

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

U.S. Department of Agriculture
Washington, D.C.

Strawberry Plants A SPECIALTY

Thirteenth
Annual Cata-
logue and
Price List

RAILROAD VIEW
Fruit Plant Farms

1902

O. A. E. Baldwin
Bridgman,
BERRIEN COUNTY
MICHIGAN

Strawberry, Raspberry, Blackberry
Plants; Currant and Gooseberry
Bushes; Grapevines, Etc.

Best Goods Prices Right




Berry Crates, Berry Boxes

Goods sent in the flat or made up.

Baskets For shipping
Grapes and Peaches

All kinds of Fruit and
Vegetable Packages

Catalogues mailed free on application.  Address

Colby-Hinkley Co.,

Benton Harbor, Mich.

(Mention this catalogue)

Baldwin's Fruit Plant Catalogue

1902

GREETING.

1902



IN preparing matter for our thirteenth annual catalogue we wish to again thank our many customers and friends and to express to them our appreciation of their patronage and to assure them that we shall spare no pains to merit a continuance of the same. Our stock of plants, while not as great in quantity as some years, is extra fine in quality, having received the best of care and cultivation. We receive so many letters and enquiries in regard to our business and mode, manner and amount of business done, etc., that we have concluded to place in our 1902 catalogue extracts from an article in one of our oldest and most reliable county papers. This will also serve to answer many of the questions so frequently received as to business, reliability, etc.

A Berrien County Industry.

A representative of this paper happened in Bridgman recently and having heard much about the plant business, in that vicinity, visited one of the largest of the kind in this corner of the state, the "Railroad View Fruit Plant Farms," owned and operated by O. A. E. Baldwin. Mr. Baldwin's farms, which consist of three distinct pieces of land, though adjoining, are situated about $1\frac{1}{4}$ miles south of the postoffice, all good, rich soil. The farms consist of about 123 acres, of which one-half is devoted to the raising of plants, principally strawberry, for the trade. Mr. Baldwin started in a small way about 12 years ago and by fair dealing, strict attention to business and sending out nothing but good, pure stock, true to name, and reliable in every way, has built up a large business and many of the most prominent and successful fruit growers from all over this land are now his best and most steadfast customers.

Mr. Baldwin gives general supervision to the extensive business, but employs many to look after branches of the work. His son, Omar A. D. Baldwin, has charge of the mail, keeps the books and looks after the details of this department. During the season, April 1 to May 15, as high as 100 letters per day are received. He is ably assisted by Howard E. Sternes, one of Berrien county's successful school teachers.

Oscar Seavers is the "field boss" and has general charge of the diggers, numbering 40 to 50 persons—principally men, but some women and children are employed. It is his duty to supply the packing house with the several varieties of plants—some 60 kinds—which keeps him and his assistants on the move constantly. A man with team does the gathering and brings stock to the packing house. In the packing house young women are employed putting up strawberry orders and men are engaged on other varieties of plants. * * * To give some idea of what the business amounts to, Mr. Baldwin employs from 50 to 60 hands during the six weeks season and pays out about \$3,000 for the same. His postage item alone is about \$500. * * * His business with others here has swelled the postoffice receipts wonderfully and express and railroad agents have to work until midnight during the busy season, billing out plants.

Though a very busy man Mr. Baldwin finds time to attend to lodge duties, he being a member of Lake Lodge, No. 143, I. O. O. F., and has passed through all the chairs. At present he is the treasurer of the lodge. He is also a member of the Bridgman Tent, No. 441, K. O. T. M., and is its Finance Keeper. He is Past Chief Templar of Lake Shore Lodge, No. 144, I. O. G. T.

During his residence in Lake township he has held the office of Drain Commissioner 10 years, School Inspector 4 years, Moderator of the School District 9 years and is at present Director of the District. At the late election he was elected Supervisor, defeating his Democratic opponent, C. M. Smith, one of the most popular men in the township. As the Democratic majority is about 60 Mr. Baldwin has no reason to complain, he being the only Republican to pull through.

As a man, a public official and citizen generally, O. A. E. Baldwin enjoys the respect and confidence of all who know him and those who may become his future customers and friends will find him, like his plants, "true to name" and worthy of the pleasing success that flows his way.—*St. Joseph Saturday Herald*, May 4, 1901.

It is unnecessary to write of the great drouth of 1901 almost unparalleled in the western states or to state that plants will be *scarce*, or to even allude to the "early bird" and the "worm." Our old customers all understand these things and govern themselves accordingly. Our plants go to all sections of the United States and Canada and hundreds of unsolicited testimonials are received every year, a few being published to show what customers think of our stock. We have no hobby to ride, but grow and ship as hardy and productive plants as can be grown and place them alongside of any for best results.

Rightly Located.



OUR Location is in Berrien county, the greatest strawberry county in the state, one and one-half miles from Lake Michigan on the Pere Marquette R. R. only thirteen miles from the great trunk lines, like Michigan Central, I. I. & I., and "Big Four," making connections to all sections of the United States.

OUR Stock is fine, not to be confounded with the light puny stock sent out by many of the nurseries.

OUR Trade extends to all sections of the United States and increases every year.

OUR Prices, on account of drouth, average a little higher than last year on standard varieties. Newer varieties are very low as compared with many nurseries.

Varieties. Our strawberry list contains over fifty of the best varieties there are. We sell several hundred thousand of one variety in a season (of the most popular kinds.)

Boxing and Packing. We use thousands of light plant crates and handled baskets for express and heavier ones for freight. Most of our boxes we manufacture in winter during dull times.

Moss. We pack our plants in moss of which we use many tons every year gathered from our own moss swamps. Our packing is done by experienced help under our own supervision, or of some member of our family. Box and packing free.

Methods of Shipment. By mail. The reduction in postage on plants enables us to send small amounts to distant sections at small cost and thus place in customer's hands a few of a kind **cheaper** than they could procure them of their nearest nursery. **By Express.** This is the method most commonly adopted for sending large bills to distant parts of the country, as there is no delay as sometimes occurs by freight. Plants go for 20 per cent less by express than other goods. Some nurserymen will tell you that they have secured a cut rate; this is not the case, all receive the same rate. **By Freight.** We ship large amounts of stock long distances by fast freight. Nearly all the plants bought of us by nurseries and dealers all over the United States to sell again are ordered sent by freight. All such should be ordered **early**. Many ask, "How far can you ship by freight?" We have shipped safely as far west as the Pacific and east to the Atlantic. We send large bills by freight every year into all parts of the United States and Canada, and most go through safely but of course delays sometimes occur, and stock is injured. As the buyer is the one benefitted by freight rates he must take the risk. It is immaterial to us which way we ship.

Order Early. By all means—the earlier the better. If anything more is needed it can be added later; besides we give **liberal discounts** on early orders. If not prepared to send all the money, send a part, when the order will be booked; the balance before shipment. Again we say **do not put off ordering until late** and then send in an order saying, "My ground is all ready—ship stock at once," etc. Doubtless there will be hundreds of orders ahead of you that must be attended to.

Our Terms are Cash. No order booked unless accompanied by a remittance as a guarantee of good faith; the balance before shipment. At our prices we cannot afford to do a credit business. We give references as to our reliability, etc., which all are at liberty to investigate. Our prices are low for cash. As we have said heretofore we have been "beat" so many times by dishonest men that we must refuse all orders unless money is sent.

Liability. While we take the greatest pains to have our stock **pure and unmixed and true to name**, mistakes will sometimes occur, and if found to be our fault, we will either replace stock not found to be true or refund the money. We commence to ship the last of March or first of April, according to season. We issue no fall catalogue but send out some stock after October 1st. Do not ask us to send out plants in fall until October.

How to Send Money. By Chicago or New York draft, express money order, postoffice money order or registered letter.

Do not send checks on country banks as there will be exchange to pay, which will be charged to buyer.

All inquiries cheerfully answered, but please make them short and to the point.

If more than one catalogue should be received, please hand to some neighbor and oblige. Also, if you have neighbors, (fruit growers) that you think would like our catalogue if you will send a few names on postal we will mail them one, and will **send you a few plants for your trouble**. Many customers request us to send a catalogue to their friends. Thus many will receive a copy that have not written for one, their friends interesting themselves in their behalf.

Strawberries.



THE Strawberry is Our Specialty. We have a fine stock of all the standard and best new varieties, which we have listed **very low** and shall sell at prices quoted as long as stock lasts. Almost all the newer varieties we obtained from the originators and introducers in the first place at a heavy expense, consequently our stock is pure. Many ask how we can sell such choice stock so low. Being situated in a section especially adapted to growing the finest plants and not being hampered with anything in the tree line, growing many of the standards by the hundred thousand on new, rich land that produces a heavy stock of extra fine plants, having **our own moss swamps** for packing, of which we use **many tons** each.

year, and being satisfied with a **small profit**, we can furnish choice stock very low. Many new beginners ask what varieties are most profitable to grow for market, etc. Of course much depends on location and circumstances. The general favorites are the following: Bubach, Warfield, Haverland, Lovett, Parker Earle, Crescent and Bederwood. Newer varieties which are exceptionally good are **Aroma, Clyde, Glen Mary, Excelsior, Wm. Belt and Marshall**. We have a fine stock of the above and a new beginner cannot go far out of the way in getting these varieties. We also have the **best** of the newer varieties. When early spring frosts are liable to kill blossoms, growers should remember that pistillates are much more hardy than staminates, Crescent and Haverland standing at the head with us.

Soil for Strawberries.—Almost any soil that will grow good field crops will grow good strawberries.—good, rich, well drained sandy loam preferred. For general field culture plant rows from three and one-half to four feet apart—plants from one and one-half to two feet apart in the row, according to the habit of the plant. Plant every fourth row to some staminate variety. Let them make a matted row. Newly cleared land is good for strawberries. We make a practice of clearing up several acres of new land and setting to strawberries every year, and while the labor of attending is more than on old, run-out land, the plants produced are the best and most healthy grown. Growing plants in such large quantities we can, of course make a discount on large bills. Thus nurseries in all sections of the country buy of us to sell again—many times selling through agents as high by the hundred as we charge by the thousand. Our low prices hold good while stock lasts. We have some varieties not listed here; if you want something not on the list, write us. We use but few cuts of strawberries in our catalogue. In looking through the profusely illustrated catalogues sent out we often see the same cut doing duty for several varieties of berries, but if you want **fine plants you can get them of us.** The other fellow has fine pictures.

Please Note Our Premium Offers.



FOR orders of \$1.00 at catalogue price (if this offer is mentioned) by special arrangement we will give a **six months subscription** to THE NATIONAL FRUIT GROWER, the largest horticultural paper west of New York. (Monthly).

For a \$2.00 order we will give a year's subscription (regular subscription price 50 cents.)

For an order of \$5.00, at catalogue price, we will give the **Biggle Berry Book**, by Judge Biggle, or any of the other Biggle books, viz: "**Biggle Horse Book**," "**Biggle Poultry Book**," "**Biggle Cow Book**," "**Biggle Swine Book**," and "**Biggle**

Health Book." The books are models of the printer's art, beautifully illustrated, cloth bound, **boiled down, common sense, cream not skim milk.** Beautiful color illustrations in the berry, cow and poultry books. By taking advantage of our coupon offer **The Farm Journal** can be secured **five years for sixty cents.**

For an order of \$10.00 and over, received early, (before March 1st,) customers will be allowed to select stock to the amount of \$1.00 free, if this offer is mentioned.



Certificate of Nursery Inspection.

BRIDGMAN, MICH., Oct. 14, 1901.

This is to certify that I have examined the nursery stock and premises of O. A. E. BALDWIN, and find no indication of the presence of any dangerous insect pest or fungus disease.

D. W. TRINE.

State Inspector of Nurseries and Orchards.

Varieties of Strawberries

For Price by Dozen and Hundred see Third Page of Cover.

THE NEW STRAWBERRY, "AUGUST LUTHER."

The **August Luther** was our earliest berry this year, giving a few specimens on June 4th, and quite a good many the next day. On the 7th it was full of ripe berries, and continued to bear until nearly every berry reached maturity. The plant is tough and vigorous and produces a good crop of nice berries at a time when the demand is good. The fruit is of good size, roundish conical, dark red, firm, easily picked and quite good for an early berry. (From Crawford's July report on strawberries.) 60c per hundred; \$3.00 per thousand.

AROMA. (S) Plant shows no weakness of any kind. Fruit very large, roundish, conical, rarely misshapen, glossy red, of excellent quality and produced in abundance. One of the most profitable late varieties that we grow. It produces twice as much as Gandy and fine berries. Price \$3.25 per thousand.

BISEL. (P) From southern Illinois, where it has a great reputation as a profitable market berry. Berries are large, regular conical form, bright red, quite firm, with seeds but slightly imbedded, flesh is light red and of good flavor. Ripens with the Crescent but continues longer in bearing. Very prolific. \$2.50 per thousand.

BRANDYWINE. (S) This fine late strawberry was introduced by M. Crawford. I bought a good stock of the plants of the introducer and now have a large stock of fine plants. Brandywine is late, good shape, good quality, good size, firm and productive. We have a good stock of extra fine plants at \$3.00 per thousand.

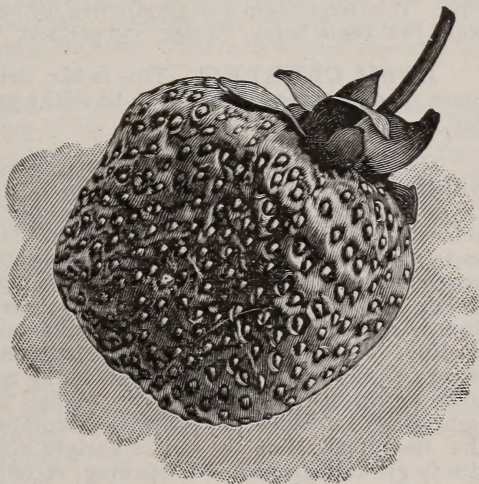
BEDER WOOD. (S) This variety was originated by Beder Wood of Illinois. We have fruited it for

many years and found it to be a very heavy bearer, of good sized roundish fruit (about as firm as Bubach), season early, a good staminate to fertilize early varieties like Crescent, Warfield, etc. M. Crawford says in his strawberry report: "This berry, all things considered, is the best berry that has ever been fruited with me. The plant is a good, healthy grower and sends out a number of large runners. The call is heavy for this variety. Price is \$2.50 per thousand.

BISMARCK. "This is a self-fertilizing strawberry, possessing all the desirable peculiarities of Bubach No. 5. To those who are familiar with the Bubach perhaps nothing more need be said, since Bubach has been a favorite berry, and more plants have been planted of that variety since its introduction than of any other. We got our stock of the originator. It is a marvel of productiveness. The foliage is a dark green very much like Bubach but has a perfect blossom. None will be sorry who set it. Price is \$2.75 per thousand.

BUBACH. (P) This is a great favorite all over the country. Was first choice with thirty fruit growers from all sections of the United States. The plant is very large and fine looking but a slow plant maker, the berry large and showy. \$3.25 per thousand.

BARTON'S ECLIPSE. (P) A seedling of Longfellow. I have fruited this several years and am very much pleased with it; it is very profitable and a heavy bearer. The fruit is of good size. Will endure a good deal of handling; having a firm skin and slight neck; good color and a good runner. One of our most profitable berries. Those that like Haverland would like this variety better. \$2.50 per thousand.



BISEL

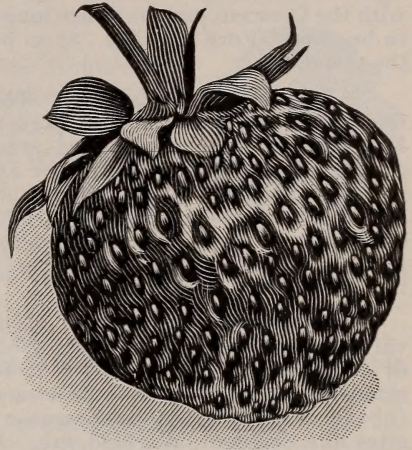
BENNETT'S. Originated in one of the suburbs of Cincinnati. The following is a description of this new berry: The plant is a joy to see, clean, strong, bright, deep-rooting and free from spot. It is exceedingly productive, ripens its first berries earlier than the Warfield, and bears as late as the Gandy. Its season has extended over five weeks. It is pistillate, and if properly fertilized every blossom is followed by a berry. The color is "the best there is," bright scarlet when first ripe, to dark red if left unpicked four or five days later. In firmness it is probably not excelled. The calyx is of medium size, always green and healthy, and not easily detached in picking. Finally, the quality is good, much better than the average. For an all round, general purpose berry, it is likely to be one of the very best. 75c per hundred; \$3 50 per thousand. We bought our first plants of the introducer.

BRUNETTE. (S) Remarkable for its fine quality. The berries are from medium to large, round and almost perfect in form, very uniform, dark, reddish crimson, firm, and of exceedingly rich; sweet, luscious quality. It is also very handsome and attractive. The plant is a strong grower and entirely free from rust. It is large, firm and productive, of best quality; recommend it to those who want best table berry. Price, 75c per 100.

BUSH CLUSTER. This is Mr. Bauer's latest berry. No blight has yet made its appearance. Seems to have the good qualities of Parker Earle. Ripens early. \$3.50 per thousand.

CLYDE. (S) This berry originated with Dr. J. Stayman several years ago. The Clyde has Crescent blood in it and no doubt gets its immense productiveness from that variety. Nearly as large as the Bubach, nearly or quite a week earlier and very much firmer. It is a strong staminate and therefore is suitable for pollenizing medium and medium early pistillate varieties. The plant is very vigorous and healthy, there being no trace of disease about it. The foliage is light green in color and somewhat resembles the Haverland, but is a more upright and sturdy grower. Season of ripening, second early. Its strong plants, with an abundance of long roots, enable it to withstand drouth better than most sorts. There is no more popular berry before the people than this at present.

The Strawberry Culturist says: "The Clyde is fast becoming the most popular medium early berry, owing to its large size, immense productiveness and good shipping qualities." The demand for Clyde is very heavy. Price \$3.00 per thousand.



CLYDE

CARRIE. (P) W. J. Green, of Ohio Experiment Station, speaks as follows: "Of the new varieties of strawberries about to be introduced, none pleases me better than Carrie. It resembles the Haverland, but is an improvement upon that variety in size, color and firmness, and it seems equal to it in productiveness." We fruited the Carrie at Maplewood this year. It is just about like Haverland in fruit, except that the fruit is very firm. The plants are very deep rooters and enormously productive. We think this berry will ship long distances by express safely. Price, \$3.00 per thousand.

COLUMBIAN. (S) It is a bright scarlet color so much admired in a market berry, and is quite firm and large for an early berry. Most early berries are shy bearers and small in size, but the Columbian reverses this. Strong grower, has a perfect blossom, free from rust and sends its roots deep in the ground, thereby standing long drouths without dying out in spots. It has fruited satisfactorily with us. \$2.50 per thousand.

CRESCENT. (Improved) (P) The standard of productiveness all over the country; succeeds everywhere; stands neglect best of any, plant small, berries fair size, bright and attractive, not very firm. Many growers still consider this the most profitable berry for market. A few years ago a new berry was introduced into this section, which proved to be an improved Crescent. We sell a great amount of this variety every year. We have a full stock of extra fine plants and quote them at \$2.00 per thousand.

ENORMOUS. (P) This is a fine berry from Illinois and is bound to become one of the standard berries of this country. The Rural New Yorker speaks of it as follows: "This is well named. It seems among the earliest. Shape very variable, between scarlet and crimson in color, firm and good quality. A good early variety." \$3.00 per thousand.

EXCELSIOR. (S) **New.** Introduced in 1898 at \$80.00 per thousand, by Mr. Bauer, the introducer of the Bismark, VanDeman, etc. The originator says; "It is the only extra early berry now in the swim, and we have tried everything in that line." The plant is a healthy and thrifty grower, not very large, but a heavy bearer of fine large berries. There is a great demand for extra early berries. \$2.50 per thousand.

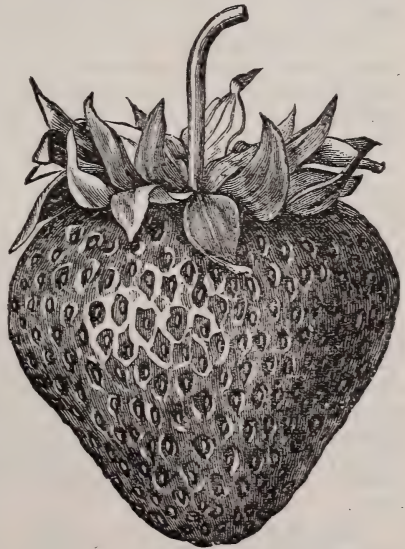
GREENVILLE. (P) The Greenville strawberry is an accidental seedling found on the fruit farm of E. M. Buechly, Ohio. Berries of good size, good quality, medium texture, very productive, season medium, color very even and fine, flower pistillate, plants very vigorous and free from rust, much resembles Bubach but a better plant maker, making more solid fruiting row. Is now one of the standards. This variety was introduced in '93. \$2.75 per thousand.

GLADSTONE. (S) Medium to large, inclined to be conical, firm, crimson color, good quality. Plant strong, vigorous grower, with clean, healthy foliage. Very productive; claimed by the originator to be as early as Meeks' or Michel's Early, and as large as Bubach. These points of merit make it a very valuable market variety. Price, 80c per hundred.

GANDY. (S) This is one of the leading late varieties with fruit growers all over the country. The plant is a strong grower, fruit is large and firm but does not yield as heavy as some; requires strong soil and fertilizers to do its best, but being very late is very profitable on that account. \$2.50 per thousand.

GLEN MARY. (S) The Glen Mary is a chance seedling which originated with Mr. Jas. A. Ingram, of Chester county, Pa. (Mr. Jas. A. Ingram is an uncle of Mr. Edward T. Ingram, the well known originator of the famous Brandywine strawberry.) Large and choice, very handsome and of fine flavor; vigorous and productive. It is as large as the Sharpless and of superior quality. In productiveness it far surpasses the Crescent, not in number of berries, but quarts of berries. The Glen Mary began to ripen at its home in Chester county, Pa., on May 28th, and the claims seem warranted that it is capable of producing big berries all through the fruiting season. Price, \$3.25 per thousand.

HALL'S FAVORITE. (S) **New.** It is beyond doubt the finest strawberry ever grown. It defies any and all competition. It comes the nearest to perfection of any berry I ever saw, is what one grower said when he saw Hall's Favorite berry, large and perfect in form. Color, a rich crimson. Flesh firm. \$3.00 per thousand.



GANDY.

HAVERLAND. (P) Exceedingly productive; fruit large and very fine but rather soft for a distant market; one of the most popular of the well-tested varieties; withstands the drouth better than most kinds; color, light, season early. We have a heavy demand for Haverland every year. \$3.00 per thousand.

JESSIE. (S) This berry does not seem to be adapted to all kinds of soil, is after the Sharpless type, being a seedling of that berry. It is a splendid fertilizer, good quality and good color, does extra well in some sections, but with me it is not a heavy cropper and tender like the Sharpless. 50 cents per hundred.

JOHNSON'S EARLY. (S) An early large strawberry is now the most desirable acquisition among berry plants. We believe this is the best early strawberry that has ever been sent out, says Slaymaker. Ripens with the first, but on account of its larger size and better appearance in market sells "at about double the price of any other berry of same season." It was first shipped to New York market in 1898 and it carried everything before it. Neighbors and visitors were so struck with its prospects that they bought nearly half a million plants last spring, leaving but few to go away from home. 1899 was a very dry season in that part of Maryland. Michels and Lady Thompson were almost a failure but Johnson's Early in spite of the disadvantage of such heavy drawing of plants, gave satisfactory returns and added to the high esteem in which it was held. I like Johnson's Early better than ever, says Mr. B. K. Green of Westover, Md., and everyone that sees it says about the same thing. It is just what is wanted to start the season for growers anywhere. I sent to Mr. Johnson for my stock and now list them at \$2.75 per thousand. We were much pleased with the berries the past season.

LOVETT. (S) No person need hesitate to plant this variety for either home use or market, as it succeeds generally in any soil or locality. It is one of the tough, hardy varieties that never disappoints the grower. It has a perfect blossom and bears heavily. The fruit is firm, medium to large size, conical, and of good color and quality. Season medium. We sell large quantities every year for fertilizers for Warfield, Crescent, etc. \$2.00 per thousand.

LADY THOMPSON. (S) A perfect flowering plant of great vigor, somewhat of Crescent type, thriving well even on quite light soil. Berries roundish conical, bright scarlet, medium to large, firm, of good quality. Ripens fruit very early, and is one of the most productive varieties known. 50c per hundred.

MARSHALL. (S) It was the first very large variety to ripen, and I think every berry came to maturity. It is of great size and very beautiful. It is scarcely ever misshapen, and the color is a rich, glossy red that every one must admire. Quality is far above the average, plant is faultless. I could not suggest a single improvement in it. Blossom is perfect and each one is followed by a berry. As to its productiveness, it will not yield as large a number of berries as some varieties but when measured in quarts or bushels it will, in my opinion, be rather above than below the average. Michigan Experiment Station for 1897 says: Another season's trial confirmed the good opinion we have formerly expressed. Large, uniform size, good quality, etc. My first stock cost me \$16.50 for 100 plants. The demand every year has been greater than the supply. \$3.25 per thousand.

MANWELL. (S) *New.* The berry is bright, glossy crimson, with seeds slightly sunken. The hull is very small and sticks fast to the fruit when picked. The Manwell is supposed to be a cross from Sharpless and Crescent, and the fruit resembles the Sharpless in shape and the Crescent in firmness and quality. The plant is very vigorous, with roots like those of Beder Wood, indicating that it will endure much drouth. It is not less prolific than Wood in number of plants produced. It is a heavy cropper, ripening soon after Warfield and Wood commence. It has a large and perfect blossom, with prominent stamens. 50 cents per hundred.

MARGARET. (S) *New.* The color is dark, glossy red, and the berries are not inclined to have white tips. For healthy, vigorous growth, productiveness, size, beauty and quality, the Margaret is a remarkable variety.

(The above is the introducer's description of whom we secured our stock.) 50 cents per hundred.

MONITOR. (S) \$3.25 per thousand.

McKINLEY. (S) New. We were much pleased with this new variety. 60c per hundred.

MICHEL'S EARLY. (S) One of the earliest varieties grown, in fact the earliest we have found. The plant is a very robust grower, strong and healthy, although plant is rather small; one of the best of the early fertilizers, as it blossoms early and late. Fruit is of medium size and good quality. Some growers that grow very early berries make much money on this variety alone. Is extra good for light sandy soil. \$1.75 per thousand.



NIC OHMER.

NIC OHMER. (S) The introducer says: "After watching the Nic Ohmer three years and hearing how it has behaved wherever I sent it for trial, never having received one unfavorable report on it. I am confident that it is one of the most desirable, if not the very best ever sent out. There is no other in the market or in sight that I would plant with as much confidence. If restricted to a single variety it would be my first choice without a moment's hesitation. It is probably not surpassed in healthy, vigorous growth and great productiveness by any variety. It has a perfect blossom. The fruit is of the very largest size, a giant among strawberries. It is never misshapen. Its only departure from the regular roundish conical form is when, under high culture, it is somewhat triangular. It is dark glossy red,

firm and of excellent flavor. Heavy call for this variety each year. \$3.00 per thousand.

PARKER EARLE. (S) This berry still takes the lead for productiveness. Plant very robust, strong and healthy; endures the extremes of heat and cold; roots very long, berries regular, conical, medium size, glossy crimson with short neck; flesh firm, seeds prominent, good shipper, season late. While recommended for light soil we have always grown it on rich, moist ground with the best results. It is not a great runner. We have always had heavy crops of this variety. \$3.25 per thousand.

RIDGEWAY. (S) Origin, Indiana. Mid-season. It is a nice, thrifty, clean grower of the Bubach appearance. Plants are good size, healthy, and make a good spread. It remains in bloom for a long time; an ideal plant. Berry large to very large, the typical form nearly round; largest specimens broadly oval, but always smooth. Color, bright, glossy crimson with golden seeds. Price, \$3.00 per thousand.

RUBY. (S) A splendid growing plant, healthy and a good runner. Berries extra large, rich dark color, very firm and enormously productive. Mid-season in ripening. A very valuable plant. 50c per hundred.

SPLENDID. (S) I have fruited it several years and can offer it to my customers with great confidence. Plant is a healthy, luxuriant grower, sends out many runners and bears abundantly. The fruit is large and far above the average in quality and appearance. Desirable for either market or home use. This variety has been tested by many of the berry experts all over the country. Season early. \$2.75 per thousand.

A NEW STRAWBERRY "THE ROUGH RIDER."

A strawberry of great promise. There are good strawberries in general cultivation now, but we believe this variety will occupy a position held by no other kind. The following points of superiority are worthy the attention of every fruit grower:

1. It has a perfect blossom.
2. The plants are vigorous.
3. It is very productive.
4. It is the firmest strawberry known.
5. It is the very latest strawberry.
6. It is the best keeper.
7. It has the finest flavor.
8. It sold above all others last season.
9. Plants are extremely vigorous.
10. It is very large and attractive.

It was shipped without ice July 12th, 350 miles in an ordinary express car and sold for 12 cents per quart. I bought 1,000 of the plants in 1900 of the introducer for \$60.00 and now list it at \$5.00 per thousand. We have an extra fine stock of this variety and cut price.



ROUGH RIDER.

SAMPLE. (P) Season very late. It was introduced three years at \$5.00 a dozen. The originator describes it as follows: "The Sample strawberry is admired by every one who has seen it. No one who has seen it has been able to criticize it. We have now watched it with the greatest interest for three years, and are not able to say that it has a single weak point. Believing that in introducing it we are advancing the interests of fruit growers and the general public, we have no hesitation in asking a consideration of its claims."

The introducer says: "Large size and fine quality, quite firm; continues a long time in fruit. The berries are large to the last. For the market men it is the best strawberry ever grown. I have nothing in my grounds that will begin to fruit like it. It will yield as many berries as the Haverland and will average as large as the Bubach. Colors all over at once. A berry that will do that is the best one found yet. There is not a weak spot in it. Foliage perfect, fruit perfect. Needs no petting." We find it one of the best. \$2.75 per thousand.

SENATOR DUNLAP. (S) It gives me great satisfaction to offer this new strawberry to my customers, for I believe it will bring pleasure and profit to those who grow it. It has been well tested and has made a good record in every instance. It was originated by Rev. J. R. Reasoner, of Illinois, and is now first offered. It has fruited here and I fail to discover a single fault. It is a berry to grow for either home use or market. My opinion is that the fortunate ones will be those that get a start at the earliest opportunity.—M. Crawford.

"To me the most important result of my observations this season is the conviction that the **Senator Dunlap** is now the greatest all-around variety ever introduced. What I have seen and heard heretofore led me to this belief, and now it is confirmed. I believe the Senator Dunlap will take its place, not with the Haverland, Bubach and Clyde, for it is in a class above them, but at the top of the class that contains the Wm. Belt Sample and Nic Ohmer. In size it is not the equal of any of these, but aside from size, it has more to recommend it than any other variety now on the market with which I am acquainted. It is of the Warfield type, has a perfect blossom, is hardy, productive, a splendid keeper and able to hold its own under any 'rough-and-tumble' methods of culture to which it is likely to be subjected." From Crawford's July report on strawberries. Price reduced to 50c per hundred; \$2.75 per thousand.

SHARPLESS. (S) One of the old, well-known varieties, adapted to clay or moist soil. Very large and of good quality, but blossoms are tender and liable to kill with spring frosts; a good fertilizer. It pays to protect its blossoms in spring by a mulch. 50c per hundred.

TENNESSEE PROLIFIC. (S) Is one of the good medium early varieties, large size and quite productive. It is a very vigorous, healthy plant, with never a spot of rust. It has a strong staminate blossom and is especially valuable as a pollinizer. This variety is largely grown in the vicinity of Norfolk, Va., one of the largest strawberry sections in the world. \$2.75 per thousand.

WM. BELT. (S) Originated in southern Ohio by Wm. Belt. The plant is one of the largest, a very luxuriant grower. Has a perfect blossom and is very productive, much more so than the Bubach. It is very large indeed. With good, ordinary culture it has produced a good many 8-inch berries on spring-set plants within ten weeks from planting. The first berry on the stem is quite apt to be coxcombed, but those following are rather long, conical, and quite uniform in shape and size. The color is bright, glossy red, and colors all over. It is as firm as ordinary berries, and of better quality than is often found in large varieties. In productiveness, size, beauty and quality, the Wm. Belt will scale higher than any other variety I ever raised.—*M. Crawford.*

Wm. Belt is the only variety tested that compares favorably with Parker Earle for a late market sort.—*Wisconsin Experiment Station Report, 1897.*

We bought a stock of the introducer when it first came out, and have fruited it for some years very profitably. The demand for plants is always very heavy. Price, \$3.00 per thousand.

WARFIELD. (P) This is a grand berry, one of the best of the standards. We sell more plants of this than of any other every year. Resembles Wilson, but is a heavier bearer and better plant maker, and better shipper. Plants are small, more like Crescent; requires a strong staminate about every third row for best results. \$2.00 per thousand.

WOOLVERTON. (S) This is a grand berry, seems to succeed everywhere. It is a fine pollinizer for medium to late pistillates; it blooms a long season and is very potent in pollen. Large, very productive, from mid-season to late. \$2.50 per thousand.

KANSAS. (P) This is the berry for which Allen, of Maryland, paid \$100 for twelve plants. He describes it as follows: "The Kansas originated in the state from which it takes its name. The plant is an extremely vigorous grower, as free from rust or disease of any kind as was ever grown. Its drouth resisting qualities are surpassed by none. Its blossoms are pistillate. Its fruit is a brilliant crimson, not only on the surface but through and through. Time of ripening, medium late. It is quite productive, of fine medium to large berries that show up well in the baskets and attract the best buyers. The berry is firm enough to make a good commercial variety and as soon as its merits become known we shall expect to see it ranking high among the standard market berries." 75 cents per hundred.

PARSON'S BEAUTY (S) Crawford says, is one of our best berries, as it was last year. It is a fine, healthy plant and a most abundant bearer. The fruit was large and continued so to the end of the season. There were almost no small ones. With the exception of the Miller and the Challenge, it was perhaps the most popular bed in the whole plantation. It is conical and very regular in form, glossy red, and of fair quality. Taking all things into consideration, it is one of our most valued market berries. 75 cents per hundred.

DOWNING'S BRIDE (P) We regard as one of the most valuable ever sent out. The plant is as strong and healthy as that of the Nick Ohmer, and looks like it. It is an enormous bearer, and the fruit is very large, conical, dark glossy red, unsurpassed for beauty, and of excellent quality. We hear good reports of it from many points. It came through the great drouth in Michigan better than did any other of a large collection. (Crawford's report.) 75 cents per hundred.

GIBSON (S) Held up its reputation by proving again its great productiveness of large, fine looking berries of good quality. Its season is second early. It is a splendid grower and is destined to become one of the popular varieties. 75 cents per hundred.

NEW YORK. (P) This is the big fellow that won the \$100.00 in gold which was offered in 1897 for twelve plants of any variety of strawberry that would produce as much fruit of as large size and good quality as the Glen Mary. There were a good many new varieties put in competition for this prize, but none of them came anywhere near winning it except this big fellow which was named "New York," in honor of the state in which it originated. Growth of the plant is very large and stocky, equaling in this respect the very largest. We can easily tell the rows of New York in our new setting 30 rods off as the plants are so much larger, and for health and vigor we have yet to see one that surpasses it. It also stands drouth extra well. Season medium, color dark scarlet changing to crimson when fully ripe. Colors all over at once, no white or green tips. Usually perfect in shape and very productive and firm. The New

York is a seedling of Bubach No. 5 fertilized with Jessie, and is one of the best varieties for hill culture. Do not leave this variety off your list for you will surely make a big mistake by so doing. Doz., 35c; hundred, 75c; thousand, \$4.25.



Varieties marked (P) are "Pistillate," and should have about every fourth row set to some staminate variety for a fertilizer. Those marked (S) are "Staminate," and good fertilizers. Set early staminates with early pistillates and late with late, etc. All plants are trimmed and tied in bunches of 25.

Six of a variety at dozen, 50 at 100 and 500 at 1,000 rates. At dozen rates we pay the postage. At 100 rates to go by mail add 25c to each hundred; at 100 and 1,000 rates to go by express or freight, charges to be paid by the purchaser. It costs no more to pay on receipt of goods than on shipment, but I have to guarantee all charges. When ordering please state how you wish your plants sent. When you don't state I use my best judgment for your interest, and generally hit it. If not, don't grumble. Those ordering early receive a discount if mentioned when ordering. Do not wait till the busy season, as many orders cannot be filled in full then, as some varieties will be exhausted. Order now. Orders received before March 1st are designated as "early order."

Early Orders for Strawberries.

As it is a great saving in expense to many purchasers to have their strawberry plants shipped by freight instead of by express, we would advise ordering early, and if the ground is not in condition to plant when they arrive—too wet or not prepared—a very easy method can be used to keep them, which will be a great benefit to the plants as follows: Take each variety, a bunch at a time, cut string, and spread roots very thinly along the side of a shallow furrow, then cover roots with dirt not higher than the crown of the plants. Give partial shade and if ground is dry water the roots only. In a few days they will have taken hold, or rather sent out little white fibrous roots, and will be in better condition for transplanting than at first. This method is sometimes recommended for strawberries even when the ground is in condition or could be ready to plant when they arrive. So do not wait until late in the season, when the strawberries have started to grow, and then have them shipped by freight, as after they have started to grow it is not as safe to send by freight.

A NEW STRAWBERRY.

(ORIGINATOR'S DESCRIPTION.)

THE STAHELIN (P) Strawberry is a seedling found growing where there was no bed, among a lot of brush that had never been cleared. Its remarkable size, color and large clusters of the most perfect looking berries I had ever seen led me to believe that if I could get a lot of such berries it would be just the thing for market. I took the plant and set it out and it made a nice lot of runners and the following season it bore a large crop of nice fruit. I then sent it to the Michigan Experimental Station and the South Haven station for trial and the results were so good that I waited for another year's test and the results were as good or better. I then sent them to the Geneva Experimental Station at Geneva, N. Y. and the Purdue Experimental Station in Indiana. Of fifty kinds tested at Geneva the Stahelin stood second among all varieties fruited and of the eight picked out of the lot that would rank as early, the Stahelin was placed at the head with a production of 250 ounces, while the next best variety of the above eight only produced 142 ounces; it more than doubled in production any of the early varieties, and the Station recommended the Stahelin for trial as an early market variety.

Prof. Throop of Purdue wrote me that the Stahelin was "among the best at the Station." Prof. L. R. Taft writing to corresponding editor of Orchard and Garden says, that for a berry of high quality he knew of nothing better than Stahelin, a berry of great plant vigor, healthy, large, productive, regular shape, good color (very dark crimson) very firm—in fact the very best thing he knew of.

The plants are large and healthy, never saw any rust, or sign of disease among them. Will grow and do well anywhere, are good on sand or heavy land, have been tried at different experiment stations and the results have been most satisfactory. The plants have roots oftentimes 10 inches long and are able to stand almost any kind of dry weather. This last summer I had to watch my Stahelin rows for the pickers would jump other rows to get to them, they were so nice. A three-year-old bed produces as good or better than a year old setting.

F. C. STAHELIN.

AGRICULTURAL COLLEGE P. O., Feb. 5.

Mr. Eli Minich, Corresponding Editor of Orchard and Garden,

DEAR SIR:—Your request for a list of varieties of strawberries of high quality is at hand. Best of all is a variety, "The Stahelin," from F. C. Stahelin, Bridgman, Mich. Plant strong, healthy and productive. Berries large, regular, good color, firm and of excellent quality. The best thing I know of for your purpose.

Yours very truly,

L. R. TAFT, Horticulturist.

From bulletin 147, report of New York Agricultural Experiment Station, 1898: "Stahelin, (P)—Blossoms with Beder Wood. Plants vigorous and good plant makers. Fruit stem long and erect. Fruit medium or above, roundish conical, good scarlet color, moderately firm, quality good. Ranks second in productiveness among all the varieties fruited on station grounds in 1898 and first in the amount of early fruit produced. Recommended for trial for an early variety."

I was in Mr. Stahelin's strawberry field last year when this berry was in fruit and I was surprised at the large amount and excellent quality of the fruit and have made arrangements to introduce the stock at the following low price for so valuable a variety and I would advise my customers to try a hundred, or at least a dozen, which we think will prove much more valuable than those sent out at double the price. The stock is limited. First come, first served. Dozen, \$1.50; hundred, \$8.00.

Raspberries.

If to be sent by mail add 40c per 100; at dozen rates mailed free when desired. At 1,000 rates by freight or express only.

CUMBERLAND.—(Trade mark) The "Business Black Cap." Largest black raspberry known. Fruit sold for 10c per quart when other varieties were selling for 5 to 7c.

This new raspberry is placed upon the market after having been thoroughly tried for a long period of years. It is now offered with the full assurance that it is the most profitable and desirable market variety yet known, because of its immense size, firmness and great productiveness, well entitling it to the above designation, "The Business Black Cap." Its qualities we take up in what we consider the order of their importance, mentioning first of all that of



CUMBERLAND.

HARDINESS.—The Cumberland has undergone a temperature of 16 degrees below zero unprotected, without injury—a temperature which badly crippled similarly situated plants of Gregg, Shaffer, Cuthbert, etc. In this most important respect, therefore, this new berry will not be found wanting.

PRODUCTIVENESS.—The Cumberland is of wonderful productiveness, producing regularly and uniformly very large crops.

QUALITY.—In quality it is similar and fully equal to Gregg, which has always been considered the finest of the black caps in this respect.

Ripens before Gregg. We bought our stock of plants of the introducers. Dozen 75c; hundred \$2.50.

CUTHBERT.—(Red) Leading late market variety all over the country, strong grower, very productive, fruit firm, large size and of good quality; season medium to late. 35c per doz.; 75c per hundred; \$5 per thousand.

LOUDON.—"The finest red raspberry we know of."—*Rural New Yorker*. This raspberry ripens moderately early, and holds out very late; it is highly productive, claiming to exceed all other red raspberries in this respect. Firm as any other raspberry, a good shipper; large, of superior quality, and an attractive crimson color. The bush is thornless and hardy. We list it very low this year, viz. \$1.00 per doz.; \$1.25 per hundred; \$10 per thousand.

GREGG. (Cap.)—Very best of late blackcaps, very large, wants good soil to produce best results, fruit very fine and covered with bloom. It is [the leading market variety all over the country, best for evaporating of any variety as it is said to give most pounds to the bushel of any kind. 35c per doz.; 75 per hundred; \$6.00 per thousand

MILLER. (Red.) This new berry is early, very hardy and does not winter kill. It is creating quite a furore through the country. This is an extra fine berry. None will be sorry for planting it. 75c per hundred; \$5.00 per thousand.

SHAFFER'S COLOSSAL. (Purple) An immense Raspberry in both cane and fruit, equally adapted to the north or south. Enormously productive. Berries are large, of a purplish color, but luscious and rich; best for home use grown. Although classed with the reds it does not sucker like them; grows from the tip the same as black caps. 75c per dozen; \$1.00 per hundred.

THOMPSON'S EARLY PROLIFIC. A seedling red raspberry originated by M. T. Thompson, who claims it to be one of the best early sorts. Dozen, 25c; hundred, 50c; thousand, \$4.00.



KANSAS. (Cap) This new variety is now a general favorite with growers all over the country. We know of nothing better, in fact none so good in the way of black raspberries. It possesses more good qualities and is, without exception, in our opinion, the best black raspberry in cultivation today. Described as follows: Ripens just after Souhegan, berries as large as Gregg, jet black, firm, handsome and of the best quality; bush a strong grower, holds its foliage until frost; stands drouth and cold, very productive. We find it even better than we expected. It is about as large as Gregg, early and very productive. Strong, healthy canes; makes plenty of strong tips. 35c per dozen; 75c per hundred; \$6.00 per thousand.

EUREKA. (Cap, new early) Extracts from a paper read by Prof. W. J. Green before the Ohio Horticultural Society: "I am of the opinion that an acre of Eureka would yield as much as an acre each of Palmer and Gregg combined." Prof. Green made the same statement in Ohio Farmer. 35c per dozen; \$1.00 per hundred.

NEMAHA. (Cap) The Nemaha is an excellent, large, black, good quality, late variety. The very fact that it is considered to be better than the Gregg is enough to cause it to be planted by every grower of black raspberries desiring a late variety. In Wisconsin large fields of the Nemaha are seen. It originated in that state. 75c per hundred; \$6.50 per thousand.

CONRATH. Bulletin III of the Michigan Experimental Station says: "The plant is fairly vigorous, very productive, the fruit of large size, moderately firm, nearly coal black and parts readily from the core. Although early it has a long season and holds its size well to the end." 35c per dozen; per hundred, 75c; per thousand, \$6.00. This berry is now one of our best.

MUNGER. Two years ago we purchased a stock of this new berry from the introducer and have grown a stock of plants which we offer as follows: Doz., 50c; hundred, \$1.50; thousand, \$12.00.

DESCRIPTION.—The fruit of Munger is black and resembles Gregg very much. It is a better flavored berry than Gregg, tougher in texture, and therefore a better shipper. In size it excels Gregg by almost 25 per cent., being extra fine for canning and evaporating. Its season of ripening is from five to eight days later than Gregg, and has a special faculty of withstanding drouth and sun. The past season when most others were dry and seedy, Munger ripened up sweet and juicy and readily brought an advance of 50c per bushel over other kinds. The canes, too, resemble Gregg, are free from disease, upright in growth, and have never yet been affected by the cold of winter.

TROY, OHIO.

The largest, best flavored and most productive berry I have ever seen.

JOHN PEIRCE,

President Miami Co. Horticultural Society.

"Many of Them Measure One Inch in Diameter."

BRADFORD, OHIO.

On two plants of the Munger raspberry I gathered the largest berries I ever saw; many of them measuring over one inch in diameter. Quality is excellent. Hardy and prolific bearers.

S. B. CHRISTIAN.

"The Largest Black Raspberry He Ever Saw."

EUCLID, OHIO, July 6, 1896.

Dear Sir:—The sample of Munger raspberry received in good condition. They were the largest black raspberries I ever saw. Other points being strong, I should consider this a valuable variety.

E. H. CUSHMAN,

President Ohio State Horticultural Society.

CARDINAL. (New, Purple Cap) I bought two plants of this variety for \$5.00 two years ago. It is very highly recommended. We now offer dozen, \$1.00; hundred \$4.00.

COLUMBIAN. (Purple) The Columbian is a new variety of the Shaffer type, of remarkable vigor and productive. It is very hardy and propagates from tips. Fruit very large, often an inch in diameter, shape somewhat conical; color dark red bordering on purple; adheres firmly to the stem, and will dry on the bush if not picked; seeds small and deeply imbedded in a rich, juicy pulp with a distinct flavor of its own, making it a most delicious table berry. We have an extra fine stock of this variety. I consider it much better than Shaffer on account of its hardiness and vigor of cane. Dozen, 35c; hundred, \$1.25; \$11.00, thousand.

Six of a variety at dozen rates, 50 at 100 and 500 at 1,000 rates. At dozen rates we pay postage. At hundred and thousand rates, by express or freight, charges to be paid by purchaser.

Blackberries.

SNYDER. Very popular for the north and northwest, on account of its extreme hardiness; wonderfully productive, size medium, fruit juicy and sweet, without the hard core of many sorts, canes remarkably strong and thrifty, more largely planted than any other of the iron-clad varieties. We have a heavy demand for them every year; season early. We sell more of this variety than any other. 50c per dozen; 75c per hundred; \$6.50 per thousand.

KITTATINNY. Unexcelled for main crop. Berries large, handsome, delicious flavor, canes strong, erect and very productive; season medium, needs some protection in extreme north, is liable to rust on low land. 50c per dozen; 60c per hundred; \$5.00 per thousand.

TAYLOR'S PROLIFIC. Nearly hardy as Snyder, with berries larger and of fine quality, sweet and juicy, canes of strong growth, of especial value for planting at the north, suited to low, moist ground; canes of greenish yellow. The demand is heavy for these every year. 50c per dozen; 75c per hundred; \$6.50 per thousand.

EARLY HARVEST. One of the earliest blackberries in cultivation, a compact dwarf grower, fruit rather small and of good quality, heavy bearer. Its extreme earliness makes it a profitable variety; not hardy. Has to be laid down. Blossoms stand the spring freeze the best of all. 50c per dozen; 60c per hundred; \$5.00 per thousand.

ANCIENT BRITON. We have a small stock of this very hardy variety, which we will sell as long as stock lasts at \$1.25 per 100.



WILSON'S EARLY. One of the largest and most productive of the early sort, produces fruit in large clusters, sweet as soon as black, holds its color well after picking, needs protection at the north. 50c per dozen; 75c per hundred; \$5.00 per thousand. It is the best shipper there is. Very profitable.

ERIE. Resembles Lawton in form and productiveness, but ripens earlier and is "iron-clad," fruit shiny, jet black, delicious flavor. Extra fine suckers \$1.00 per 100.

WILSON'S EARLY. **MINNEWASKI.** New. Large, productive and quite hardy; fruit round and of very good quality; bush a rank grower; desirable for market or home use. Our Minnewaski continues to be a great favorite with us. The longer we grow it the better we like it. 75c per dozen; \$1.25 per hundred.

ELDORADO. Is as hardy as Snyder, is a larger berry and of best quality. Has been cultivated 12 years and never winter killed. H. E. VanDeman, National Pomologist, says: "Never have I tasted anything equal to Eldorado." I have fruited it and find it hardy and fine. We bought our first stock of the originator. Our Eldorado field this year was a sight to see; fruit good size, and firm and heavily loaded. Best shipper next to Wilson, very profitable. \$1.25 per hundred; extra fine suckers, \$10.00 per thousand.

OHMER. New, 75c per dozen. Fine. \$1.25 per hundred.

EARLY KING. An extra early blackberry, exceedingly hardy variety of great merit. Needs no winter protection, always producing large crops. Canes of a strong growth, as hardy as Snyder and very prolific. It is larger than Early Harvest and its delicious sweetness renders it of special value for home use of market. It is also free of double bloom and other disease, will go through hard spring frosts in blossoming time without injury. Those who have tried this variety are well pleased.

The Michigan Experiment Station reports upon them as follows:

"Early King. Large, vigorous and productive. They are worthy of extensive trial." Dozen, 75c; hundred, \$1.50; thousand, \$10.00.

Six of a variety at dozen, 50 at 100 and 500 at 1,000 rates. At dozen rates we pay postage; at hundred and thousand rates, by express or freight, charges to be paid by purchaser.

Dewberries.

Plant in rows six feet apart with plants three feet distant in the row. Keep the soil well cultivated.

LUCRETIA DEWBERRY. Claimed to be the best of the blackberry family. Berries are far larger and incomparably better than any blackberry; of unequalled excellence; soft, sweet and luscious throughout, of brightest glossy black color. The Lucretia Dewberry has received the endorsement and highest praise from the best horticulturists in the country. Its eminent success in all soils is something phenomenal in small fruit culture. Its trailing habit renders it less liable to winter kill. 50c per dozen; 85c per hundred; \$7.00 per thousand. Fine transplants, \$7.50 per thousand.

Currants.

RED CROSS.—Jacob Moore, the originator, says: "Red Cross clusters are long and have well-necked berries double the size of Victorias, and far superior to Cherry or Victoria. Nothing will compare in quality with Red Cross but White Dutch, which is too small. Red Cross was first fruited in 1889. I have seen the fruit growing in such masses as to hide the upper branches from view. It is later than Cherry; the plant makes twice the growth of Cherry and yields two or three times as much fruit. I recommend it with confidence. I consider Red Cross one of the best of the new currants." Two years No. 1 bushes, 75c per doz.; \$3.75 per hundred.

VICTORIA.—We have a few thousand plants of this vigorous late variety that is becoming more popular every year. It is now considered the most valuable of any of the older sorts. Is not affected by the borer like some of the others. 50c per doz.; \$1.50 per hundred. Fine two year old plants \$2.50 per hundred.

LONDON MARKET.—A fine new variety, a strong grower, large fruit and very productive. Holds its foliage late and is not liable to attacks of worms and borers. One year old \$2.75 per hundred. We picked 100 cases from a patch one year from setting of extra fine fruit.

Gooseberries.

DOWNING.—We have a fine stock of the most popular all around berry for both home use and market in the country today. Plants 2 years old, No. 1, \$3.25 per hundred.

Grapevines.

The grape is a very satisfactory fruit to raise, as it can be put to so many different uses. It can be confined to a stake, bound to a trellis, trained over an arbor, or to cover a large building, and under all conditions will yield its delicious fruit. No fruit will give better returns for close attention and kind care, and good

returns can be had from soils that are unfit for any other crop. The side of a hill freely exposed to the sun and air is an ideal place for grape culture, whether the soil be sandy, clayey or loamy.

BLACK GRAPES.

CHAMPION.—A large grape, clear of rot and very prolific; early. Two year old, 75c per doz.; \$3.00 per hundred.

MOORE'S EARLY.—Very large; a fine grape for home or market; early. 2 year old, 75c per doz.; \$4.25 per hundred.

CONCORD.—A large, purplish black grape, ripening about the middle of September; vines remarkably vigorous and free from disease; the standard for productiveness and hardiness all over the country. 1 year No. 1, 60c per doz.; \$2.00 per hundred; 2 year, No. 1, 75c per doz.; \$3.00 per hundred.

WORDEN.—An improved Concord, being larger in both bunch and berry, handsomer, and nearly two weeks earlier and better quality. As it is difficult to grow, many vines of Concord are sold for it. Fine plants, 75c per doz.; \$2.75 per hundred; 2 year \$3.75 per hundred.

NIAGARA.—One of the best known whites. A splendid table grape; medium. 10c each; 2 year old. \$4.00 per hundred.

Seed Potatoes.

We have a small stock to offer which we will sell at prices quoted as long as stock lasts.

CARMAN No. 3. Doubtless one of the most popular late potatoes of the newer varieties, and certainly one of the most worthy. It yields great crops of fine, large, smooth potatoes, even under the most unfavorable circumstances, and can be relied upon to bring in money. It was introduced in 1895 as "as the handsomest large potato ever produced." It was claimed that it would "outyield any other potato whatever," and that "practically every potato is of remarkable size." Usually ahead of all others in yield, smooth and nice and of excellent quality. It grows a very strong upright top with dark colored stalks and purple blossoms, and is little affected by drouth, blight or bugs. Price, peck, 40c; one-half bushel, 60c; bushel, \$1.00.

RURAL NEW YORKER No. 2. Fine stock. Per bushel, \$1.00; peck, 40c; one-half bushel, 60c.

A Word to Patrons.

WHEN writing, please sign your name plainly. Be sure to give your post-office, county and state. Every year we receive letters with postoffice or state left off—many times no signature. Use order sheet and return envelope, fill out carefully and much trouble will be avoided. Don't fail to read our unsolicited testimonials.

References. As to our standing and reliability we refer, by permission, to the Postmaster, Express Agent or any merchant in Bridgman; John F. Gard, county treasurer, St. Joseph, Mich.; A. L. Church, county clerk, Fred B. Collins, sheriff of Berrien County; St. Joseph, Berrien county; Leonard J. Merchant, editor and proprietor St. Joseph Saturday Herald; Commercial National Bank and Dix & Wilkinson, Abstract Office, St. Joseph, Michigan.

Advertisements. The advertisers found in our catalogue, we think are all perfectly reliable. Most of the parties we have had dealings with for years. Colby-Hinkley Co. are old, well known and reliable package manufacturers. The papers advertised are best in their class. The officials of the Commercial National Bank are gentlemen.

Large Bills. If you need large bills of strawberries do not forget to write early for estimates. We can, of course, sell 10,000 cheaper, accordingly than 1,000 and 100,000 cheaper, accordingly than 10,000, if ordered early. Some nurserymen will warn you against low priced plants. Many of them buy stock of us and sell at double our price.

O. A. E. BALDWIN, Bridgman, Michigan.

Unsolicited Testimonials.



Winnebago Co., Ill., Dec. 14, 1901.

Please ship me by express for spring planting 32,000 strawberry plants (at 1902 prices). * * *
P. S. I believe in sustaining the moral element in business, and I give my patronage to those who work on that basis. Your plants have always been *good quality* and *true to name*, and I have been pleased with them, and am not afraid to trust you with this early remittance for same.
A. J. Swezey.



Dubuque, Iowa, March 9, 1901.

Enclosed please find check for plants. Pack same as last year each man's order by itself. Ship by freight. My customers were well satisfied with their stock last year.

W. H. Riemann,



Elk Co., Kansas, Jan. 26, 1901.

Enclosed please find postoffice money order to pay for plants. * * * I thank you for the fine plants you sent me last spring. I have picked from plants bought of you as high as 750 crates to the acre.
J. C. Cutler.



Riverside, Vt., Oct. 21, 1901.

A year ago last spring I purchased a bill of strawberry plants of you which did finely, in fact far exceeded my most sanguine expectations. Please do not fail to send me your 1902 catalogue.
C. W. McBride.



Chatham, Ont., April 29, 1901,

I have delivered part and they were all well pleased with them. They are in splendid condition. The express deliverer says: "I tell you that firm understand their business." He has this spring received plants from some smoking hot and mouldy.

Mrs. E. McKeacker.



Augusta, Ark., Oct. 5, 1901.

Enclosed find check for plants to be sent at once by express. I bought plants of you three years ago and all who saw them said they were the largest bodied plants that had ever been shipped here.
Mrs. G. W. Hatch.



Grafton, N. D., March 28, 1901.

Enclosed find order. * * * Your plants are always good. I recommend your firm.



Center Point, Tex., Nov. 4, 1901.

Just received the plants (4,000) in good condition. Am well pleased with them.
G. C. Woods, (Manager.)



Clarkston, Wash.

I received the plants all O. K. in fine shape.

J. J. Frost.



Ada, Ohio, May 5, 1901.

Plants came to hand promptly. They are as nice as any one could wish, handled with care, packed by an expert and shipped by an honest, liberal man. Thanks.
E. B. Mann.



Antonio, Mo., Sept. 16, 1901.

I could get plants from some nurseries cheaper, but want *good plants*. You have always send me *good plants true to name* and that is what I want.
X. F. Klabbe.



Hamsbury, N. Y., Feb. 18, 1901.

Here comes our 4th order, \$13.03, for more of your nice, *healthy vigorous* plants. We have always been well pleased with your dealings with us as have been several of our neighbors.
John E. Dorst.





Pierce, Co., Neb., March 23, 1901.

I have purchased plants of you a number of times and in every case they were entirely satisfactory. I have recommended you to my friends. I am a progressive, up-to-date farmer. "I lead and others follow," in my business, same as you in yours. Thanks for your honest straight-forward dealings.
G. L. Brokaw.



The Fruit Growers' JOURNAL

 Now in its 19th Year 

Is a **Six Column, Eight Page**, all around **Fruit Growers,'** Farmers,' and Homekeepers' paper. It is published at Cobden, Illinois, the center of the

Fruit Growing Interests of the West.

Its editor is, and has been, for more than thirty years, a grower of fruits and vegetables for market purposes, and knows from practical experience the

Fruit Growers' Needs.

It deals with every phase of the fruit and vegetable industry from the field to the market; including varieties, cultivation, transportation, and the final sale in the market. It tells the growers who they may safely send their goods to in the cities of the country; guards them from the wiles of "snide" commission houses; and gives just the information the grower needs, whether he be an amateur or professional, an orchardist, vineyardist, a plant or

Berry Grower or Market Gardener.

THE JOURNAL is published at the nominal price of 50 cents per year. Send for free sample copy.

DR. A. M. DuBOIS,
COBDEN, ILLS. Editor and Publisher

When writing to advertisers please mention this catalogue.

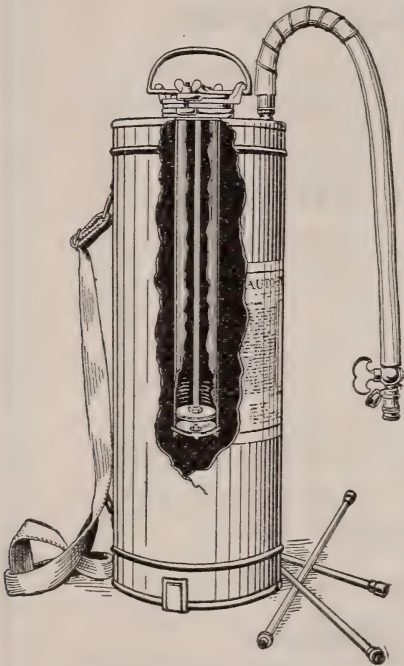
The "Auto-Spray"

A Self-Operating or Automatic Sprayer

Combines every conceivable point of excellence, including economy, durability, low price, and ease in carrying and operating.

It is Fully Protected by Patents.

A FEW STROKES of plunger in air chamber will compress enough air to discharge the entire contents, and make a continuous spray for nine minutes. This means that the "Auto-Spray" can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a quarter acre of potatoes.



Auto-Spray No. 1

The size of the tank makes it possible to compress the air easily and quickly; also the small size enables the operator to agitate the contents by simply rocking the machine. This is not possible where reservoirs of larger capacity are used, and by use in connection with a barrel, every advantage of capacity is obtained.

WE REPEAT that "Auto-Spray No. 2" is the ONLY SUCCESSFUL machine of barrel capacity which has ever been used in connection with compressed air.

"Auto-Spray No. 1"

is the most suitable machine for small fruits, potatoes, and for use as a FIRE EXTINGUISHER. It may also be used to spray small orchards. It is made in both galvanized steel and brass; and by the aid of three lengths of extension pipe, which we also furnish in galvanized steel and brass, a spray can be thrown 27 feet.

"Auto-Spray No. 2"

This machine is made of brass only, and in one style. It is the FIRST SUCCESSFUL, automatic compressed air machine for LARGE USES.

It has the additional advantage that it may be used exclusively as "Auto-Spray No. 1," by simply removing the lever and all other attachments not shown in the cut representing "Auto-Spray No. 1." It is fitted with carrying strap, the same as "No. 1."



Auto-Spray No. 2

“Auto-Spray No. 3”

THIS machine has a capacity of one half “Auto-Spray No. 1,” and is made in both galvanized steel and brass. It is made with the same care and high class of workmanship and material as “No. 1,” but has no hose connection or cock; and the pump cylinder in the galvanized steel machine is made of extra heavy double cross tin, coated with our acid proof covering. The brass machine has a brass cylinder,—in fact, it is all brass except the handle parts.

“Auto-Spray No. 3” should be used only for small fruits, vines, and other low down work.



THE AUTO-SPRAY PRICES.

Auto-Spray No. 1, Galvanized Steel Tank,	- - -	\$ 4.50
Auto-Spray No. 1, Brass Tank,	- - -	6.00
Auto-Spray No. 2, Brass Tank with agitator (no barrel),	- - -	11.00
Auto-Spray No. 2, Brass Tank with agitator (with barrel),	- - -	13.00
Auto-Spray No. 3, Galvanized Steel Tank,	- - -	1.75
Auto-Spray No. 3, Brass Tank,	- - -	2.75

O. A. E. BALDWIN,

BRIDGMAN,

- - -

MICHIGAN.

Unsolicited Testimonials.

Enclosed please find draft. The plants you sent me three years ago were the best plants I ever bought of any one.

Bridgeport, Ct., Feb. 2, 1901.

Eustus Sherwood.



Plants arrived in good condition. I am more than satisfied with them.

Big Horn Co., Wyoming, May 5, 1901.

Joe. Vogle.



Plants arrived in fine condition. Thanks. Hope to do more business with you next season.

Rochester, Minn., May 17, 1901.

Louis Anderson.



Enclosed find check. * * * I have been buying plants of you for seven or eight years and I want to say that it is a pleasure to set out such plants as you send out.

Monroe Co., Mo., March 18, 1901.

B. A. Bixler.



Plants arrived O. K. and am well pleased with the strong plants.

“On the Rhine” Fruit Farm, S. D., October 30, 1901.

Fred Noerenberg.



The strawberry and raspberry plants I received from you last spring, were the finest I ever saw and never in my life have I seen such a growth as they made. I wish you the best of success.

Greensburg, Ky., February 5, 1901.

B. F. Hatcher,

Inventor of the Vertical Rail and Wire Loop Fence.



I send you another order for plants this year. The plants I got of you last year was all that I could expect. Every plant grew after being on the road several days.

Denver, Colo., Feb. 20, 1901.

R. Edwards.



Ordered some strawberry plants from you two years ago, and they were the best plants I ever received from any nursery.

Falls Church, Va., Feb. 4, 1901.

W. T. Wescott.

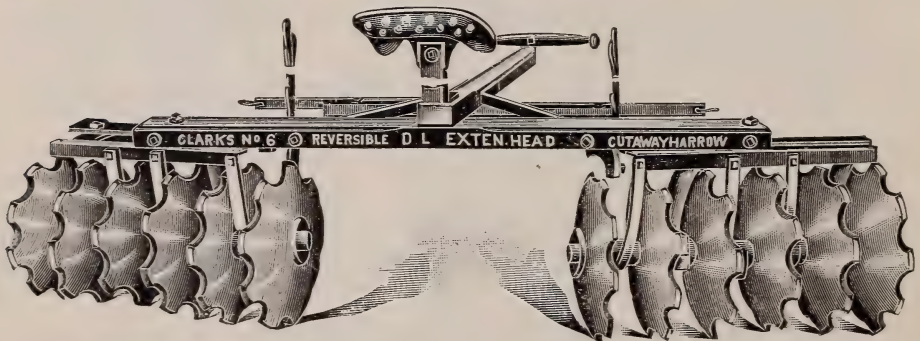
The Fruit Growers' Supply Depot has

Valuable Specialties. Send for printed matter to

E. G. MENDENHALL, Kinmundy, Ills.

The Clark's Cutaway Extension Head Orchard Harrow

Never yet failed to give satisfaction to those who used it. It throws to or from the trees, being reversible.



The A 6 Reversible

We are also making a reversible cutaway for one horse use ; three disks on a side, to use in the cultivation of strawberries and other small fruits, as well as other things needing narrow cultivation. They cut three feet. Every grower should look these machines up. Send for circular and prices to the General Agent,

E. G. MENDENHALL, Kinmundy, Ills.

Send for sample copy "Our Horticultural Visitor," at the same time, same place.



THE National Fruit Grower

Is the Largest Horticultural and Fruit Trade Publication West of New York. Published monthly at

ST. JOSEPH, MICHIGAN

Keeps you posted on Horticulture, Crop Conditions, Prices of Fruit Products in the Different Markets, Fruit Trade Matters, Diseases of Trees and Plants and Treatment of same. You will like it, if you grow a tree or vine. It deals with every phase of the fruit industry from the field to the market, including varieties, cultivation, transportation,

Subscription Price **50 cents a Year**

and the final sale in the market. It tells the growers who they may safely send their goods to in the cities of the country, guards them from the wiles of "snide" commission houses, and gives just the information the grower needs, whether he be an amateur or professional. Publishes market reports from different cities, giving a summary of prices.

THE NATIONAL FRUIT GROWER

is one of the most practical and progressive Fruit Papers published.

Contains each month information worth many times the subscription price

Samples Free AGENTS WANTED everywhere Good Wages Guaranteed

Send for it to-day. It will please you.

Address NATIONAL FRUIT GROWER, St. Joseph, Michigan



O. A. E. BALDWIN—I enclose order for plants. The plants I bought of you last spring were fine and bore a splendid crop last season. CLINTON Co., N. Y., April 17, 1901. CARRIE E. MATHEWS.

The Practical Fruit Grower

FORMERLY THE SOUTHWEST

Twice a Month. Sixteen 4-column Pages.

Eighth Year. 75 cents a Year.

PRINTS more horticultural matter than any other paper east of California. Ablest writers. Never a line of plate matter. Gives especial attention to presenting practical experiences. Advocates co-operation, home evaporators and canneries. Works for results. Hundreds have written, unsolicited: "We think more of the Practical Fruit Grower than of any other fruit paper." Special attention to apple, peach and small fruit growing. Sample copies FREE. Strawberry special of 40 pages, June, to all subscribers to others, 10 cts per copy.

(Mention this catalogue) G. A. ATWOOD & SON, Springfield, Mo.

Potato Planter

It marks furrows, drops and covers the seed—all in one operation, and drops the seed 14, 16, 18½ and 20 inches apart. The most scientific potato planter ever introduced. For circulars, address

G. R. STEITZ, Station D. R. No. 3, MILWAUKEE, WIS.



Prices of Strawberry Plants for 1902.

	DOZ.	100	1000
August Luther, (S).....	\$. 25	\$. 60	\$3.00
Aroma, (S).....	.25	.50	3.25
Bennett Seedling, (P).....	.25	.50	3.00
Brunette, (P).....	.25	.75	---
Bubach, (P).....	.25	.50	3.25
Beder Wood, (S).....	.25	.50	2.50
Bisel, (P).....	.25	.50	2.50
Barton's Eclipse, (P).....	.25	.50	2.50
Brandywine, (S).....	.25	.50	3.00
Bismarck, (S).....	.25	.50	2.75
Bush Cluster, (S).....	.25	.60	3.00
Carrie, (P).....	.25	.50	3.00
Crescent, (P).....	.25	.40	2.00
Columbian, (S).....	.25	.40	2.25
Clyde, (S).....	.25	.50	3.00
Enormous, (P).....	.25	.50	3.00
Excelsior, (S).....	.25	.50	2.50
Greenville, (P).....	.25	.50	2.75
Gandy, (S).....	.25	.50	2.50
Gladstone, (S).....	.25	.75	---
Glen Mary, (S).....	.25	.60	3.25
Harveland, (P).....	.25	.50	3.00
Hall's Favorite, (S).....	.35	.50	3.00
Jessie, (S).....	.25	.50	2.50
Johnsons Early, (S).....	.25	.50	2.75
Lovett, (S).....	.25	.40	2.00
Lady Thompson, (S).....	.25	.50	---
Michel's Early, (S).....	.20	.40	1.75
Marshall, (S).....	.25	.50	3.25
Margaret, (S).....	.25	.60	---
Manwell, (S).....	.25	.50	3.00
McKinley, (S).....	.25	.60	---
Nick Ohmer, (S).....	.40	.60	3.00
Parker Earle, (S).....	.25	.60	3.25
Ridgeway, (S).....	.25	.50	3.00
Rough Rider, (S).....	.50	.75	5.00
Ruby, (S).....	.25	.50	---
Sample, (P).....	.25	.50	2.75
Senator Dunlap, (S).....	.40	.50	2.75
Sharpless, (S).....	.25	.50	---
Stahelin, (P).....	1.50	8.00	---
Splendid, (S).....	.25	.50	2.75
Tennessee Prolific, (S).....	.25	.50	2.75
Warfield, (P).....	.25	.40	2.00
Wm. Belt, (S).....	.25	.50	3.00
Woolverton, (S).....	.25	.50	2.75
Gibson, (S).....	.25	.75	---
Downings Bride, (P).....	.25	.75	---
Kansas, (P).....	.25	.75	---
Texas.....	1.00	5.00	---
Pokomoke, (P).....	.25	.50	---
New York, (P).....	.25	.60	4.25

Varieties marked (P) are "Pistillate" and should have about every fourth row set to some staminate variety for a fertilizer. Those marked (S) are "Staminate" and good fertilizers.

Telegraph, Postoffice and Express Office, Address, Bridgman, Michigan.

Bridgman Poultry Yards

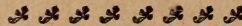
White Wyandottes Exclusively.

Duston and Hawkins strains DIRECT. I have bred the Leghorns but find the White Wyandottes equally as good layers, and as table fowls they are far superior as they are much larger, Cocks at maturity weigh 7 to 9 pounds, hens 6 to 8 pounds. They have rose combs, yellow skin and legs. Having white plumage they have no dark pin-feathers, so dress well for market. They are good sitters; careful mothers, but not persistently broody. They are hardy, easily raised, mature early, and for broilers are the very best.

COCKERELS, \$3.00 EACH, HAWKINS STRAIN ONLY.
EGGS: 15, \$2.00; 30, \$3.50; 45, \$5.00. Both Strains.

A. M. CLYMER, BRIDGMAN, Berrien Co., MICH.

Jas. M. Ball, Pres. M. W. Stock, Vice-Pres. A. L. Heartt, Cashier



The Commercial National Bank

ST. JOSEPH, MICH.

Capital, \$50,000.⁰⁰

THE patronage of
FARMERS and
FRUIT GROWERS is
respectfully solicited.

Money to loan at all
times at lowest rates.

Drafts on all foreign
countries.

Safety Deposit Boxes
for rent.

