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1899

CATALOGUE of Fancy fruit.

W.N. SCARFF.
NEW CARLISLE OHIO.

ADVICE AND TERMS.

PLEASE READ CAREFULLY BEFORE ORDERING.

Remit by Money Order, Registered Letter, Draft, or Express Money Order. **Please do not send private checks.**

Always use the order sheet in catalogue in making out your order, and do not mix your order and letter together on same sheet.

Guarantee. We warrant our stock true to name, with the express understanding that should any not prove so, we will refund the money paid or replace it with other stock, but are not liable for damages beyond this. A sure indication of the purity of our stock is the fact that customers of former years continue to favor us with their orders.

Rates. Six or more of anything in this catalogue may be ordered at dozen rate; 50 or over at 100 rates; 500 or over at 1000 rates.

Our Prices. We think our prices are as low as any reliable grower can offer the same grade of goods, but should any quote lower prices please write to us, as we think we are able to sell as low as the lowest.

Our Stock is of our own growing, and you may always rely on getting it fresh and full of life, and as our soil is especially adapted to the growing of plants, we send out as fine roots as any on the market.

Care of Plants. Open the bunches, if not ready to plant for a few days, wet the roots thoroughly. If Strawberry Plants be careful not to get water on the foliage as it's sure to rot them, then bury the roots in cool moist ground, partially shaded, being careful to firm the ground well so as to come in contact with the roots. When ready to plant puddle the roots well in thin mortar of clay and water and keep from sun and wind while planting.

Substitution. In case we should be out of any one variety in your order, please state whether we shall return money or fill with some equally good or better variety.

Plants by Mail. We can send plants to any part of the United States in this way, and have them arrive in good condition. To our customers in distant states we send many orders by mail, for which we make the additional charge. Strawberries 10c. per 50; 15c. per 100. Raspberries and blackberries, 10c. per dozen; 50c. per 100. Currants, gooseberries and grapes, one year, 20c. per dozen. Strawberries per dozen and other plants at rate for single plant. No extra charge.

Special Express Rates. We secure on plants by express 20 per cent. off the regular merchandise rate, this saving our customers one-fifth the regular rate on each shipment.

Our Terms. *Payments invariably in advance.* Goods sent C. O. D. only when one-fourth of the amount is sent with order, with charges for returning money added to bill.

Estimates. To those wishing to purchase in large quantities, it would be well to write us as we may have a surplus of what you want, and can make you a better price.

Book on Transplanting and Care of Plants, is a complete guide to planters, giving directions for the preparation of the soil, how to care for trees, plants, &c. on their arrival, how to dig the holes, root and top pruning before planting, depth to plant, mulching, planting, after culture, after pruning, distance to plant, &c., &c. Each of our customers who send an order for \$1.00 or over, is entitled to one of these books free, which will be sent direct with your order. If you do not find it there drop us a card and we will mail you one.

Order Early. The advantage of early orders, both to you and us, cannot be over estimated, as our stock, in many varieties, often becomes exhausted as the season advances.

Dealers. All orders from dealers should be plainly marked "dealers' orders," to receive necessary attention.

Caution. Be sure to give your name in full, County and State, each time you write, no matter how often it be. Should your freight or express office be different from your post-office, do not fail to mention it, if ordering goods sent that way.

Our Testimonials. We have hundreds of testimonials from our customers from all parts of the country praising our trees and plants, and declaring them superior to all others. Space in our catalogue would not permit the printing of any part of them this year. But a trial order will convince you that ours are best. Address all orders to

W. N. SCARFF, New Carlisle, Ohio.

ENTOMOLOGIST'S CERTIFICATE OF NURSERY INSPECTION.

No. 26.

This is to certify that I have examined the Nursery and Premises belonging to W. N. SCARFF, and located in Clark County, Ohio, and find no indications of the presence of San Jose Scale, or other dangerously injurious insects or diseases, likely to be introduced into orchards on nursery stock.

This Certificate is invalid after June 1, 1899.

NEW CARLISLE, OHIO, August 27, 1898.

C. W. MALLY, Ass't Entomologist,
Of Ohio Agricultural Experiment Station

VIEW OF BUILDINGS AND ORCHARD ON ONE OF OUR FRUIT FARMS.

KIND FRIENDS: Again we welcome you. Year after year our Annual Catalogue goes out to our friends and customers. It is our constant endeavor to make this book more valuable and interesting each year. We have therefore decided to show you this season where our plants are grown and orders handled, our packing grounds and storage sheds, our farm buildings and views of our orchards and nurseries. To see with your own eyes views of our grounds, sheds, office and buildings will be more satisfactory to you than if the entire catalogue were devoted to description of same. We have therefore given space to such illustrations at no little expense to us, but we know with great satisfaction to you. It is only natural that you should wish to know something of the firm you deal with, their surroundings and equipment for business. You will see at bottom of second page of cover a certificate showing our premises and stock free from any disease likely to be injurious to growing plants or trees. We also pack our plants in the best possible manner in baskets, crates and boxes, using pure moss to keep the roots moist. Trees are usually put up in bales with the roots securely sewed in Burlap and tops wrapped with straw. To grow our trees, plants and farm seeds require upwards of three hundred acres.

Pedigree Plants. We are often asked whether our plants are pedigreed. Plants, like persons or animals, all have a pedigree, either good or bad. Thus, you see, a pedigree signifies nothing until you trace it back and find the ancestral strain from which your plants have come. Our propagating stock is the finest that can be had. We supply every means at our command to induce strong, vigorous and healthy growth; then can you doubt or question for a moment that the pedigree of our stock is not as thoroughly established and of as high a character as any grown in the United States.

Money in Planting Now. Last year, in our catalogue, under the head of "Some Pointers," we showed you why the present was a good time to plant for profit. We were right in what we prophesied; the price of fruit was much better and you will even see a more marked advance this season over last. During the years of low prices people acquired an appetite for fruit that must now be satisfied. It is safe to say that five bushels of fruit are consumed now to one ten years ago. Thus with an increased demand and an acreage greatly diminished by the dropping out of that class of impractical growers who expected to become rich in a few years by growing fruit without work or experience, the market is bound to react to the advantage of those now engaged in it.

Start Right. Then do not make the fatal mistake of buying plants simply because they are cheap. Buy of growers who have a reputation, and grow good plants even if they cost a little more. Space will not permit us saying more. If we can do anything for you write us today. Our plants are as fine as any grown.

A Present for Each Customer. We wish to cultivate a closer acquaintance with our customers, and feel that we can do so in no better way than by sending each and every one who sends us an order of one dollar and over some choice plants, flowers or seeds. See particulars on page 30.

Very respectfully,

W. N. SCARFF.

STRAWBERRIES.

Earliest (Per.) This new berry comes to us with highest recommendations as an extra early sort. Although medium in size it ripens so far ahead of other kinds as to place it among the most profitable ones. We quote description of originator and other reliable sources:

This is the earliest berry yet introduced. There are lots of early berries, but there are none to compete with this in earliness, size, color, and productiveness combined. The commercial grower who wants to keep up with the times and make money on early berries, will be behind who does not plant and get a stock as soon as possible. It is more productive on two or three year old beds. It is a handsome berry. We confidently recommend this berry to everyone who wants the best early. It makes runners quite freely, with long deep roots, but for the best results of fruit, it will pay to keep runners cut.

A. I. Root, of Ohio, says: "It was fully two weeks earlier than Mitchel's Early the past season. It will stand the drouth while others die beside it."

Michigan Experimental Station says, 1896: "'Earliest' was several days ahead of any other variety."

New York Experimental Station says: "It produced a greater per cent. of its crop early in the season than any other variety, and we recommend it as being worthy of testing."

Our stock of this new variety is so large that we are able to put the price very low, so that each of our friends may try it. Price, 20c. per dozen; 75c. per 100; \$5.00 per 1,000.

Carrie. Another season only confirms the many good points of this valuable new variety. It is beyond doubt an improvement over Haverland. This is saying a great deal, but field tests, together with experiment station reports, confirm this statement :

Report of the Ohio Experimental Station for 1897 :

CARRIE, a seedling of Haverland, which it resembles closely, but is an improvement upon that variety in color and firmness. It has been on trial here two seasons and has proved satisfactory in every respect. It has the fault of the Haverland—long fruit stems—which exposes the fruit to injury by trampling of careless pickers. Every fruit grower will appreciate an improved Haverland because of its prolificacy and reliability ; hence it seems safe to recommend the Carrie to their consideration.

Ohio Experimental Station, 1898 :

"Another season's test of Carrie proves it larger and firmer than Haverland, and considerably superior to it in general."

Ripens same season as Haverland. Price, 30c. per dozen; \$1.50 per 100; \$10.00 per 1,000.

Nick Ohmer (Per.) A staminate variety, originated by Mr. John F. Beaver, who is conceded to be the most successful amateur fruit grower in Ohio.

M. Crawford's report: "After watching Nick Ohmer for years, and hearing how it has behaved, I send 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 strawberry ever sent out. There is no other in the market, or in sight, that I would plant with so much confidence. If restricted to a single variety, it would be my first choice without a moment's hesitation."

The plant is large and stocky, sending out plenty of very strong runners. The fruit is of the very largest size—a giant among strawberries. Price, 35c. per dozen; \$1.50 per 100; \$10.00 per 1,000.

Champion of England (Per.) Originated in the East, and is a berry of considerable promise. Fruit large, slightly flattened like Sharpless. Foliage good, makes plenty of plants, firm and of good quality. Price, 25c. per dozen; 50c. per 100; \$4.00 per 1,000.

DAYTON PHOTO ENG. CO.

Marguerite (Per.) This variety was originated about seven years ago by John F. Beaver, from seed of the Crawford. It responds readily to good culture, and all careful growers may expect it to produce the finest fruit in great abundance. The plant is large and healthy, and so vigorous in growth that it will mature its last berries and continue green and luxuriant while an abundance of strong runners are produced. The foliage is dark green, and so clean and healthy looking that it is a pleasure to work among the plants. It commences to ripen soon after the early varieties, and bears until nearly all others are gone. With a good chance its berries are all of large size. The plant, with its habits of growth and productiveness, is faultless. As fruited on our grounds, Marguerite is latest of all berries to ripen. Fruit large, rich, uniform size, and handsomest berries we ever saw of the strawberry. Price, 30c. per dozen; 75c. per 100; \$5.00 per 1,000.

Staples (Per.) This is not a new variety, but one whose merits are known only by a few. It originated near Dayton, Ohio, about six years ago. No effort was made to introduce it, as growers were making too much money out of the fruit themselves, and like Topsy, "*it just grew up.*" Now, however, it is attracting great attention from fruit growers all over the country by its extraordinary fruiting powers, earliness, fine color and luscious fruit. No better fertilizer for Warfield can be had, as in color, size, productiveness, quality and season it is almost an exact counterpart. Our growers have made more money out of this variety than any ever grown for Dayton market. As a canning and preserving berry there are none better; the color is almost a black red, both inside and out, just what every good cook wants for preserving in any way. Our stock is large and price so low that no one need be without it. Price, 25c. per dozen; 50c. per 100; \$3.00 per 1,000.

Glen Mary (Per.) Vigorous and prolific. Berries large, mostly irregular, often flattened and ribbed, but seldom cockscombed. Dark scarlet, glossy, beautiful, although an occasional specimen is not well colored. Flesh light red, moderately firm and of good quality. Season medium to late. For home use and near market this is an unusually promising variety. It may not be sufficiently firm for long shipment, although it is probably firmer than Bubach, and most other sorts of large size. It excels Brandywine, Sharpless and Marshall in productiveness. Price, 25c. per dozen; 75c. per 100; \$5.00 per 1,000.

Muskingum (Per.) Berries of large size, uniform, good shipper, glossy red, with red flesh throughout, excellent for home use as well as market; valuable. Price, 25c. per dozen; 75c. per 100; \$4.00 per 1,000.

Marshall (Per.) Of the very largest size; color very dark rich crimson to the core; flesh fine grained and of a delicious flavor, and with the peculiar aroma of the native wild strawberry, from which it is thought to have sprung. 25c. per dozen; 75c. per 100; \$4.00 per 1,000.

Gardner (Per.) Strong, free-growing, perfect-blooming plant of great productiveness, rivaling Parker Earle, Tennessee and Haverland in this respect. Fruit large to very large, roundish conical, bright crimson, firm, and excellent in quality. A fine early market or family berry for light or medium soils. Price, 25c. per dozen; 75c. per 100; \$4.00 per 1,000.

Splendid (Per.) L. J. Farmer says: "We fruited 100 varieties, and Splendid surpassed them all."

Mr. Crawford says: "I can offer it to my customers with great confidence."

The plant is a healthy, luxuriant grower; sends out many runners, bears abundantly. The fruit is large and far above the average in quality and appearance. Price, 25c. per dozen; 50c. per 100; \$2.50 per 1,000.

Star (Per.) The berry is large and handsome. It is as near *perfect in shape as can be*. Of Gandy shape; color not quite so dark, but a glossy crimson, and colors all over at the same time. All the berries average large. In quality it is of the very highest. Those who have tried it pronounce it extra as to quality. The plant is extremely vigorous, a strong grower, with healthy green foliage, is deep rooted and very prolific. It's season of ripening is about with Haverland.

Introducer says: "We would like to see every strawberry grower in the country test this variety, as we feel sure they will obtain something decidedly superior to anything ever before on the market. The berry measures 6 to 7 inches in circumference on an average, and is as near perfection in shape as possible; all berries large, no small or ill-shaped ones during the entire season. Quality is of the best. In productiveness we have never seen the equal of the Star. It matures all its berries in a dry season, possessing the greatest drouth-resisting qualities of any berry we are acquainted with, having matured a full crop when all the ordinary varieties were complete failures. Placing some of the berries on the market, they readily brought a fancy price, the average being, at wholesale, 17 cents, at a time when no other sort would bring over 6 cents." Price, 25c. per dozen; \$1.00 per 100; \$5.00 per 1,000.

The "Shuckless" (Per.) In picking, it parts readily from the stem, the shucks remaining on the stem instead of the berry. This is not only a novel feature, but one of the greatest practical value, inasmuch as the berries are ready for the table as soon as picked, thus obviating the disagreeable and tedious task of shucking, necessary with other sorts. Price, 25c. per dozen; 50c. per 100; \$4.00 per 1,000.

Sharpless (Per.) An old variety, highly prized by many. Fruit large, sweet, but does not ripen up evenly; valuable for fancy market where an extra large variety is wanted. Price, 25c. per dozen; 50c. per 100; \$2.50 per 1,000.

Timbrell. Valuable for home use only. The quality is superb, but the color is very inferior, making it of little value for market. Price, 25c. per dozen; 50c. per 100; \$4.00 per 1,000.

Enhance (Per.) A late berry prized for firmness and productiveness. The quality is only fair and berry irregular, but as it ripens late, it is much prized by some. It also fruits some in the fall of the year if conditions are just right for it. Price, 25c. per dozen; 50c. per 100; \$3.00 per 1,000.

Jessie (Per.) This variety is named by nearly all strawberry growers as one of the best in a collection of three or four varieties for home and market. Its season is early to medium. Jessie is a perfect strawberry for those having only a garden spot. Perfect flowering. On rich, loamy soil it is very productive, and the fruit is very large. Price, 25c. per dozen; 50c. per 100; \$3.00 per 1,000.

WM. BELT.

Wm. Belt (Per.) The plant is very large, a most luxuriant grower, and remarkably productive. Its blossoms are perfect, and it seems that each one is followed by a berry. It is medium in ripening, neither very early nor very late. Its size is very large indeed. In form it is conical, rather long and quite uniform in shape, except that the first berry on a fruit stalk is sometimes misshapen, especially with high culture. The color is a brilliant, glossy red—as near perfection as was ever seen in a berry. It ripens all over without green tips. The quality is good—better than is usually found in large berries. The foliage of Wm. Belt as grown here is affected some with rust, but not enough to injure its fruiting. It is a fine grower of large, well developed berries of excellent quality. Valuable for the home garden. Price, 25c. per dozen; 60c. per 100; \$4.00 per 1,000.

Beverly (Per.) The fruit is large, often uneven on the surface, but never flat or misshapen. Its color is dark, rich red, and its quality is superior. Its great value consists not in surpassing other varieties in one or two points, but in combining in such a remarkable degree all the desirable characteristics of the strawberry. If one wants a single variety for market, for home use or for exhibition, he might well choose the Beverly. The above is Mr. Crawford's description of the Beverly. Price, 40c. per dozen; \$1.00 per 100; \$4.00 per 1,000.

Barton's Eclipse (Per.) A few days later than Mitchell's. Shape like Haverland, and fully as attractive. Valuable for market. Price, 25c. per dozen; 50c. per 100; \$3.00 per 1,000.

Bisel. This berry is large, luscious and firm; color a deep glossy red, with large calyx; season same as Crescent; very productive, and uniform in size and shape. One of the very best market varieties. Price, 25c. per dozen; 50c. per 100; \$3.00 per 1,000.

Crescent. This is a very prolific berry, bearing profusely even under neglect. In growth it is very vigorous and hardy, and produces better if the vines are not allowed to mat. They should be thinned, even if the hoe has to be used. Fruit colors on all sides at once. A great cropper; early. Price, 25c. per dozen; 40c. per 100; \$2.00 per 1,000.

Cumberland (Per.) A large berry of great merit in some localities, doing better on a rich clay soil than any other. Fruit light color, uniform size, only moderately firm. Should be grown in matted rows. Price, 25c. per dozen; 50c. per 100; \$2.50 per 1,000.

Lovett (Per.) One of our best pollenizers. It is certainly a valuable acquisition to the list of good berries. Fruit large, solid and firm, excellent for market, and first-rate for home use also. It has a healthy, vigorous plant, ranks above medium in productiveness, and is one of the best pollenizers. Price, 20c. per dozen; 40c. per 100; \$2.00 per 1,000.

BRUNETTE

Brunette (Per.) The Brunette is a delightful berry. In color it is a deep rich red like port wine, not only all over the surface, but all the way through, and when you break one in two the fragments of the torn tissues sparkle in the sunlight like splinters of ruby crystals. It is a shapely berry, too, of uniform dome-like outline. If a few Brunette berries were mingled promiscuously with a large number made up of various other kinds, the Brunette could readily be picked out, their beautiful dark-red color and symmetrical outline distinguishing them from the rest. They are quite firm berries, and of finest quality perhaps of any strawberry grown. If you are after an extra fine berry for your own family or select customers, where *quality* ranks first, then by all means plant Brunette. Price, 25c. per dozen; 75c. per 100; \$4.00 per 1,000.

Ideal. This berry originated in Delaware several years ago. It has done well on our grounds each season. See what others say of it:

"The Ideal for uniform typical strawberry shape, rich, glossy, red color and sprightliness of flavor. Although somewhat acid, certainly deserves the name of Ideal."—*J. H. Hale, in American Gardening.*

OF SUPERIOR SIZE, BEAUTY AND QUALITY.

"Ideal is one of the best varieties fruited here this year. The plant is vigorous and productive, and the fruit is of superior size, beauty and quality."—*M. Crawford, of Ohio.*

Price, 25c. per dozen; 75c. per 100; \$4.00 per 1,000.

Haverland. A grand market berry; early and immensely productive. Berry large, somewhat long and pointed in shape; a standard sort for market. Price, 25c. per dozen; 50c. per 100; \$2.50 per 1,000.

Eureka. Another late variety of merit. Fruit large, irregular, very productive, pale red, rather soft for long shipments. Price, 25c. per dozen; 50c. per 100; \$2.50 per 1,000.

Bubach. Large size, handsome and extremely productive. A favorite market sort. Price, 25c. per dozen; 50c. per 100; \$3.00 per 1,000.

Brandywine.—(Per.) This illustration is true to nature, and was made from a photograph of a quart of berries picked on the 12th of June in the beautiful Brandywine Valley, on the farm of Mr. Edward T. Ingram, with whom it originated. Season late, very late. Plants good growers, healthy and very productive. Blossom, perfect; fruit large.

From Ohio Experiment Station. This variety is well known, and has been quite thoroughly tested in many sections. It has been steadily increasing in favor here, and is now regarded as one of the best late sorts known. It does not yield as heavily as some of the second early varieties, but is equal to any of the late sorts, and the berries are all large, well colored and firm. The bulk of the crop ripens very late. It excels the Gandy in productiveness and color. It is

rather later than Enhance and far more attractive in appearance. Where lateness is desirable, it has quite generally proved satisfactory. Price, 20c. per dozen; 40c. per 100; \$2.00 per 1,000.

Clyde (Per.) This is perhaps the most popular new strawberry ever introduced, seeming to do equally well in all parts of the country. The Clyde ripens early, is large as Bubach and much firmer. The plant is very vigorous and healthy, foliage light green in color. It makes extra strong plants, with excellent roots reaching far into the soil, and thus being able to withstand severe drouth.

J. H. Hale says of it: "As to the fruit itself, huge berries piled one upon the other in greatest profusion everywhere; great big rollicking fellows, as perfect in form as the small end of a hen's egg; the most uniformly symmetrical lot of berries I have ever seen, with not one single small or imperfect berry from beginning to end of the season. Clear, light scarlet color; beauties in every way, except possibly a little too light in color to suit some tastes. Moderately firm and of fine quality; not the perfect berry by any means, but, oh! such an improvement over all others now known that it may well be styled as Clyde, the one great business strawberry, basket filler, money catcher, debt destroyer and family provider." Price, 25c. per dozen; 75c. per 100; \$4.00 per 1,000.

Greenville. Considered by many an improvement on Bubach, especially in point of firmness and vigor of plants, having also a fine color. Has been favorably reported from nearly every experimenter in small fruits in the country. A very fine variety. Price, 20c. per dozen; 40c. per 100; \$2.00 per 1,000.

Dayton (Per.) It is large, firm, deep color and of uniform size. An excellent grower, and productive. It is one of the very best to plant as a fertilizer among other varieties. Favorable reports are heard all over the country from "Dayton." Plant it without fail. Price, 20c. per dozen; 40c. per 100; \$2.00 per 1,000.

GANDY.

Gandy (Per.) This is not a new berry, but one whose value as a profitable market sort has been overlooked. The Gandy is today as profitable a berry to plant as any we have on our list. Its season is very late, and is in its prime when most other sorts are gone, or so nearly so as to be very inferior. The fruit is large, handsome and uniform, and makes an excellent showing on the market. While it is claimed by many to be a shy bearer, we find that it yields a fair quantity of berries the first year, and improves with age until it becomes four or five years old. In our markets we find that the price always advances in the latter part of the season, when most of the berries are gone. Having a few Gandies, we found we were able to get a fancy price for them, often \$4.00 to \$5.00 per bushel. This made us money rapidly. Our ten-acre patch of Gandy made us more clear money in 1898 than any of the older varieties we had, owing to its ripening so late, and the fruit being large, it always brings good prices; and a plantation of Gandies appears to improve with age, bearing better at three or four years than the first season if well cared for. Price, 20c. per dozen; 40c. per 100; \$2.50 per 1,000.

Beder Wood (Per.) It ripens about three days behind Mitchell's Early, and a full week ahead of Crescent; gives heavy pickings from the start, and holds out until the rush of mid-season. Price, 20c. per dozen; 40c. per 100; \$2.00 per 1,000.

Warfield No. 2. The plant is a very vigorous grower, exceedingly productive, bears picking daily. The berries are of good quality, dark color, medium size, firm, regular in size; sub-acid. A very profitable berry for nearby or distant market. Season early. Price, 20c. per dozen; 40c. per 100; \$2.00 per 1,000.

Excelsior (Per.) Another early sort of great promise from Arkansas. We have never fruited this variety but judging from the plants, as we see them growing in our propagating fields, we would pronounce it an excellent grower of good clean foliage, making large stocky plants, which is one of the main business qualifications of a strawberry.

Description by the Originator:—A prototype of the famous old "Wilson's Albany," and a cross between same and "Hoffman." Wilson shaped and colored berry, foliage resembles "Hoffman," but larger and more robust. This originated in Arkansas, at the same place where "Michel's Early" did, which latter has never been excelled as an extreme early berry, until the advent of the "Excelsior." It is extra early, large, high colored and firm, making it one of the best shippers on the whole list. Everybody should plant it at once.

Price, 40c. per dozen; \$1.50 per 100; \$10.00 per 1,000.

Pet (Per.) Sent out by M. Crawford. Berries large, of Sharpless type; good plant maker; medium season and moderately prolific. Price, 50c. per dozen; \$1.50 per 100; \$8.00 per 1,000.

Sample. The originator describes it as follows: "The Sample Strawberry is admired by every one who has seen it, and it only awaits to be known to be universally appreciated. No one who has seen it has been able to criticise 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 interest 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 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." Price, \$1.00 per dozen; \$3.25 per 100.

PET.

Mitchell's Early (Per.) The introducers speak of it as follows: "This is an accidental seedling, and the earliest and most profitable in cultivation; of the finest flavor; a perfect blossom; as large and firm as the Crescent, ten to twelve days earlier, and as productive. Plant the hardiest of all known. Growing side by side with twenty other varieties, nothing approaches it in plant growth." Price, 20c. per dozen; 40c. per 100; \$2.00 per 1,000.

Tennessee Prolific (Per.) Very productive, of medium to large, bright scarlet berries of handsome appearance and fine quality; ripens medium to early. Is a fine market or family berry, thriving well on quite light, dry soil. D deservedly popular. Price, 25c. per dozen; 50c. per 100; \$2.50 per 1,000.

Hall's Favorite (Per.) The originator says of this variety: "Plant very strong-growing, with foliage heavy enough and thick enough to protect blossoms from frost and for mulch in winter. I have seen the vines stand 12 to 18 inches high on ordinary land, and upon opening the vines, found as fine fruit as any one would wish to see. The season of ripening is from early to medium, and the whole crop ripens in a very short time. The berries are large, perfectly formed, of uniform shape, coloring evenly to deep, rich crimson; equal to the best in quality. They present a beautiful sight when crated; also keep, ship and sell well. The plant is a heavy cropper, even in old beds of ordinary soil. The *Strawberry Culturist* says of this berry: 'As seen on Mr. Hall's farm, Hall's Favorite is certainly very large and fine colored. It is better in quality than Bubach by far, and as a grower the Bubach is no comparison.' " Price, 25c. per dozen; 75c. per 100; \$5.00 per 1,000.

Bismarck (Per.) This is a self-fertilizing strawberry, possessing all the desirable peculiarities of Bubach. To those familiar with the Bubach nothing further need be said, since Bubach has been a favorite berry, and more plants have been planted than of any other. Bubach has two defects which Bismarck corrects. Bubach is a pistillate, requiring other varieties to be planted near it, while Bismarck is self-fertilizing. Bubach, while of good quality, is not of the highest character. Bismarck is of better quality. We have in Bismarck an extraordinary large berry, glossy, fine color, good shape and good quality, with vigorous plants full of vitality. Price, 25c. per dozen; 75c. per 100; \$5.00 per 1,000.

Ridgeway (Per.) Plant large and stalky, possessing the ability to make a large number of strong, healthy plants. Leaf large, heavy, and dark green in color; an ideal plant. Berry large to very large; the typical form nearly round; largest specimens broadly ovate; always smooth; color crimson, with golden seed; firm for so large a berry, and will stand shipping to distant market; quality as good as the best; an almost ideal berry, and one that will command fancy prices on any market. Price, 25c. per dozen; \$1.00 per 100; \$6.00 per 1,000.

Woolverton (Per.) This is a well-known and reliable variety that succeeds on any soil and in any locality as a rule. It was originated by Mr. John Little, of Canada. The plant is a good grower and a great bearer. It is no uncommon thing to see blossoms and ripe fruit on this variety at the same time. Fruit very large, of regular form, fine looking, of good quality, and produced in great abundance. Price, 25c. per dozen; 50c. per 100; \$3.00 per 1,000.

Ponderosa (Per.) The introducer says: "The berries are very large, of globular form, and uniform in shape; great beauty, large size, and great productiveness. A profitable variety to grow for market." I know nothing personally about this berry except that it is a good grower. Price, 50c. per dozen; \$2.00 per 100; \$15.00 per 1,000.

WANTED.

500,000 Names and Addresses of Fruit Growers. Send us 10 or more good names and we will mail you free six new strawberry plants. Enclose 2c. stamp to cover postage and packing.

1/2 Natural Size

Eureka. This most excellent early Blackcap, introduced by us in 1894, has perhaps received more praise than any raspberry ever introduced, and none deserves more praise. Its season is about the same as Palmer. Berries large as Gregg and wonderfully productive. Read what others say of it. In the *ad interim* reports of the State Horticultural Society at Canton, C. H. Waid, Fulton County, O., says: "Eureka fruited in my place this season, and I think Prof. Green's oft quoted prediction, early as Palmer, large as Gregg and productive as both, was very nearly verified. Surely, every branch was loaded to its fullest capacity with nice fruit, and indeed some of my pickers reported that they saw countless numbers of other berries hovering around trying to get on." F. G. Withoft, Montgomery County, O., in his report says: "Eureka promises to be the leading Blackcap." H. H. Aulthfathers, of Stark County, reports as follows: "Old growers are wanting something better than Gregg, Ohio, Souhegan, etc., and I think that Eureka is the one to fill the bill." Prof.

Green, of the Ohio State Experiment Station, has repeatedly said that he believed that an acre of Eureka would yield as much as an acre of Palmer and an acre of Gregg combined.

The Eureka got of you are loaded. I think I never saw so many berries on the same amount of wood.

UPPER ALTON, ILL.

D. W. COLLETT.

WATERVILLE, OHIO.

My patch of Eureka, which yielded 57 bushels per acre at one year old, gave 100 bushels per acre this year (two-year-old), after yielding a heavy crop of tips, and is now the finest patch I ever saw.

W. W. FARNSWORTH, Waterville, Ohio.

Secretary Ohio State Horticultural Society.

NEW YORK AGRICULTURAL EXPERIMENT STATION.

W. N. SCARFF, New Carlisle, Ohio.—We received plants of the Eureka Raspberry from you in 1893, an consider it one of the most promising varieties that we have tested.

Very truly yours, L. L. VAN SLYKE, Acting Director.

Price of plants of this valuable early raspberry only 75c. per dozen; \$1.50 per 100.

"MUNGER"

FOR FANCY MARKET.

Munger. Another season only more fully confirms the claims made for this most valuable of all late Blackcaps. Last season when Gregg and other late sorts were dried up by the severe drouth on the originator's ground, Munger gave daily pickings of fine fruit, and in astonishing quantities. It was the marvel of the hundreds of visitors who saw it there during the meeting of the Miami County Horticultural Society. As a late "fancy market" berry it certainly stands without a peer.

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 two to five days later than Gregg, and has a special faculty of withstanding drouth and hot 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.

Agricultural College, Mich., Experiment Station, Dec. 13, 1898.

W. N. Scarff:—In our trials the past year Munger was fully equal to other kinds in vigor, and was excelled by but one in productiveness. The berries are evidently good shippers and of high quality, and we consider it a very valuable variety.

PROF. L. R. TAFT, Horticulturist.

"THE LARGEST BLACK RASPBERRY HE EVER SAW."

EUCLID, OHIO.

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.

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.

Price, \$1.00 per dozen; \$4.00 per 100.

Cumberland Raspberry Compared with Wilsou Blackberry.

Cumberland. As yet we have not fruited this new berry, but if reports are true, it is certainly a good one. We will test it this season, and offer it to our customers on the recommendation of the introducers and other leading horticulturists.

DESCRIPTION BY THE INTRODUCERS.—This new raspberry is placed upon the market after having been carefully tested for a long period of years, and 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 designation of "the Business Blackcap." In hardness and productiveness it is unexcelled by any other variety. In size the fruit is simply enormous, far surpassing any other sort. The berries run seven-eighths and fifteen-sixteenths of an inch in diameter, and are of such handsome appearance that their fruit sold for 10c. per quart when other varieties were selling for 5c. to 7c. per quart. The quality is very similar and fully equal to Gregg, which has always been considered the finest of the Blackcaps in this respect. In spite of its unusually large size, the fruit is possessed of great firmness, and is thus well adapted for standing long shipments. The season of ripening varies, of course, in different latitudes, and can best be designated by comparison with other varieties. It follows Palmer and Souhegan and precedes Gregg a short time, making it what we call a mid-season variety. The bush is exceedingly healthy and vigorous, throwing up stout, stocky canes, well adapted for supporting their loads of large fruit. It has also shown itself remarkably free from that scourge of its family, anthracnose, it having been entirely unaffected by this disease even when other varieties near by were suffering from it very badly. Price, 25c. each; \$2.00 per dozen.

Earhart Everbearing (Black.) One of the best of the everbearing raspberries, producing a moderate crop on last year's canes at the usual season, and a second crop in September upon the new canes. The plants are vigorous and healthy. The fruit is glossy black; quite firm. Price, \$1.00 per dozen; \$2.00 per 100.

Lotta. A berry of merit from Kansas. Supposed to be a seedling of Gregg. Begins ripening about one week earlier than Gregg and continues to ripen through the entire season of Gregg.

Prof. W. J. Green, Ohio Experiment Station, says: "It has so many positive virtues that I feel safe in recommending it. The plants are very vigorous, healthy and prolific; the berries are large, firm, black and glossy. In season it is probably a little earlier than Gregg. I regard it as the most promising variety of its season of any with which I am acquainted." Price, 50c. per dozen; \$1.50 per 100.

Gault. An everbearing raspberry originating in Ashland County, Ohio. Fruit is large, some specimens having measured three inches in circumference, and of excellent flavor. The first crop commences to ripen with Gregg, and continues in bearing for three or four weeks, by which time the new canes begin to bear and continue until checked by the single cane. This berry comes well recommended. Price, \$1.00 per dozen; \$3.00 per 100.

Kansas. A new variety of worth. It ripens a few days after the Eureka, and is of large size. Canes quite thorny and covered with a thick bluish bloom. I would consider Eureka the best Blackcap and Kansas next. Price, 30c. per dozen; \$1.25 per 100.

Hilborn. Strong grower; fruit large; very productive. Should be in every collection. Price, 25c. per dozen; \$1.00 per 100.

Souhegan. Same as Tyler. Early; productive; profitable in some sections. Price, 25c. per dozen; \$1.00 per 100.

Palmer. Perhaps the best of the older varieties of early kinds. Fruit large and good size. bush a vigorous grower and very productive. Price, 25c. per dozen; \$1.00 per 100.

Gregg. An old variety of merit too well known to need description. Price, 25c. per dozen; \$1.00 per 100.

Hopkins. Medium early; prolific; quality good. Price, 25c. per dozen; \$1.00 per 100.

Conrath. A Blackcap coming originally from Michigan. Prof. Taft, of Michigan Experiment Station, who is reliable authority, says in regard to Conrath: "As compared with Gregg I would say they are two weeks earlier, hardier, less subject to disease and fully equal to that variety when at its best in productiveness and quality of fruit. Price, 30c. per dozen; \$1.25 per 100.

Ohio. One of the best market varieties. Grown by the thousand for evaporating purposes, and for use in fresh state. Canes very vigorous, hardy and productive. Price, 25c. per dozen; \$1.00 per 100.

Mammoth Cluster. An old variety, yet popular in some sections; medium to late; hardy, vigorous, moderately productive. Price, 25c. per dozen; \$1.00 per 100.

RED, PURPLE AND YELLOW RASPBERRIES.

• COLUMBIAN •

Columbian. A decided improvement on the Shaffer, of same type and similar color; supposed to be a cross between it and Cuthbert. A wonderfully strong grower and producer, surpassing Shaffer, which has heretofore stood at the head in these two points. One of the hardiest, passing our last severe winter unharmed, where many other sorts were badly injured. Fruit, compared with Shaffer, is longer, more solid, adheres more firmly to the stems, is sweeter and of higher flavor when ripe. Firm enough to carry to market well; stands at the head for evaporating, making jam, jelly, etc. When canned they retain to a large extent their form, color, shape, flavor and aroma. Has been tested for several seasons; the leading experiment stations and horticulturists unite in sustaining claims made for it by the originator. Price, 50c. per dozen; \$2.00 per 100.

Hansell. Profitable on account of its earliness, bright color and firmness. Berries large, crimson, good quality and firm. Price, 20c. per dozen; 75c. per 100.

Turner (Southern Thornless.) Extremely hardy and desirable as an early berry. The canes make a strong, healthy growth and are very productive. Berries of good size; bright crimson color. Price, 15c. per dozen; 60c. per 100.

Marlboro. Large size; light crimson color; good quality and firm; vigorous and productive. The leading early variety for the North. Price, 30c. per dozen; \$1.25 per 100.

King, \$5,000 Red Raspberry.

OHIO EXPERIMENTAL STATION, WOOSTER, OHIO.

The King Raspberry is fine indeed. Large, firm, beautiful color and prolific. It is far ahead of Loudon or Miller here.

PROF. W. J. GREEN.

Your King Raspberry has done remarkably well. It is a good grower; early, bright, firm, productive and not inclined to crumble. I picked a few ripe berries from it June 7th, a full week ahead of Palmer and Hureka.

W. W. FARNSWORTH, Secretary Ohio State Horticultural Society.

PARKSLEY, VA., June 24, 1896.—Your letter at hand. You ask me what I have to say about the King Red Raspberry. Having seen it in full bearing in this state, besides many others, reds as well as other classes of raspberries, I am glad to have a chance to say a good word for it. The plant is very healthy and robust, and exceedingly productive. The fruit is as large as any berry of its class that I have seen and that includes about all the new ones. Its color is very bright for a red variety, and its flavor is equal to that of any of them. My experience with it is that the berry is firm enough to ship to any market in good condition. In season it is among the very early ones. If I was going to set red raspberries extensively or in a small way, I would put King in as one of the leaders.

PROF. H. E. VAN DEMAN.

Price, 20c. each; \$2.00 per dozen.

The M. A. Thayer (Wis.) Fruit Farm experience with the Loudon is: "In short that Loudon is the best red raspberry for productiveness, quality, shipping qualifications and growth, after testing it alongside leading standard varieties."

Mathew Crawford, the veteran of Ohio, says: "I believe Loudon to be the most valuable, hardy, market red raspberry I ever saw." Good color, large size, fine flavor.

Price for Loudon Raspberry plants, 40c. per dozen; \$2.00 per 100.

Miller's Red. Very early. Berries bright red, large, and hold their size to the end of the season. Very firm, hence valuable to ship to distant market. In most markets a red raspberry to be really valuable must be a bright red and ripen very early; this Miller does, and hence is one of the very best and profitable to plant. Plants are now very low. Price, 25c. per dozen; \$1.00 per 100.

Cuthbert, or Queen of the Market. A remarkably strong, hardy variety; stands the Northern winters and Southern summers equal to any. Berries very large, measuring three inches around; conical, rich crimson; very handsome, and so firm they can be shipped hundreds of miles by rail in good condition; flavor is sweet, rich and luscious. The leading market variety for main crop. Price, 25c. per dozen; 75c. per 100.

Brandywine. Found growing wild at Wilmington, Delaware. Canes hardy, of moderate growth. Do best on very rich soil. Fruit firm, good color. Quality better than Cuthbert. Valuable market sort. Price, 20c. per dozen; 75c. per 100.

Rancocas. Fruit large; ripens entire crop early, making it valuable as a market variety. Color, dark red. Price, 20c. per dozen; 75c. per 100.

Golden Queen. This variety is almost identical with Cuthbert, except in color. Fruit large, productive; quality first-class. It is beyond doubt the finest and most profitable yellow berry grown. Price, 25c. per dozen; \$1.25 per 100.

BLACKBERRIES.

Eldorado. Like many of our best fruits, Eldorado is an accidental seedling, and takes its name from the town close by where it was found in Preble County, Ohio. It has been cultivated 14 years and under careful test at different experiment stations for four years; has never winter-killed or failed to produce a full crop of the finest fruit. The vines are very vigorous and hardy, enduring the winters of the far Northwest without injury, and their yield is enormous. The berries are very large, jet black; borne in large clusters, and ripen well together; they are very sweet, melting and pleasing to the taste; have no hard core; fruit will sell 50c. to \$1.00 per bushel higher than Snyder.

We quote words of commendation from the following high authority :

"This berry was noted last year, and is of much promise; so much that a special colored plate has been made. It is an oblong, irregular berry of large size, fruiting in pendulous, slender, hairy spikes with few thorns. Color black; flesh deep crimson, with tender core; flavor sweet, rich quality and very good."

U. S. Department of Agriculture, Washington, D. C., H. E. VAN DEMAN.

From the Ohio Experiment Station: "Eldorado is the most promising blackberry. It appears to be as hardy as Snyder, is larger and of better quality."

W. J. GREEN, Horticulturist.

Price, 50c. per dozen; \$1.50 per 100.

Early King. An extra early and exceedingly hardy variety of great merit. Canes of strong growth, as hardy as Snyder, and very prolific. It is larger and earlier than Early Harvest, and its delicious sweetness renders it of special value for the home garden. It is also free of double blossoms, rust or other disease. It has been thoroughly tested at the North, and has given very general satisfaction. Price, 75c. per dozen; \$2.50 per 100; \$20.00 per 1,000.

Maxwell (Early.) An early berry of much value. Canes free from rust, double blossom or other diseases. Fruit large, sweet and rich. As an early sort it has all good points in its favor, being as large as Wilson's Early and as early as Early Harvest. Its productiveness is beyond dispute. Price, 40c. per dozen; \$1.50 per 100.

Rathbun. Said to surpass any blackberry that has yet been produced; and with its high quality it combines other most desirable points. The berries are large, larger than Kittatinny, of an intense jet black, very glossy and of permanent color, never turns red, without any hard core, small seeds, extra fine quality, with a peculiarly rich aroma, and sufficiently firm to carry well to market. It is in habit of plant, however, that this variety differs from others. The plant suckers very little; it makes a strong, upright main stem, from which the branches start out long and drooping, and the ends of which root readily in the ground, like Blackcap raspberries, if covered lightly with soil. It is not a dewberry, as one might suppose from this description, but simply a blackberry with the tip-rooting habit; its central stem is as erect and stout as that of any other blackberry. It forms a compact bush of four to five feet high, with canes much less thorny than other varieties, and yields abundantly. In the matter of hardiness it has been well tested at its home, where it has safely endured a temperature of 15 to 18 degrees below zero without injury. It ripens early—about with the Wilson. All who want a large blackberry of the highest quality should certainly try this.

Price, 15c. each; \$1.50 per dozen; \$8.00 per 100.

CORNELL UNIVERSITY, COLLEGE OF AGRICULTURE, ITHACA, N. Y., July 21, 1896.
 The Rathbun Blackberry is now in full fruit, and we are very much pleased with it. It is midway between a blackberry and a dewberry in habit, as also in earliness. The berries are exceedingly large, glossy, jet black and of good quality. I certainly think that there is a future for it.

L. H. BAILEY,
 Professor of Horticulture.

OHMER.

Ohmer. This valuable variety broke all former records the past season. Reports were favorable from all parts of the country. The bushes were loaded with fruit from the end back to the main stem, and such fruit as it was—large, jet black and luscious. Every one wanted to buy Ohmer, and had we ten times as many they would have sold at fancy prices, while common kinds went begging. On our grounds the average yield was 200 bushels per acre.

DESCRIPTION—(Purchased from the disseminator of the Gregg Raspberry.) Hardy, healthy, very large; ripening after raspberries are gone, and lasting till late in August, when prices are up. Excellent quality; firm; no core. Five points which recommend this berry: Hardy, late, large, productive and of the finest flavor; also brings 50c. to \$1.00 more a crate than Snyder or Taylor. As large as the largest; as hardy as any good berry; very productive; strong grower; finest quality and late. Price, 50c. per dozen; \$2.00 per 100.

Agawam. Medium size; jet black; very sweet; no core. With good care it is valuable, especially for home use. Price, 30c. per dozen; \$1.50 per 100.

Wachusett (Thornless.) Remarkable from the fact it is almost entirely without thorns. Strong grower; fruit fair size; sweet and moderately productive. Price, 75c. per dozen; \$2.00 per 100.

Minnewaski. One of the largest. Very productive; fruit tender, without core; glossy black, with fine flavor. It is hardy and in every way valuable, either for market or home use. Price, 50c. per dozen; \$2.00 per 100.

Taylor. Berry medium size; jet black; ripens late; of much value, as it comes in after main crop of Snyder and other kinds are gone. Bush strong grower. Price, 25c. per dozen; \$1.25 per 100.

Lovett's Best. Hardy, large and productive; claimed to be free from disease and double or rose bloom. Price, 30c. per dozen; \$1.50 per 100.

Wilson Early. Good market variety; berry very large, sweet, good. It is a prolific bearer. Early. Price, 25c. per dozen; \$1.25 per 100.

Early Harvest. A strong, healthy grower; very early cropper; productive. Fruit is of medium size, of bright glossy black, and is a good shipper. Succeeds best on sandy soil. Price, 25c. per dozen; 75c. per 100.

Snyder. Every one knows Snyder to be an old favorite and valuable for main crop. Price, 25c. per dozen; \$1.00 per 100.

ICEBERG.

be seen in the berries when ripe. Clusters, larger than those of Lawton; berries, as near as could be judged, were at least as large, earlier, sweeter, and more tender and melting throughout, though as firm as Lawton is when ripe."

From (PROF.) EMORY E. SMITH, Leland Sanford, Jr., University, Cal.: "I can still see in my mind's eye those magnificent hybrid berries in your experiment grounds, but I feel I can not fully appreciate your work, for it would take weeks, rather than hours, to give the experiments the careful inspection which they deserve."

Price, 25c. each; \$2.00 per dozen.

Kittatinny. An old variety of great value where it is not affected by rust. Fruit large; berry long, and ripe as soon as black. Medium early. Price, 25c. per dozen; \$1.25 per 100.

Wilson, Jr. A valuable market berry on account of large size, jet black color and splendid flavor. Not perfectly hardy in some parts. Price, 30c. per dozen; \$1.50 per 100.

Ancient Britton. One of the best of hardy varieties; in Wisconsin and other northern states, is superseding all other kinds; without booming, has worked its way on its own merits to the highest place as a profitable and valuable market sort. Very vigorous, healthy and hardy, producing large fruit stems, loaded with good-sized berries of fine quality that carry well and bring highest price in market. For general planting for home or market in all sections subject to severe winters, the Ancient Britton is recommended as a first-class variety. Price, 50c. per dozen; \$2.00 per 100.

Erie. This is a hardy variety, a vigorous grower and quite productive. Foliage clean and free from rust. Fruit large and of good quality; 102 average-sized berries weigh one pound. Price, 30c. per dozen; \$1.50 per 100.

Stone's Hardy. Strong grower; perfectly hardy; canes full of spines. In order to get best results it should receive thorough cultivation or heavy mulch, and thoroughly pruned, as it sets more fruit than it can mature properly under ordinary cultivation. Price, 25c. per dozen; \$1.25 per 100.

Lawton (*New Rochelle*.) An old favorite, esteemed for its productiveness and large size. Like Kittatinny, it is of strong, erect growth, but much more free from rust. The berries are large and delicious when fully ripe, but turn black before ripening, and are then hard and sour. It succeeds over a wide range of country, and is one of the best standard sorts, but has now been superseded by Erie, which is hardier. Mid-season to late. Price, 25c. per dozen; \$1.25 per 100.

Lucretia Dewberry. Claimed to be the best of the blackberry family. As hardy as Snyder; as productive as any. The berries are far larger and incomparably better than any blackberry, and 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 from Maine to California, from Minnesota to Florida, is something phenomenal in small fruit culture. Its trailing habit renders it less liable to winter-kill. Price, 30c. per dozen; \$1.25 per 100.

Iceberg. Raised by Luther Burbank, the "Wizard of Horticulture," whose originations have world-wide fame and value. The following is Mr. Burbank's own description of White Blackberry Iceberg. He says:

"Owing to the somewhat unsatisfactory qualities of white blackberries so far known, the impression may have been entertained by some that no white blackberry could be as productive and hardy, with berries as early, abundant, large, handsome and delicious as the best black ones. The well known Lawton is, when ripened, unsurpassed, and very generally known as the most productive market berry. Owing to its fixity of race, it will reproduce itself from seed almost exactly, and its seedlings will not be influenced, when raised from seed pollinated by other varieties, but it readily imparts its good qualities when employed as the staminate parent. One of the great-grandparents of Iceberg was Lawton. The first generation of seedlings, when crossed with Crystal White, was all black; the second also, though varying much in other respects; but the third produced this wonderful plant, bearing the snowiest white berries ever seen. Very little attention was paid to the long rows of cross-bred descendants, until one day this berry was discovered, among its black relatives, with the canes bending in various directions with their load of delicious, snowy berries, which are not only white, but so transparent that the seeds, which are unusually small, may

Valuable book on transplanting and care of plants sent free with each order amounting to \$1.00 or over.

CURRENTS.

POMONA CURRANT.

ALL FORMER RECORDS BROKEN. NO COMPETITOR.

Pomona. (Description by introducers.)—

In one year (1894) the crop of fruit from $6\frac{1}{2}$ acres of **Pomona Currants** was sold at wholesale for over \$4,076, or over \$627 per acre.

In three consecutive years (1892, 1893 and 1894) the fruit from this same $6\frac{1}{2}$ acres of **Pomona Currants** was sold at wholesale for over \$9,000, making over \$1,384, or over \$461 per acre.

In 1892 the fruit from this $6\frac{1}{2}$ acres of **Pomona Currants** was sold for over \$3,400 per acre, yet of the 83 rows making the $6\frac{1}{2}$ acres, 19 rows were planted in 1887, 41 rows in 1889, and 23 rows in 1890, making the average time that these have been planted less than $3\frac{1}{2}$ years, and the 60 rows first planted had borne a heavy crop in 1891.

Eighteen years with but one failure, and that in 1895. A heavy crop again in 1898. Plants 18 years

old produced this year more than two gallons each, and in 1894 these same plants produced 12 quarts each.

Remember: The above **unparalleled record** is actual acreage yield (not estimated product of a few petted plants), and was secured by only good ordinary field culture.

The **POMONA** is a most vigorous grower, open in habit, does not sucker badly, causing a choking at collar and dying out of inside branches, as do most others; is entirely hardy, and comes into bearing profitably the second year after planting. It costs but five cents per gallon for picking, so you can see what would be the net profits compared with other fruits. The net profit per acre in 1894, after paying for picking, crates, freight and commission, was \$426.38 per acre, or \$2,771.47 on the $6\frac{1}{2}$ acres in one season. Price, strong plants, 15c. each; \$1.50 per dozen; \$8.00 per 100.

Cherry. Strong grower; fruit very large, sometimes measuring one-half inch in diameter. Should have good soil and thorough cultivation. Price, 10c. each; 75c. per dozen; \$3.00 per 100.

Red Dutch. Berries medium; profuse bearer; bush very strong grower and comparatively free from borers. Price, 10c. each; 60c. per dozen; \$2.50 per 100.

Victoria. Large; bunches long; berries bright red color, of excellent quality; bush good grower; extremely hardy. Perhaps this is the best of the older varieties of currants. Price, 10c. each; 75c. per dozen; \$3.00 per 100.

White Grape. The best white currant. Fruit large and sweet; bush good grower, and produces large crops. Price, 10c. each; 75c. per dozen; \$3.00 per 100.

North Star. The strongest grower of any of the red currants, and exceeds all other varieties in productiveness, and were it not for its great vigor of growth, it would, by overbearing, soon become exhausted. Such productiveness will, in every locality, need a liberal supply of manure, ashes, or other plant food in order to continue to produce fruit of the largest size and in such abundance. It is a variety, too, which needs a good bit of ground to stand upon, requiring double the room of other sorts. Notwithstanding its great vigor, it has proved to be hardy wherever tried without a single exception. Single berries of that short-bunched Cherry Currant can be grown to a larger size than the North Star, but the average bunches of the latter are much heavier, while in quality the fruit is less acid, and more agreeable to eat out of hand than the Cherry or any other popular variety. In quality it is nearer the flavor of the Red Dutch than any other variety.

Having tried all, or nearly all, of the currants of the Old World, and such as have originated in America, we have given the North Star the preference, because it combines more good qualities than any other.

At a recent meeting of the Michigan State Horticultural Society, Professor Taft, in answer to the question, "What is the best new variety of currants?" replied that he considered the North Star the best and most promising

"WHAT ARE THE CLAIMS OF THE NORTH STAR?"

Extreme hardiness; grows freely from layers or cuttings; early and abundant fruiting, and a strong grower. Price of good, strong plants, 10c. each; \$1.00 per dozen; \$4.00 per 100.

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 in quality 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."

Price, 25c. each; \$2.00 per dozen.

President Wilder. Strong grower; very prolific; large and sweet. Price, 25c. each; \$2.00 per dozen.

Versailles. A currant of great beauty, as bunches are long and berries of large size and excellent quality. 10c. each; 75c. per dozen; \$3.00 per 100.

NORTH STAR.

Fay's Prolific. Perhaps no other currant has received so much praise as has Fay. It is very large, and always sells well and at high price. Yet the Fay is not universally popular, as it does not seem to do well in all parts; in fact, some rather condemn it. We consider it does better on heavy clay soil, well manured and thoroughly cultivated, than on lighter soils. Price, 10c. each; \$1.00 per dozen; \$4.00 per 100.

Lee's Prolific (Black.) Considered one of the best black currants. The fruit is large and produces abundantly. Never attacked by insects of any kind. Valuable for making jellies, jam and wine. Price, 10c. each; 75c. per dozen; \$2.50 per 100.

GOOSEBERRIES.

Chautauqua. *The New White Gooseberry.* Equals the finest and largest varieties in size, beauty and quality, and excels them all in vigor and yield. The bush of the Chautauqua is very vigorous; stout, stiff, upright grower, having the usual complement of thorns. It should not be planted closer than four by six feet apart. Its leaves are large, glossy and dark green. Its fruit is of a beautiful light yellow color, perfectly free of spines and hair, veined and translucent, averaging in size 1 to 1½ inches in diameter, although we have often grown them 1½ inches long. It is rather thick-skinned, but very sweet and of exquisite flavor. Price, strong plants, 25c. each; 5 for \$1.00.

Red Jacket.

Red Jacket. What the introducer says of it:

"When we introduced this new gooseberry, it was with entire confidence that it possessed the best foliage and was the most vigorous in growth of any gooseberry in America; also that it was a good cropper and fruit of very best quality. Although a pure native American (no English blood), it required time to get reports from other states where it was being tested. The next most important question was whether it would in other localities be afflicted with that curse *mildew*, which, in America, affects not only all English gooseberries, but all tainted with English blood. We knew it was all right as to *mildew* in our state, but we were agreeably surprised to hear so much good from such a wide extent of territory."

Price, strong plants, 25c. each; \$2.50 per dozen.

Pearl. This is a very desirable American variety—a cross between Houghton and one of the large English varieties. It is very hardy, entirely free from mildew, superior in size and quality and more productive than the Downing, and is likely to supersede this standard sort. From the many flattering testimonials of this new berry from most of the leading horticulturists, we have pleasure in recommending this variety for small or extensive planting as one of the best berries of recent introduction. Price, 20c. each; \$2.00 per dozen.

Smith's. Large, pale, greenish yellow; skin thin; of excellent quality, being unsurpassed by any other variety for table use and cooking; bush moderately vigorous and excessively productive. Price, 10c. each; 60c. per dozen; \$3.00 per 100.

Industry. Vigorous, upright growth; berries large, oftentimes measuring one and one-half inches in diameter; of excellent flavor; color dark red; of English birth. Thrives best in partial shade. Price, 15c. each; \$2.00 per dozen.

Downing. A large, handsome fruit; green in color; fine flavor; immense cropper, and always in demand at fancy prices. American variety, free from mildew; bush strong grower; wood thick and strong. Price, strong plants, 10c. each; 60c. per dozen; \$3.00 per 100.

Houghton. Berries medium under ordinary care, but if thinned thoroughly in fall or spring, fruit will be greatly improved. Color pale red; tender and good; plants make a spreading growth of rather slender wood; enormously productive. Price, strong plants, 5c. each; 50c. per dozen; \$2.50 per 100.

Industry.

BERRY CRATES.

Ours are the best on the market. Only 25c. each, filled with baskets. Baskets alone, \$4.00 per 1,000.

Also a full line of Peach and Grape Baskets.

Prices on application.

OUR BOOK ON TRANSPLANTING.

W. N. SCARFF:—Your little book on transplanting is a jewel. Every planter should have one. They are free to our customers. Worth \$1.00 to any one.

MEDINA, OHIO, December 27, 1898.

BERT FISHER.

Our stock of grape vines was never finer, and we are prepared to quote very low rates on any variety by the 100 or 1,000. We feel sure that in this line we can save you at least 25% on your purchase.

McPike Grape. Equal, if not superior, to Black Hamburg in quality. Description by committee appointed by Alton (Ill.) Horticultural Society to examine this new acquisition :

Alton Horticultural Society. Report of Committee.

MR. PRESIDENT: Your committee, appointed to visit the vineyard and examine the new grape shown by H. G. McPike at our last two meetings, and named "McPike," respectfully report that on Thursday, September 5th, the vineyard was visited and we were shown the vines, some of them yet loaded with fruit. We found the quality to be better than Concord or even the Worden, some of the committee going so far as to place it alongside of the Wilder or the Goethe in quality, while its enormous size at once attracts attention. We found, by measurement, some berries to be $3\frac{3}{4}$ inches in circumference. We were especially interested in our examination of the vines and foliage. The original vine, a seedling of the Worden, planted by Mr. McPike, is now seven years old. We confidently recommend this new grape as a valuable addition to our short list of grapes worthy of cultivation. We congratulate Mr. McPike, our veteran grape grower, on the success that has crowned his efforts after more than thirty years of persistent labor to produce a vine healthier than the Concord and of far better quality.

E. H. RIEHL,
JOHN M. PEARSON,
W. E. GRADOLPH, } Committee.

A prize winner wherever shown; never failed to win first premium at any county or state fair where exhibited. *None genuine unless metal seal is attached to each vine.* Price, \$1.00 each; 6 for \$5.00.

Campbell's Early. This is not a chance seedling, but the result of carefully conducted experiments by the originator through successive crossing of the most promising varieties which he had produced or tested within the past thirty years. Some points of special merit in Campbell's Early are a very strong, vigorous, hardy vine, with thick, heavy, mildew-resisting foliage, and bearing abundant clusters; very large, compact and handsome. Berries large, often an inch or more in diameter; black, with light purple bloom; skin thin, but very tenacious; flesh firm, but tender, parting easily from its few and small seeds. Flavor rich, sweet, slightly vinous, free from foxiness, and as the seeds part readily, they need never be swallowed. Its season is very early—from 15th to last of August in Ohio—and its keeping qualities remarkable, having hung upon the vines sound and perfect for six weeks or more after ripening, with no tendency to fall off or shell from the stem. Price, 75c. each; 5 for \$3.25.

Eaton. A seedling of Concord, but claimed of more vigorous growth, quite as productive, with large and better fruit. Bunch very large, compact; berries very large, round, black, covered with a thick blue bloom. Early. Price, strong vines, 20c. each; \$2.00 per dozen.

Moore's Diamond. The color is a delicate greenish white, with a rich yellow tinge when fully ripe; very few seeds, juicy and almost entirely free from pulp, which makes it almost transparent. Berry size of Concord and two weeks earlier. Price, 15c. each; \$1.50 per dozen.

Moyer. An early red grape of Canadian origin, supposed to be a seedling of Delaware. Fruit medium size, fine flavor, perfectly free from foxiness; vine a good grower, perfectly hardy. While it resembles Delaware very much, it ripens fully one month earlier. Price, 15c. each; \$1.50 per dozen.

Brighton (Red.) Perhaps the best red grape in cultivation. Bunch large and compact; a strong grower and very productive; quality good. Price, 15c. each; \$1.50 per dozen.

Champion (Black.) One of the strongest growers and very productive. Quality not first-class; however, owing to its early ripening, it is largely grown and popular as a market grape. Price, 10c. each; 75c. per dozen.

Concord (Black.) An old favorite; does well wherever planted; good size; productive. Price, 10c. each; 75c. per dozen.

Early Ohio. It is the best grape of the season, and the best early black grape we have yet seen or tasted. Its exceeding earliness, along with its other qualities, makes it a decided acquisition. Price, strong vines, 25c. each; \$2.50 per dozen.

Niagara.

Moore's Early. A large black grape, ripening a week earlier than Concord; good grower; berries large, good quality, and makes a moderate yield; very valuable as an early grape. Price, 15c. each; \$1.50 per dozen.

Ives (Black.) A vigorous grower, used largely for wine; ripens early; fruit medium size; sour; very productive. Price, 10c. each; \$1.00 per dozen.

Niagara (White.) The most popular white grape in existence. Fruit large and very productive; a good grower, ripening same season as Concord; quality good; valuable in every way. Price, 10c. each; \$1.00 per dozen.

Pocklington (White.) Next to Niagara in value; ripens a week later; fruit large; bunches shouldered and compact; vine a moderate grower. Give it good soil and it will repay you. Price, 10c. each; \$1.00 per dozen.

Wyoming (Red.) A popular market sort. Berry small; quality good; very productive and hardy, resembling Delaware somewhat; valuable for home use or market. Price, 10c. each; \$1.00 per dozen.

Worden (Black.) A valuable black grape, ripening from three days to a week before Concord. Berry large, of good quality; thin skin; very productive; vine a strong grower. The most popular black grape grown today. It comes in early enough to avoid the rush of Concords, thus bringing 1 to 3 cents per pound more. Price, 10c. each; \$1.00 per dozen.

Woodruff (Red.) This very large and handsome grape is a seedling of Concord. The vine is a very strong grower, free from disease and very hardy, never having been injured by the cold in the slightest. Bunch large; shouldered; berry very large and does not drop from stem. Price, strong vines, 15c. each; \$1.50 per dozen.

Colerain. Color light green, with delicate whitish bloom; size medium; ripens early and hangs well on the bunch; a good grower and abundant bearer; skin thin and tender. Price, 25c. each; \$2.50 per dozen.

Delaware (Red.) A grape of finest flavor. Bunch and berry small and compact; sweet, thin skin; slow grower, and must have good soil and careful handling to get best results. Price, 15c. each; \$1.50 per dozen.

Early Victor (Black.) An early black grape, ripening a week ahead of Concord. A good grower; berry small; bunch very compact; valuable for market or home use. Price, 15c. each; \$1.50 per dozen.

Elvira (White.) Bunch compact; medium size; good grower; used principally for wine. Price, 10c. each; \$1.00 per dozen.

Empire State (White.) More productive in some parts than others; medium size, berry ripening September 1st; bunch long, of good quality; good grower. Price, 15c. each; \$1.50 per dozen.

CHERRIES.

Price, fine trees, 5 to 6 feet, well-headed and good roots, 25c. each; \$2.50 per dozen; \$20.00 per 100.

Gov. Wood. One of the best cherries. Large, light red, juicy and delicious. Tree healthy and a good bearer. Early June.

Yellow Spanish. Very large, yellow and rich; a popular variety. Is of Spanish origin.

Dyehouse. In wood and fruit, it shows a percentage of both Morrello and Duke. Bears early, and is a sure fruiter. A week earlier than Early Richmond.

Early Richmond. Dark red; medium size; very popular. A standard and time-tried variety. Early May.

Montmorency. Larger than Early Richmond, about ten days later, and is probably the best and most paying variety in cultivation.

Louise Phillippe. Very productive; large fruit; round; a very good variety. Early July.

Ostheim. Of German origin. Large; ripe to dark red. Tree hardy.

Rein Hortense. Large, red and juicy; one among the best. Late.

White Cap Yellow Dent Corn. Another season more fully convinces us that our new White Cap Corn comprises more good points than any variety ever grown, being suitable to all climates and soils. It matures very early, even ahead of Leaming by five to ten days. The ears are large and well filled. On ordinary clay soil this variety will produce fully double the crop of any variety known. It matures in ninety to ninety-five days, commands the highest market price, and, taking all in all, is the best filled corn grown today. As the name implies, it is a white cap corn—not a white corn, but a yellow kernel with a small white cap, giving it the appearance at first sight of white corn. This variety was obtained by crossing yellow and white varieties. The ears are of good length, perfectly straight, small cob, with deep grains filled out to the very ends. Produces well on black or clay soil, or, in fact, where any other corn will grow. Why grow common kinds when you can get double the yield by using White Cap? Price, 40c. per peck; \$1.25 per bushel; five bushels for \$5.00. Sacks free.

Mammoth Yellow. This is the largest yellow corn grown; especially valuable for rich bottom land. Ears very large, heavy cob, weighs well and makes a wonderful yield. For market this is a valuable variety to grow, as it makes very large, heavy ears that make bushels rapidly and weigh well, although not so valuable for feeding at home as the White Cap corn. Price, 40c. per peck; \$1.25 per bushel; five bushels for \$5.00. Sacks free.

SEED POTATOES.

Carman No. 3. Originated by E. S. Carman (Editor of *Rural New Yorker*), whose name it bears, and is described by him as follows: "It may be freely claimed that it does not yield any small tubers at all in ordinary seasons. It is of the largest size, the tubers usually averaging in weight a pound each. It is a perfect keeper; both skin and flesh of extreme whiteness. Foliage is heavy and of a dark green color." Has a record of 630 bushels per acre as grown in New York. Price, \$1.25 per bushel; \$3.00 per barrel.

Banner. A new potato of merit. It is of handsome shape, oblong, and slightly flattened on the sides; few eyes and very shallow; comparatively free from scab. It has never been known to pro

Any one of these collections (except the Model Fruit Garden) by mail, postpaid, for only \$1.00. These collections are very popular among our customers, and give perfect satisfaction :

\$1.00 STRAWBERRY COLLECTIONS.

- No. 25. 6 Carrie, 6 Clyde, 6 Brunette, 6 Wm. Belt, 6 Tennessee, 6 Earliest.
- No. 26. 6 Marguerite, 6 Glenn Mary, 6 Brunette, 6 Brandywine, 6 Pet.
- No. 27. 6 Marguerite, 6 Carrie, 6 Glenn Mary, 6 Nick Ohmer.
- No. 28. 6 Carrie, 25 Brandywine, 25 Shuckless, 25 Hall's Favorite.
- No. 29. 25 Staples, 25 Brandywine, 25 Haverland, 6 Ponderosa.
- No. 30. 125 Strawberries. Our selection of varieties three kinds.

\$1.00 RASPBERRY COLLECTIONS, POST-PAID.

- No. 31. 6 Munger, 6 Eureka, 6 Miller, 6 Thompson.
- No. 32. 6 Gault, 6 Columbian, 6 Loudon, 6 Kansas, 3 Munger.
- No. 33. 3 Munger, 3 Eureka, 3 Columbia, 3 Loudon, 3 Gault.
- No. 34. 50 Turner, 50 Hansell.
- No. 35. 12 Columbian, 12 Eureka, 3 Munger.

\$1.00 BLACKBERRY COLLECTIONS, POST-PAID.

- No. 36. 12 Eldorado, 12 Maxwell, 12 Thornless, 2 Rathbun.
- No. 37. 12 Ohmer, 12 Maxwell, 12 Thornless, 2 Iceberg.
- No. 38. 12 Eldorado, 12 Ohmer, 12 Stone's Hardy.
- No. 39. 3 Rathbun, 12 Eldorado, 12 Taylor.
- No. 40. 50 Eldorado.
- No. 41. 25 Eldorado, 25 Early Harvest, 2 Rathbun.
- No. 42. 25 Eldorado, 25 Maxwell, 2 Iceberg.

\$1.00 CURRANT AND GOOSEBERRY COLLECTIONS, POST-PAID.

- No. 43. 2 Pomona, 6 North Star, 6 Victoria, 1 Long Bunch Holland.
- No. 44. 1 Pomona, 1 Wilder, 6 North Star, 1 Red Cross.
- No. 45. 6 North Star, 6 Victoria, 6 White Grape, 1 Pomona.
- No. 46. 3 Chautauqua, 3 Red Jacket.
- No. 47. 10 Houghton, 10 Downing, 10 North Star.
- No. 48. 1 Chautauqua, 1 Red Jacket, 1 Pomona, 1 Wilder, 1 North Star.

OUR POULTRY YARDS.

BANTAMS.

BUFF PLYMOUTH ROCKS.

A new breed of great merit, retaining all the good qualities of their Barred Cousins. Legs, beak and skin are a rich orange yellow, while their combs, wattles and ear-lobes are a bright red. This, together with their rich, buff plumage, makes them very attractive. Price of eggs, \$1.75 per setting.

SILVER WYANDOTTES.

Wyandottes, like the Plymouth Rocks, are purely an American breed. They are becoming very popular on account of their great beauty of form and color, joined to their practical worth. They are intelligent, of a quiet disposition, and a splendid general purpose fowl, and by some claimed to be superior to the Plymouth Rocks. Wyandottes weigh, cocks 8½ pounds; hens 6½ pounds. They are hardly as large as Plymouth Rocks, but mature rapidly, and being clean legged, with rich, yellow skin; they are an excellent table fowl. They are splendid for

GOLDEN WYANDOTTES.

To accommodate our customers we have extended our poultry yards, and added a number of new and desirable breeds. Our breeding pens are made up of good birds, and our prices are within the reach of all. Eggs are packed in the best possible manner, and we feel confident that we can please you.

BANTAMS.

The Golden Seabright Bantams are the most popular of this class of fowls. Excellent winter layers, good foragers, healthy and perfect beauties. Price of eggs, \$1.00 per setting.

LIGHT BRAHMAS.

Light Brahmans have stood the test for over thirty years, and are still as popular as ever. They are the largest of all our breeds, full grown males weighing 12 to 14 pounds, and females 9 to 10 pounds. Price of eggs, \$1.50 per 13.

WHITE PLYMOUTH ROCKS.

An excellent and most popular breed; pure white; yellow legs; medium-sized comb that stands the winter well. They are identical to the Barred Plymouth Rock (of which it is an offspring) except in color. They stand confinement well, and can be kept within a four foot fence, yet they love freedom, and a flock as seen strolling over a green lawn is a picture long to be remembered. Price \$1.00 per 13.

BARRED PLYMOUTH ROCKS.

So well known that a description is not necessary. They are acknowledged the farmer's fowl. While not so beautiful as the White Plymouth Rocks, they are equally as good. Price of eggs, \$1.00 per 13.

WHITE PLYMOUTH ROCKS.

eggs and flesh. A good fowl for the farm. Price of eggs, \$1.25 per 13.

BROWN LEGHORNS.

The Leghorns all have an excellent record as layers. Pullets often begin laying when only five months old and lay all winter. Hens have laid on an average 240 eggs per year in some flocks. They thrive fairly well in confinement. They are practically non-sitters, which is a great advantage when eggs are the product mainly desired. Price of eggs, \$1.00 per 13.

GOLDEN WYANDOTTES.

This is a new and popular breed of fowls, and after a thorough trial we find them among the very best. In color they are a rich golden bay, laced with black, and as no color harmonizes with black better than gold, and as no golden fowl has such rich golden plumage, they are undoubtedly among the handsomest of fowls. As a general purpose fowl they rank among the very best, being good layers, and of a good size, and as they mature quite young, we claim them to be one of the very best general purpose fowls. Price of eggs, \$1.00 per 13.

PEKIN DUCKS.

The Pekin Duck was unknown in this country previous to 1873. They are white, with a yellowish tinge to the under part of the feathers, wings of less than medium length, make no effort to fly, and are easily kept in confinement. Yellow beaks, long neck, legs short and red. They are very large, weighing at four months old about twelve pounds to the pair. They are excellent layers as well as table fowls. Price of eggs, \$1.50 per 13.

W. A. SCARFF,

New Carlisle,
Ohio.