better than Concord. We guarantee the vines we sell to be genuine. Each will have the seal of the Niagara White Grape Co. attached.

Empire State. A new and valuable purely native grape, a seedling of the Hartford Prolific, crossed with the Clinton. It is described as being "earlier than Concord, ripening with Hartford and Moore's Early; vine of vigorous growth, hardy in winter,

foliage healthy, having shown no signs of mildew or rot, even when grown beside others badly affected." "Bunches large, from six to ten inches long, shouldered, berry medium to large, roundish oval, color white, with slight tinge of yellow, covered with a thick white bloom, flesh tender, juicy rich, sweet, and sprightly, without foxiness, even after ripening it hangs to the stem firmly a long time on the vine, and is a remarkably good keeper."

"The 'Empire State' is the nearest approach to 'the perfect grape' that I have yet found."

G. W. CAMPBELL.

Poughkeepsie Red. "A cross of Delaware and Iona, vine resembling Delaware in wood and foliage, but a much better grower, will succeed where the Delaware will not. Clusters average from size of Delaware to twice as large; and in excellence of fruit is the first one ever introduced in America that can be called perfect. By perfect we mean nothing objectionable in it to eat, in skin or flesh, much better in quality than Delaware." One of the very best table grapes.

Ulster Prolific. "A cross of the Catawba and wild grape. It has been pronounced by many Horticulturists, the 'best grape Caywood ever produced.' Persons visiting our grounds and tasting many varieties generally exclaim 'the Ulster is the best;' ripens from the first to middle of September, vine perfectly hardy, color red or coppery. It is the grape for the million, and will supplant the Concord."

Francis B. Hayes. "Bunch medium to large. Berry medium, globular, color greenish white, changing to a fine amber yellow when fully ripe, skin very firm, flesh tender, juicy, and of a delicate texture, with fine flavor and no foxiness, foliage thick, healthy, vine vigorous, hardy and productive, ripens 7 to 10 days before Concord."

Lady Washington. New. "color deep yellow, covered with thin white bloom, bunch large, double shouldered. Flesh soft, tender, sweet and good, ripens with the Concord, vine vigorous, hardy and productive." We fruited a vine of this last season, and we have never had any grapes of any name that we liked better.

Jessica. A new and *very early* white grape from Canada. "Is very sweet, free from all foxiness, with very little pulp, sprightly and aromatic, is perfectly hardy, has been bearing several years, and never failed to yield a heavy crop."

Moore's Early. One of the very best early black grapes; far better than Hartford or Talman, cluster medium size, berry very large, ripens nearly two weeks before Concord, and is of about the same quality, and vine equally as hardy. This should have a place in every fruit garden.

Early Victor. A very early black grape, vine hardy, productive, and of very much better quality than Hartford, Champion or Ives, and ripening as early as any, it certainly must supersede them. We fruited this last year; although small it is one of the most delicious.

Pocklington. New, a seedling of Concord, from Northern New York; is thoroughly hardy in wood and foliage, a strong grower like its parent, color light golden yellow covered with fine bloom, bunches very

large, sometimes shouldered, frequently weigh over half a pound each, berries round and very large, quality as good or better than the Concord, and ripens at the same time.

Jefferson. "A cross between Concord and Iona, vine a vigorous grower, rather short jointed, leaves large, thick, and downy, bunch large to very large, shouldered, berry medium large, roundish-oval, skin thick, light bright red, with a thin whitish bloom, flesh mealy, crisp, tender, juicy, sweet, slightly vinous, quality very good or best. It ripens with the Concord, and is a promising grape, both for home use or market."

Vergennes. "Very hardy, a vigorous grower, fruit ripens early, and keeps a long time, rich vinous flavor, free from pulp, light red color, covered with a beautiful bloom."

Duchess. New, color greenish white, skin thin, flesh tender, rich and delicious, bunch large, shouldered and compact, berries medium size, vine vigorous and healthy

PRICE LIST OF GRAPE VINES

Of the most popular old and new varieties. We can also supply any other variety desired, if ordered early, at regular prices. The prices given are to go by express; if desired sent by mail, add 5 cents each, 25 cents per half dozen, 40 cents per dozen. Two year vines are usually too large to go by mail. We will however, send by mail, prepaid, when desired, all vines purchased at the "each" rate the price of which is 50 cents or over.

	ONE YEAR.			TWO YEARS.		
	Each.	Per Doz.	Per 100.	Each.	Per Doz.	Per 100
Agawam (<i>Rodger's No. 15.</i>) red, medium, early.....	\$o 10	\$1 00	\$ 6 00	\$o 15	\$ 1 50	\$ 8 00
Brighton, red, early, juicy, sweet, excellent.....	15	1 25	10 00	25	2 00	15 00
Catawba, red, late, best quality.....	10	75	4 00	15	1 00	5 00
CENTENNIAL, <i>new</i> , light red, early, fine.....	50	4 50	35 00	65	7 00	.....
Clinton, black, small, rather late, hardy.....	10	50	4 00	15	1 00	5 00
Concord, black, large, hardy, good.....	8	50	3 00	12	75	4 00
Delaware, red, small, early, excellent.....	20	1 50	10 00	25	2 00	.....
DUCHESS, <i>new</i> , white, <i>see description</i>	20	1 50	10 00	25	2 00	.....
EARLY VICTOR, <i>new</i> , black, <i>see description</i>	20	1 50	12 00	30	2 50	15 00
El Dorado, <i>new</i> , early, white, highest flavor.....	35	3 50	.....	50	5 00	.....
EMPIRE STATE, <i>new</i> , white, <i>see description</i>	60	6 00	45 00	1 00	7 50	55 00
FRANCIS B. HAYES, <i>new</i> , white, <i>see description</i>	50	4 00	30 00	75	7 50	55 00
Hartford Prolific, black, early.....	10	75	.....	15	1 00	.....
Highland, <i>new</i> , black, late, very large.....	40	4 00	.....	50	5 00	.....
Ives, early, black, hardy, productive.....	10	50	3 00	15	75	4 00
JEFFERSON, <i>new</i> , white, <i>see description</i>	25	2 00	15 00	35	3 00	20 00
JESSICA, <i>new</i> , <i>see description</i>	50	4 00	35 00	75	7 00	.....
Lady, early, large, white, excellent.....	15	1 50	.....	25	2 00	.....
LADY WASHINGTON, <i>new</i> , <i>see description</i>	25	2 00	15 00	35	3 00	20 00
Martha, white, early, hardy, very fine.....	10	75	4 00	15	1 25	.....
MOORE'S, early, black, <i>see description</i>	25	2 25	15 00	35	3 50	.....
NIAGARA, <i>new</i> , <i>see description</i>	50	5 00	35 00	75	7 00	50 00
POCKLINGTON, <i>new</i> , <i>see description</i>	20	1 50	10 00	25	2 00	12 00
POUGHKEEPSIE RED, <i>new</i> , <i>see description</i>	75	7 50	.....	1 00	10 00	.....
Prentiss, <i>new</i> , white, late, excellent.....	20	2 00	15 00	25	3 00	20 00
Salem, red, large, early, good keeper, fine.....	15	1 00	5 00	20	1 25	8 00
ULSTER PROLIFIC, <i>new</i> , <i>see description</i>	75	7 50	60 00	1 50	15 00	.....
VERGENNES, red, <i>see description</i>	25	2 50	15 00	35	3 00	20 00
Wilder, (<i>Rodger's No. 4.</i>) black, large, sweet, rich.....	10	1 00	6 00	15	1 25	.....
WORDEN, black, early, better than Concord.....	15	1 50	9 00	20	2 00	.....
Wyoming Red, early, hardy, sweet.....	25	2 00	.....	35	3 00	.....
Woodruff's Red, <i>new</i> , early, very large.....	60	7 00	.....	1 00	10 00	.....

GOOSEBERRIES.

A fruit that should have a place in every garden; of easy culture, requires rich soil, and grows best in partial shade. Use *White Hellebore* to keep off the *Current Worm*, and a good sprinkling of common salt as a fertilizer and to wholly prevent mildew. The following varieties are not liable to mildew. If to go by mail, add 15 cts. per doz., one-year plants, for postage. Two-year plants are too large for mailing.

Houghton. An old reliable sort, pale red, medium size, very productive. 1 yr., doz. 50c.; 100 \$3. 2 yr., doz. 75c.; 100 \$4.

Mountain. Large, brownish red, fine flavor, very productive. 1 yr., each 10c.; doz. \$1; 100 \$6. 2 yr., each 15c.; doz. \$1.25; 100 \$8.

Downing. Large size, light green, juicy, excellent for home use or market, plant vigorous and productive. 1 yr., each 10c.; doz. \$1; 100 \$6, 2 yr., each 15c.; doz. \$1.25; 100 \$8.

Smith's. Large, oval, pale yellowish green, sweet excellent, exceedingly prolific. 1 yr., each 10c.; doz. \$1; 100 \$6. 2 yr., each 15c.; doz. \$1.25; 100 \$8.

Industry. A new foreign variety, fruited in this country several years, has shown no signs of mildew, fruit very large, double the size of Downing, dark red, rich flavor, vigorous grower and immensely productive. 1 yr., each 35c.; doz. \$3.25. 2 yr., each 50c.; doz. \$4.

Triumph. A new American variety, of very large size, and an enormous bearer, does not mildew. 1 yr., each \$1.

CURRENTS.

A fruit that is profitable for market, and healthful for home use; give it a good, rich soil, and a moist, cool place, and use *White Hellebore* freely to keep off the *currant worm*, and do not let weeds or grass grow among them, and they will amply reward you.

If to go by mail, add 15 cents per dozen for one year plants, for postage; two year plants are too large for mailing.

Price, unless otherwise noted. One year, each 8c.; doz. 50c.; 100 \$3. Two years, each 10c.; doz. 75c.; 100 \$4.

Cherry, very large, red, quite acid, one of the best for jelly.

Versailles. Stems long, large, red, very prolific, excellent quality.

Victoria. Very late, light red, a very valuable sort.

Red Dutch. The old reliable variety, early, sweet, prolific, best flavor of all.

White Grape. Early, very sweet, fine flavor, nice to mix with the red for the table.

Lee's Prolific. Black, very prolific, but the effluvia is so bad that chickens will not eat it.

Fay's Prolific. Very large, stems remarkably long, early, a strong, thrifty grower and the most prolific. 1 yr., each 30c.; doz. \$3. 2 yr., each 45c.; doz. \$4.

HUCKLEBERRIES.

This much neglected fruit, which is of such great value, and so easy of cultivation, ought to be found in every fruit garden. Its perfect hardiness and adaptation to almost all kinds of soil, renders it as easy of cultivation as any of the small fruits.

Plant the large varieties 4x5 feet apart, and they will form large bushes. The small varieties plant in rows 5 feet apart and 1 to 2 feet in the row. Cultivate to keep down all weeds, and prune by shortening in the long growths, to induce the growth of short fruit bearing laterals, and trim out the old wood when it has ceased to be productive; when they begin to bear, mulch heavily with straw, leaves, wild grass, or any material that will keep the ground moist and cool, and the cultivator will be rewarded by a bountiful crop of delicious fruit.

High-Bush Huckleberry or Blueberry. This grows six to eight feet high, fruit large size, and brings the highest price in market. Although a seedling of the swamp variety, it can be grown on any moist soil; of superior quality, and profitable for market or home use. Price, per doz. \$1.25; per 100 \$5.

Dwarf Huckleberry. Very early, fruit large, often one-half inch in diameter. Bush grows from six to ten inches in height. This is the earliest variety offered and yields immensely. Price, per doz. \$1; per 100 \$3.

Low-Bush Blueberry. Fruit very sweet, and of superior quality, grows from one to two feet high. Price, per doz. \$1.25; per 100 \$4.

Black Huckleberry. Fruit large, bush two or three feet high, productive, in flavor distinct from other varieties, and preferred by many. Price, per doz. \$1.25; per 100 \$3.

Common Swamp Huckleberry. This variety grows in abundance in this vicinity in swamps, and large quantities of fruit are marketed every year. Will not do as well on the high land as the others. We can furnish this in large quantities if desired. Price, per doz. \$1.25; per 100 \$4; per 1,000 \$30.

Dwarf Service. This, by many, is called Upland Huckleberry, which it much resembles. The variety we have grows four to six feet high, is easy of cultivation, and flourishes in all soils, and produces annually a very large crop of rich purple fruit; mild sub-acid, and delicious flavor. The bloom is showy, and renders it a fine ornamental shrub. Price, each 20c.; per doz. \$1.50.

THE EARLY COLTON APPLE.

We again offer this excellent apple with the assurance that it is the very best early apple known. Below we give some reasons why it is:

1st. It is *entirely hardy*, having been grafted in all parts of the country, and has stood the extreme cold of Minnesota, Wisconsin, New Hampshire, and at its original home the mercury often falls to 30 degrees below zero. Not a twig so far as we can learn has been injured, while Ben Davis' Pewaukee, and others considered hardy, have been entirely destroyed.

2d. It is an *annual bearer*, never in its history over half a century has it been known to entirely fail of a crop.

3d. It is an *abundant bearer*, the trees are usually very full, and sometimes loaded so that the ends of the branches bend to the ground with their weight of beautiful fruit.

4th. It is *profitable*. Its superior quality and fine appearance has enabled us to sell it at 40 cents per bushel, when Red Astrichans were a drug in the market at 25 cents.

5th. It is *VERY EARLY*, beginning to ripen so it is good to eat *ten days* or more before Red Astrichan or Early Harvest, and continues to ripen for some time, making it very valuable for family use.

6th. It is of *beautiful appearance*, form regular, nearly round, of quite uniform medium size, color yellowish white, with a slight tint of carmine when exposed to the sun, much like Golden Pippin or Belmont in color, and fully equal to them in quality.

7th. The *habit of the tree* is good, the top spreading out like the Rhode Island Greening. When grafted into large trees it is of vigorous growth, but is not quite as good a grower from root grafts as some others, yet it makes a handsome tree.

8th. It is a *good shipper*. The skin is rather tough, does not show bruises readily, and is a remarkable keeper for a summer apple, and it never rots on the tree.

The "EARLY COLTON" is bound to become the most popular early apple, and nurserymen especially should lose no time in securing a stock.

Owing to the demand for the trees, the largest we have to offer are two year tops on three year roots, transplanted. Very nice, handsome trees.

3½ to 4½ feet, each 25c.; per doz. \$2.50; per 100 \$18.

2½ to 3½ feet, each 20c.; per doz. \$2; per 100 \$12.

1 year, 20 to 24 inches, each 15c.; per doz. \$1.50; per 100 \$10.

The latter sent by mail by adding for postage, 10c. each; 30c. for 6, 50c. for 12.

ROOT GRAFTS, 75c. per doz.; \$4 per 100, by mail if desired.

CLIONS, or Grafts. Counting 3 or 4 good well matured buds each, 50c. for 25; \$1.50 for 100; \$12 for 1,000.

We have a few fine plates made from specimen apples, two positions of the apple, by D. M. Dewy, of Rochester, N. Y. These we will mail to any one on receipt of 25 cents, which may be deducted from the price when ordering one dozen or more trees.

FRUIT TREES.

APPLE, PEAR, PEACH, PLUM, CHERRY, and all other fruit trees are prepared to furnish at reasonable prices, provided they are ordered at least *two weeks before* time to ship. The following prices are for popular standard varieties. New varieties at higher prices. Orders amounting to less than \$10 for this list of stock add 10 per cent. for packing. We would recommend to those living at a distance the second size trees, as it will save very much in express charges, and in all respects give good satisfaction:

APPLES. Leading varieties for this section for home use: For summer, Early Colton, Red Astrichan, Golden Sweet, Sweet Bough. For fall, Maiden Blush, Ohio Nonpareil, 20 oz. or Cayuga Red Sreak. For winter, Grimes Golden, Belmont, Red Canada, R. I. Greening, Green Sweeting, Roxbury Russet. For market, Baldwin, Belmont, Grimes Golden, King, Fallawater, Red Canada.

Any one desiring to set an apple orchard should ascertain what varieties do best in their locality, and plant of such varieties largely, and only a few varieties for market. But for home use enough varieties will be needed to cover the whole year. Roxbury Russets keep with us till Early Colton is ready for use.

CRAB APPLES. Leading varieties. Hyslop, large, dark red, popular, late.

Tracendent, large, yellow, mostly covered with red; tree very vigorous and productive.

Whitney's No. 20, large, almost red, some striped, very juicy, sub acid; an excellent eating apple.

Price same as other apples.

PEARS, leading varieties. For summer: Bartlett, Clapp's Favorite, Osband's Summer. For fall: Seckel, Flemish Beauty, Sheldon, Beurra D'Anjon, Kieffer and Howell. For winter: Lawrence, Josephine D. Malines. And if a dwarf tree is wanted it should be Duchess De Angonleine.

PLUMS, leading varieties. Lombard, Bradshaw, Green Gage, German Prune, Shropshire Damson, Jefferson and Quackenboss, all excellent varieties, but need care to guard against the curculio. The following American varieties are not as liable to its attacks: Wild Goose. De Soto and Miner.

PEACHES, leading varieties. Arnolds. Alexander. Barnard. Smock. Crawford's Early and Late. Foster. Jacques Rareripe. Red Cheek Melocton. Salway. Stump the World. Waterloo.

CHERRIES, leading varieties. Sweet: Black Tartarian. Black Eagle. Napoleon. Downer's Late and Gov. Wood. Sour: Early Richmond. May Duke. Louis Phillipi. Olivet. Keine Hortense. Dyehouse and Montmorency.

PRICE LIST OF FRUIT TREES. Standard Varieties.

	Each	Per Doz.
Apple, 5 to 7 feet, select.....	\$o 20	\$2 00
" 4 to 5 " nice trees.....	15	1 50
Pear, 5 to 7 feet, extra select.....	50	5 00
" 4 to 5 " nice trees.....	35	3 50
Peach, 4 to 5 " best.....	12	1 25
" 3 to 4 " nice trees.....	8	. 75
Cherry, sweet, 5 to 7 feet, select.....	35	3 50
" 4 to 5 " " nice.....	25	2 50
" sour, 4 to 5 " select.....	35	3 50
" 3 to 4 " good.....	25	2 50
Plum, 5 to 7 feet, on plum roots.....	30	3 00
" 4 to 5 " " ".....	25	2 50
" 5 to 7 " " peach.....	25	2 50
" 4 to 5 " " ".....	20	2 00
" Wild Goose on its own roots 2 years, 4 to 5 feet.....	20	2 00

NEW APPLES.

Yellow Transparent: Of Russian origin, of iron-clad hardiness, claimed to be the earliest of all; tree an upright grower, early bearer and very prolific, size medium, light lemon yellow, very smooth, fine quality. 5 to 7 feet, each 30c.; per doz. \$3; 4 to 5 feet, each 25c., per doz. \$2.50.

Red Beltzheimer. A new and valuable autumn apple from Germany, skin cream colored, shaded with light red to crimson, flesh white, sub-acid, with a brisk, pleasant flavor. One of the largest, handsomest and best. Tree a strong grower, heavy bearer, hardy.

5 to 7 feet, each 30c.; doz. \$3.
4 to 5 feet, each 25c.; doz. \$2.50.

NEW AMERICAN PLUMS.

Marianna. Early, large, round, very productive, excellent quality, deep cardinal red, an early bearer. We had plums last season from grafts set in wild goose trees the year before. Almost proof against curculio. A good one sure, trees on plum roots. First-class, each, 40c.; per doz. \$4.50. Grafts counting 3 or 4 good buds each, 25c. per doz.

Robinson. Another excellent plum fruit, medium size, bright red, sweet, rich, juicy, and yields enormously when only 2 or 3 years old. Nearly proof against curculio. First-class trees each 40c.; per doz. \$4.50.

KELSEY'S JAPAN. A new variety from Japan; color rich yellow, nearly overspread with bright red, very large, often 7 to 9 inches around, pit very small, of excellent quality, melting, rich and juicy, wonderfully prolific, beginning to bear at the age of two or three years. From all accounts this is one of the best plums yet introduced.

4 to 5 feet trees, each 50c.; doz. \$5.
3 to 4 feet trees, each 40c.; doz. \$4.

PRUNUS SIMONI, Apricot Plum. From Northern China. It is described as being very hardy, having stood the winters of Iowa and Nebraska. In appearance the fruit more closely resembles a flatish, smooth, brick-red tomato than any stone fruit, yet in smell and flavor very near the Nectarine; the flesh is yellow, firm, and has a peculiar aromatic flavor. A valuable fruit,

4 to 5 feet trees, each 40c.; per doz. \$4.00.
3 to 4 feet trees, each 30c.; per doz. \$3.25.

PRUNUS PISSARDI. A most charming ornamental tree, as well as valuable for its fruit. The leaves are about 3 inches long by 1½ inches broad, and of the deepest purple, which they retain through the season; bloom white and rose tinted, fruit very dark purple. The tree is perfectly hardy, of a vigorous upright habit, making it one of the most beautiful trees known. The fruit is also of excellent quality, medium size not liable to be injured by the curculio.

4 to 5 feet trees, each 60c.; per doz. \$6.00.
2 to 3 feet trees, each 40c.; per doz. \$4.00.

KIEFFER PEAR. This variety is highly praised on the one hand, and as persistently abused on the other. We have had it in bearing three years, and we find it a remarkably vigorous grower, and wonderfully productive. Fruit large size, very regular in form, always fair and smooth, and colors up beautifully, making it handsome and attractive; season from the middle of November till the first of January or after. They have a decided Quince flavor, and are not excellent for canning or for sauce by any variety. To eat without cooking they are only of fair quality, yet when they are at just the right stage they are very juicy and refreshing. We have seen no signs of blight or injury from extreme cold. It is an early bearer, young trees often bearing at four years of age, and grafts set in old trees bore with us the next year. They can be grown as easily as apples, and although not of extra quality, their size, color, season and appearance will sell them, and at a remunerative price. We sold ours for \$1.50 per bushel last season. And after all that has been said against it from our experience with it on our soil, we believe it to be a very valuable pear. Trees the same price as other pears. See list above.

THE QUINCE.

This valuable and delicious fruit is found in but a small portion of the gardens or fruit orchards, and yet so easy of culture. Plant it where the soil is neither too wet nor too dry, give it plenty of manure, a little potash in some form, and a little salt, and the planter will be abundantly rewarded for his labor. We offer the following varieties.

Orange (or Apple.) The old best known standard variety, good size, rich orange yellow, fine flavor, ripens early. 2 to 3 feet, 25 cents each; \$2.50 per doz. 3 to 4 feet, 30 cents each; \$3.50 per doz.

Rea's Mammoth. A seedling of the Orange, larger size, a more vigorous grower, and more productive, by some considered the best of all quinces. 2 to 3 feet, 50 cents each; \$5. per doz.

Meech's Prolific. A new variety that is creating quite a sensation among fruit growers on account of its remarkably vigorous growth. Marvelous productiveness, perfect hardiness, regular, bearing, superior quality, beautiful pyriform shape, with smooth, fine skin, of a lively orange yellow; and cooks soft and tender, ripens mid-season. It seems to be "par excellence," combining all the desired qualities of a perfect fruit. 1 year trees, 2 to 3 feet, 75c. each; 2 year trees, 3 to 4 feet, branched, \$1.00.

Missouri Mammoth. A new variety from Western Missouri, highly recommended by the Missouri State Horticultural Society for its very large sized fruit, excellent quality, hardiness, vigor, and productiveness of the tree. 1 year, 18 to 24 inches, 50c.; 2 to 3 feet, 75c.

Champion. A new variety from Connecticut. Ripens very late, fruit very large, of fine quality, trees fairly vigorous, and bear quite young. 1 year, 2 to 3 feet, 25 cents each, \$3.00 per doz.; 2 year, 3 to 4 feet, 35 cents each, \$3.50 per doz.

RUSSIAN APRICOT.

A new variety from Russia, introduced into Kansas and Nebraska several years ago by the Menonites, and it has proved to be entirely hardy. With the temperature 30 to 40 degrees below zero it has not been injured; tree a rapid, handsome grower, and very prolific, fruit the size of small peaches, of excellent quality, ripens early. Seedling trees 2 to 3 feet, each 20c.; per doz., \$2. 3 to 4 feet, each 30c.; per doz. \$3.

Improved Russian Varieties.

The Russian Apricots which have been sold heretofore have been seedlings varying in time of ripening, color and quality of fruit. Messrs. Carpenter and Gage of Nebraska, after spending much time, have selected the very best of these seedlings to cover the whole season, and named them as follows:

Gibb. A good bearer. Fruit medium size, yellow, sub-acid, rich, juicy. Season June 20th. The best early variety.

Alexander. An immense bearer. Fruit large, yellow, flecked with red, both skin and flesh sweet, delicious. Season July 1st. One of the best.

Nicholas. A splendid bearer. Fruit medium to large, white, sweet, melting, July 10th. Valuable.

Alexis. An abundant bearer. Fruit yellow with red cheek, large, slightly acid, rich and luscious. July 15th.

Catharine. Vigorous and productive. Fruit medium size, yellow, sub-acid. Good. July 20th.

J. L. Budd. Strong and profuse bearer. Fruit large, white with red cheek; sweet, juicy, extra fine, with kernel equal to Almond. Season August 1st.

Price, 1 year, 3 to 4 feet, each \$1.25; per doz \$12.

HARDY FLOWERING SHRUBS.

We give below a select list which comprises the very best of this class of *Ornamentals*. Grown singly or in masses, they are very effective on the lawn. The bloom of several of them is fragrant, and all are showy, and many of them have very fine foliage, changing with the season, making them attractive during the whole summer and autumn:

Althea, (*Rose of Sharou*), variegated, red or purple, each 20c., per doz. \$2.

Almond, double red or white, each 25c., per doz., \$2.50.

Berberry, purple leaved, each 20c., per doz. \$2.

Calycanthus, (*sweet scented shrub*), each 25c., per doz. \$2.50.

Cydonia Japonica, (*Japan Quince*), scarlet or blush, each 20c., per doz. \$2.

Deutzia, *Crenata* fl pl, and *Gracilis*, each 20c., per doz. \$2.

Forsythia (*Golden Bell*), early, each 20c., per doz., \$2.

Fringe, purple, each 30c., per doz. \$3; white each 40c., per doz. \$4.

Hydrangia (*P. G.*), hardy, best, each 20c., per doz., \$2.

Honeysuckle (*Tartarian*), red or white, each 20c., per doz. \$2.

Lilac, white or purple, each 20c., per doz. \$2.

Philadelphus (*Syringa* or *Mock Orange*), sweet scented, each 20c., per doz. \$2.

Spiraea, *Collosa*, rose; *Calosa alba*, white; *Billardii*, rose; *Reevesii*, double white; *Prunifolia* (*or Bridal Wreath, double white*), each 20c., per doz. \$2.

Snowberry, white, each 20c., per doz. \$2.

Viburnum (*Snowball*), each 25c., per doz. \$2.50.

Weigelia, *Rosea*, *Amabilis*, and white, each 20c., per doz. \$2.

Wisteria (*Chinese*), a rapid growing, elegant climbing shrub, large, pendulous clusters of pale blue flowers, each 20 cts., per doz. \$2.

\$5.00 WILL BUY one plant of each of the 31 varieties in the above list.

PEAS OMITTED FROM LIST.

Black Eye Marrowfat. Very extensively grown for market, and one of the most profitable; grows about five feet high, pods very large and full, and remarkably prolific. Our stock is very extra, and cannot be excelled. Pkt., 8c.; pt., 12c.; qt., 20c.; peck, 75c.; bush., \$2.50.

HORSE RADISH.

The best is grown from sections of small roots, about 5 or 6 inches long. It should be planted in very rich mellow soil; make holes deep enough so the tops of the sets will be two or three inches below the surface; drop the sets in with the pointed ends down, and cover. The first year's growth, after planting, is the best for market or home use. Good sets per doz., 20c.; per 100, 75c. If to go by mail add 10c. per doz., 50c. per 100.



The blade is made of the best spring steel. The handle fits the hand perfectly, and the band passing over the fingers permits a free use of them in pulling weeds or thinning plants as though no tool was in the hand. We have had several in use for two years. It is the best weeder we have ever used, and we can see no chance for improvement.

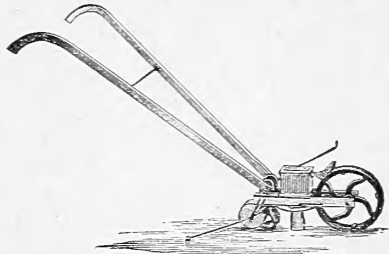
Price only 30 cts., by mail 35 cts.

WOODASON'S BELLOWES OR INSECT EXTERMINATORS.

Blows Paris Green, London Purple, Hellebore, Pyrethrum, Sulphur, Slacked Lime, Ashes, &c.

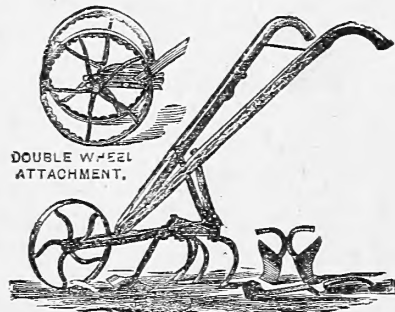
This bellows has no superior for destroying Insects in the Conservatory, Garden, Orchard or Field. It will kill every bug upon an acre of potatoes under the leaves as well as on top in an hour. It will blow powder into the highest fruit trees. It can be held in any direction without wasting powder, as it regulates its own supply. Price of Improved Patent Bellows, \$4. Price of Liquid Atomizer Bellows, \$2. Small Powder Bellows, for home use, \$1. Address all orders to

FRANK FORD & SONS, Ravenna, O.



LITTLE GEM SEED DRILL.

This will make the drill, drop and cover Turnip, Carrot, Sage, Spinach, Onions, Parsnip, Radish, Beet, &c., and mark the next row as perfectly as any \$12 drill. It is well made, will last as long as any, weighs only 20 pounds, and costs but \$5.



GEM OF THE GARDEN.

Hand Wheel Hoe and Cultivator.

This implement is one of the most effective and convenient tools of the kind yet invented. The working parts of the Single Wheel "Gem" are, two Scuffle or cutting Blades, one 4½, and one 9 inches wide. Two plows, right and left hand. Five Stirring Teeth, all made of the best steel. They have given entire satisfaction to the thousands who have used them. It is light, yet strong, easy to handle, in fact we think it the best wheel hoe in use. Price, only \$5.

The double wheel attachment as seen in cut with two extra blades, very useful in working both sides of the row at once, among your plants; \$2 extra. The Little Gem Drill and Single Wheel Hoe, when ordered at one time, will be but \$10; with the double wheel attachment, \$11.75. In our opinion these tools are far better than any combined drill and cultivator; they require no shifting, and are much lighter to handle.

FOR SALE. At reduced price, one new Planet, Jr., Combined Drill, Wheel Hoe Cultivator and Plow. Price \$10. One nearly new **A. H. Matthews New Seed Drill**, one of the very best made; plants Beans, Peas and Corn, as well as small seeds. Price \$9.00.

IMPORTANT NOTICE!

To All Who Receive This Catalogue.

We must revise our mailing list. It is customary with most seedsmen and nurserymen to send their catalogues only to their patrons of the previous year, without applying for it. We have a long list of names to whom we have been pleased to send our catalogue, without application, for several years, and from whom as yet we have not received an order, and we shall do so again this year, in hope that we may hear from them this season. Some of these names have been sent us by *their* and *our* friends; others have been obtained in various ways. We also have many other names who were our patrons years ago, and perhaps long since dead. And as it seems to us that those who have received our Catalogue more than two years, and have not been heard from, do not care for it.

We shall drop from our mailing list all names placed there previous to January 1st, 1886, unless we hear from them this season, by way of an order, or a request to have the name again placed upon our mailing list.

All who applied for our Catalogue during 1886 and 1877 will receive it as usual.

We shall also drop all names that do not appear on our order book since January 1st, 1885. No matter how small an order we receive from any one they will receive our Catalogue next season without application.

As we request postmasters to deliver our Catalogues to some other person when it cannot be delivered to the person addressed, many will receive this copy in that way, and we shall be glad to hear from you, even your address on a postal card, saying that you have received it, also to whom it was addressed, and state, if not dead, what his address is now. This will place your name on our mailing list for next year. We will also place upon our list the names of your neighbors and friends, who are in the habit of sending away for Seeds or Plants, or Potatoes, and send them this Catalogue, if you will give their names and P. O. address.

FALL CATALOGUE

We do not issue any Fall Catalogue, but will print a price list of Plants, Strawberry, Raspberry, Blackberry, Dewberry, &c., which we shall be pleased to mail to all on application, and to our patrons of spring, 1887, without application.

Preserve This Catalogue for Reference and Descriptions.

We can grow potted plants of all the new varieties of Strawberries on two weeks' notice after July 1st. Prices will be as low as offered by any one.

Layer Plants, Raspberry and Blackberry, in Their Season.

Standard sorts will not vary materially in price from spring prices, except on Strawberry, before October 15th.

It is not generally understood that if they are taken up before that time that each one would destroy from one to five other plants that would be good late in the fall, consequently the price must be higher before that time.

POPULAR GARDENING.

A Home Journal for the Million.

Devoted to Ornamental and Useful Gardening. Illustrated. Embracing by recent purchase, The National Horticulturist, Detroit, Mich.; Purdy's Fruit Recorder, Palmyra, N. Y.; The Floral World, Chicago, Ill.; The Garden Review, Windsor, N. Y. This paper is published independent of any nursery or seed establishment. (A need long felt.) The articles admitted to its columns will therefore be unbiased and reliable, treating all subjects from a disinterested standpoint. This will certainly render it more valuable than a paper devoted almost entirely to puffing up what the publisher has to sell. It is printed with beautiful clear type, on fine super-calendered paper, with many illustrations, presenting a remarkably neat appearance, and the contributions are of high order. A serial will begin with the January number entitled, **THE COMPLETE GARDEN, How to Make and Manage it**, by a well-known Horticulturist, who is able to make this alone worth more than the subscription price. Published monthly at Buffalo, N. Y., at one dollar per year. Subscriptions received by us and forwarded to the publishers. Or we will give it for one year as a premium on all orders amounting to \$15 and over, (except potatoes by the barrel,) at regular list prices, and for 50 cents, with \$10 orders, we will give the paper one year. This is just the paper every one of our patrons would like.

TILLINGHAST'S CABBAGE PEST POWDER.

Recent discovery has been made of a substance named above, which can be safely applied to cabbage (and other vegetable plants) to effectually rid them of Insect Pests.

"No sooner does the cabbage seed break its shell in germination than it is beset with *fleas*, which if unmolested, will entirely destroy, or greatly injure the young plant. If, perchance it escapes, it is soon attacked by various forms of *plant lice*, and if the gods of luck protect it from this devastation, it is only to enable it to supply food to far more glutinous enemies in the form of devouring worms, which not only eat the best, but befoul what they leave, so that unless constantly vigilant, the portion of the hard working planter, who thus works 'on shares' with his enemies, is exceedingly small."

Those who by bitter experience realize the truth of these stubborn facts, will best appreciate the value of a harmless vegetable substance that may be freely applied to cabbage in all stages of growth, without the least danger of injurious effects to either the plant or the person who eats it, and yet **WILL COMPLETELY AND EFFECTUALLY DESTROY all insect enemies**. It is easily applied.

SAFE! CHEAP! SURE!

Packages contain 1 lb., 5 lbs., and 10 lbs. Price 24 cts. per lb. If to go by mail add 16 cts. for postage. Full directions with each package. Address all orders to **FRANK FORD & SONS, Ravenna, O.**