Historic, archived document

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

62.37
View Setting Plants in March, 1903,
on Allen's Plant Farms.

ALLEN'S STRAWBERRY CATALOGUE FOR 1904

Same View as above.
October, 1903, Allen's Plant Farms.

A bunch of men at work on an order for 100,000 Gandy plants, digging and cleaning in the field. The roots of plants are never allowed to get dry. In digging, the plants are simply loosened up and taken from the loose soil only as fast as they are cleaned, when they are at once placed in the baskets and taken to the packing house to be bunched and packed. My forces frequently number a hundred men, and sometimes more.

“Strawberry Culture,” advertised elsewhere in this catalogue, is a little book of 60 pages, which tells truths about growing strawberries, than were ever told before in one volume. Send for a copy to-day, and if you do not agree with me in the above assertion, and you are not satisfied that the book is worth to you four times what I ask for it, you may return it and get your money. That is as fair as I could offer, isn’t it? Price, 25 cents, post paid.

Get your Farm Journal

The single subscription price of the FARM JOURNAL IS 75 CENTS for 5 YEARS, but we have made arrangements by which our customers and friends may obtain the paper on trial one year at the 5 YEAR RATE, by mailing this coupon with 15 CENTS direct to

W. F. ALLEN, Salisbury, Md.

YOU WILL BE DELIGHTED WITH THE PAPER, AND WILL THANK US FOR INTRODUCING YOU TO IT. THE FARM JOURNAL IS A GEM. IT IS TWENTY-SIX YEARS OLD. IT IS PRACTICAL. IT IS FOR THE FARMER, STOCKMAN, TRUCKER, FRUIT GROWER, DAIRYMAN, POULTRYMAN, THE WOMEN FOLKS AND THE BOYS AND GIRLS. BOILED DOWN MUCH IN LITTLE CREAM, NOT SKIM MILK FULL OF GUMPTION FULL OF SUNSHINE. A STRAUNCH ADVOCATE OF THE RIGHTS AND INTERESTS OF COUNTRY PEOPLE. IT IS GENUINE, HONEST, CLEAN, PROGRESSIVE, KNOWS WHAT TO LEAVE OUT AND WHAT TO PUT IN. IT HAS ALREADY OVER 2,500,000 READERS, LIVING FROM MAINE TO CALIFORNIA AND CANADA TO TEXAS. IT IS THE BEST KNOWN FARM PAPER IN THE COUNTRY. YOU OUGHT TO TAKE IT.

W. F. ALLEN, Salisbury, Md.
Choice Strawberry Plants a Specialty.

SEE OTHER SIDE

TO THE PUBLISHERS OF **FARM JOURNAL**
PHILADELPHIA, PENNA.

In Accordance with the

SPECIAL ONE YEAR TRIAL OFFER

made on the other side of this coupon I enclose herewith the sum of **FIFTEEN CENTS** for which send me the **FARM JOURNAL** one year.

Name _____

Sp. _____

State _____

NOTE:— ENCLOSE THE FIFTEEN CENTS AND THIS COUPON CAREFULLY IN A STRONG ENVELOPE
ADDRESSED TO **FARM JOURNAL, PHILADELPHIA, PA.**

SEE OTHER SIDE

My Traveling Salesman:

My catalogue has now been making an annual tour to all parts of the Country, for about 18 years, and by this time should be well enough acquainted not to need an introduction. Presuming this is true, after making a few preliminary remarks, he will get down to business, and tell you what he has to offer, and give you rock bottom net prices. One price to all, no discounts.

For a number of years I sold quite a large portion of my plants through agents, giving them 20% for their services. This, however, proved unsatisfactory, and in spring of 1900 I discharged all agents, and announced a scale of discounts to our customers, allowing them the commissions I had been paying the agents. Those ordering for themselves, or in clubs to the amount of 20,000 plants, received the full 20%. This venture was so well received, that my sales doubled immediately. For three years I have been following this system successfully, and scores of nurserymen have adopted this system. But those who are progressive, must not fall in the ruts of doing as our fathers did, or as we used to do. New and better ways are being adopted in farming and fruit growing, as well as in manufacturing. The consumer is gradually getting closer to the producer, and thereby, dispensing with middle-men.

For 1904 all prices in my catalogue are net cash, all discounts having been taken off, and the lowest net price given for quantity named. This change should be immensely popular with my customers, and I believe it will, as you do not have to send a large order to get bottom prices.

MY PLANTS.

The past season has been above the average for growing good plants, and my stock is large, and my plants well rooted.

My prices are as low as good plants put in proper condition can be sold at a living profit.

I have now been growing and selling plants for 18 years, or one-half of my life; and have always tried to sell good plants, true to name, trimmed and packed in such a condition, as would prove satisfactory to the most discriminating customer. Most of the time I have succeeded, as thousands of my customers have been kind enough to testify; many of whom have been buying from me since my first year in the business.

NEW VARIETIES.

As a rule I do not advise spending a large sum for new varieties, as there are more that prove a failure than prove a success. Yet, you cannot afford to ignore them entirely. And what does best for you, may prove a disappointment to your neighbor, and your pet variety may be condemned by $\frac{1}{2}$ of all the growers you know. I therefore advise that every grower keep posted on the most promising varieties, by planting a few on his own place. It will pay you to do this; you get considerable fruit from your trial beds, and know what to plant next season.

TWENTY FIVES.

It has been my custom in the past, to tie strawberry plants 50 to the bunch, but I have demonstrated that plants tied 25 in a bunch will keep longer and better, especially in warm weather, than when tied 50 in a bunch. In the future all plants will be tied 25 in a bunch instead of 50 as heretofore.

SOME INFORMATION.

ORDERS.—Please be sure and write your name and address plainly, giving postoffice, county and State, and do this every time you write. Be particular to say how the goods are to be sent, whether by mail or express. All orders too heavy to go by mail should go by express, as freight is too slow, except very early in the season while the weather is quite cool, to points east of the Mississippi, and is therefore not safe for perishable goods except for very early shipment. Keep a correct copy of the order, and check off the stock when it arrives. People often forget what they order and make unjust complaint.

GUARANTEE.—I warrant my plants to reach customers in good condition when shipped by mail or express and promptly opened and attended to on arrival.

AT PURCHASERS RISK.—When customers desire plants shipped by freight, I will do so at their risk only. I will use every precaution in packing so as to insure if possible their safe arrival by freight, but I will not be responsible for delays and the resulting damage to plants, caused thereby on freight shipments. Early in the season east of the Mississippi river, freight is generally safe, but after the last of March it is very risky to have plants go by freight.

TRUE TO NAME.—While I use every precaution to have all stock true to name, and I am sure that I am as successful in doing this as anyone in the business, I will not be held responsible for any sum greater than the cost of the stock, should any prove otherwise than as represented.

PACKING.—I make no charge for boxing or packing above rates in this catalogue. Everything is delivered f. o. b. of train at rates named.

CLAIMS.—If any, must be made on receipt of goods, when they will be carefully and cheerfully examined, and if just, all will be made satisfactory. Any claim made after 10 days from receipt of goods will not be entertained. I send out only good stock in good condition, carefully packed in all cases. A success or failure depends in so large degree, upon the weather, care and management after they are received, that, I do not, because I cannot, undertake to guarantee stock to live.

TIME OF SHIPMENT. I commence to ship to Southern customers during mild weather, any time after you receive this catalogue. In most seasons I can fill a limited number of orders during January and February for the South, and as late as the first of May for my Northern customers. But for all sections, it is advisable to order early, and name date for shipment as early as you can possibly use the plants. This is good advice for several reasons. 1st., when plants are shipped early to go a long distance, they are less liable to damage in package. 2nd., they have less foliage, and can be packed lighter, thereby lessening express charges. 3rd., plants set early, almost invariably do well if cared for by an intelligent person; while those set late in the season often do well, but frequently fail entirely.

Havana, Cuba, April 4, 1903.

W. F. Allen, Dear Sir:—I have to acknowledge receipt of strawberry plants which reached me on the morning of the 31st. ult., and I found them in splendid condition; having sent them to the Country to my farm where they were planted that evening.

Yours respectfully,

A. Peoli.

PAYMENT INVARIABLY IN ADVANCE.

Goods sent by express, C O D. only when $\frac{1}{2}$ the amount is sent with order, when charges for returning money will be added to the bill. Plants to go by freight must be paid for in full before shipment, and it is better to send full amount with all orders, as it saves charges for return money. Remittances should be made by money orders on Salisbury, Md., by registered letter, by check or by express. Postage stamps taken for fractional part of dollar. 4, 5, 6, 8, 10, and 15 cent stamps preferred. Canadian customers will please remit by money order or Canadian bills by registered letter. Other foreign customers will please remit by money order on Salisbury, Md.

SPECIAL EXPRESS RATES.

No one person has special express rates more than anyone else in the same line. For instance, all plants and trees, and nursery stock of whatever nature, packed in boxes or crated, have a rating of 20% less than merchandise rate. To illustrate, a box of dry goods, hardware, or any other merchandise of a certain weight which would cost to any given point \$1.00, if it were nursery stock, plants, etc., would be carried for 80 cts. This applies to every grower, no matter whether they ship hundreds of tons, or only a single package. Those who claim to have a special rate lower than others, simply misrepresent the facts. To ascertain whether or not you are being over charged when paying expressage on plants, ask your agent to look up the merchandise rate from Salisbury, Md., to your express office. You weigh your shipments, calculate the amount and deduct 20%. This will give you the amount you ought to pay, and if you have paid more than this, you have paid too much and more than they have any right to charge you. We frequently have inquiries concerning these matters, and I name the above method of finding out what the charges should be, to save correspondence, as you can find out at your express office as well as I can here, and a great deal quicker, because you have the one shipment to make inquiry after, while I would have hundreds of them.

Strawberry ♣ Plants.

During March and April this dearborn makes from three to six trips daily to Express office loaded as above and often has to be reinforced to keep up. This year the Express Company will open a branch office in my packing house.

AROMA. Plants show no weakness of any kind, fruit very large, roundish, conical, rarely misshapen, of excellent quality, and glossy red. A very late variety, much resembling Gandy, and by many believed to be more productive; and it is suited to a greater variety of soils. For instance, I have it growing on sandy loam where it seems to be doing very satisfactory, having made a wide bed of strong, vigorous plants. To those who do not find Gandy satisfactory, and wish to find a large late berry, I recommend a trial of the Aroma. In the West the Aroma is becoming a great favorite among large growers planting extensively of it. Our present stock of plants is very desirable.

AUTO. This variety has not yet fruited with me. Special claims, however, are being made for its unusually high quality and its remarkable productiveness. The plants are large, very strong and healthy, blossoms perfect. The Auto originated in Delaware, and by those who have grown it, claim it to be of large size, and fine quality, and is also claimed to stand drought better than most other sorts.

BISMARCK. Bismarck is a safe pollenizing strawberry, possessing all the desirable qualities of the Bubach, and superior to it in quality. Bismarck makes a finer growth than Bubach, and will generally produce a larger yield per acre. Its color is what I would call a dull scarlet; and ripens all over at once with no green tips.

BRANDYWINE. I have market-d quite a few berries of this variety, and almost every crate would bear the mark of "Fancy," and always sells well in market. The plant is very healthy, free from rust, and one of the best growers I have. The fruit and plant very much represent Gandy, but will succeed on a greater variety of soils. For two or three years the Brandywine was reported upon by almost every Experiment Station bulletin, written up by Horticultural papers and talked of by fruit growers everywhere, which created a big demand for plants. If such a thing were possible, the Brandywine was at first overpraised. Then, for about two years, it seemed to have been lost sight of, but for the past three or four seasons it has gradually been coming into favor; not by the boasting of Horticultural writers and interested plant dealers, but by its own merits. In fact, I have sold large orders of plants to parties who first condemned it. I first saw this variety on the grounds of Mr. Ingram, the originator, and the day I was at his place, he picked over 1600 quarts, from one and one half acres at a single picking. If you are undecided what to plant, you will hardly make a mistake in planting some Brandywine.

BUBACH. This variety is so well known that it needs no description from me. I will say however, that my stock of plants is limited, and those who wish to obtain this variety should not delay too long in placing their orders. Notwithstanding this variety does not grow as freely as most people would like it to, it is a great favorite. Sometime ago I heard a very prominent nurseryman say, that he scarcely had a call for Bubach plants, and expressed the opinion that the variety was dying out. My experience has been quite different; as 25 out of 50 whom I asked for a list of the varieties they preferred, included Bubach. It is very productive of large red berries.

BEDAR WOOD. A strong grower with unusually large and long roots. Popular in some sections of the west, very productive, of medium size berries, ripens early, but rather soft.

BARTON'S ECLIPSE. Good for either market or home use. Fine plants, fine berries, and lots of them. Originated in Kentucky.

CHELLIE. I have not yet fruited this variety, and I must therefore quote from others. The past season while the plants looked healthy it has made but very few runners. Mr. Nathan Barton, who originated the variety, has this to say of it: Plant has a perfect blossom, strong grower and free runner, clear of rust very attractive and sure bearer. Fruit ripening from medium to late, with large symmetrical shaped berries, with fresh green caps; is a dark glossy red, coloring all over without green points, and presents a strikingly attractive appearance throughout the season."

CLIMAX—(See illustration 3rd cover page.) This is an extremely popular new variety that is being talked of by berry growers all over the Delaware and Maryland Peninsula. Being quite a little interested myself, I drove over 20 miles one day last May to see how much of the wonderful things said of it were true, and I was surprised to find that it had not been overestimated. The berry is medium to large and is immensely productive. Mr. J. F. Jester whose patch I was in and photographed, wrote me on June 6th that he picked from a measured plot 3x5 yards 78 quarts which sold for \$4.66 or at the rate of 25,166 quarts, \$1500.00 per acre. This sounds like a fairy tale and yet Mr. Jester is an honest and honorable old gentleman, who has been in the mercantile business for many years where he now lives and has made for himself an enviable reputation for his honesty and truthfulness. Moreover Mr. Jester has no pecuniary interest in the Climax except his love for fine berries and the pleasure and profit he derives from growing fine fruit. Now it must not be conceded that I am claiming that this record could be made on a large scale or even on a small one except under extremely favorable conditions. It is nevertheless one of the most productive berries I ever saw and I advise all strawberry lovers to give it a trial, if only 100 plants. The plant is a vigorous, healthy grower of a peculiar shade of green that can be distinguished from other varieties as far as it can be distinctly seen. My stock of plants is of my own growing from plants procured of the originator a year ago, and are exceptionally fine.

CLYDE. The Clyde is as large as Bubach, and nearly or quite a week earlier. With a dry season and plenty of sun it is an excellent variety; but the foliage is a little weak during fruit time, and too much hot sun or a wet season is not good for them. The foliage is a light green in color, and makes a fine growth of vigorous plants the first season, but it is so extremely productive, that the whole vigor of the plant seems to go to fruit, and does not provide foliage enough during fruit season to protect the berries. The plants are strong, and always have an abundance of long roots, which even in the absence of sufficient foliage, helps this variety to withstand dry weather, and brings its crop to maturity under surprisingly unfavorable conditions. Few varieties ever introduced, have attained greater popularity than was accorded the Clyde a few years since. And except for the faults above named, I have no doubt that it would to day be the most popular medium early berry on the market.

COBDEN QUEEN. This variety is very productive, and an excellent berry for shipping purposes; of medium size, crimson color to the core. The berry will average a little better than medium, but notwithstanding it is not as large as some, shows up to better advantage than many of the larger kinds. It is a berry that will hold and look attractive in market after a long shipment. I have not listed this variety in my catalogue for 2 or 3 years, owing to the fact, that my entire stock of plants has been bought by a few large growers before my catalogue was issued. This season, however, I have a very fine stock of plants; I think enough to justify me to catalogue it after filling the orders of these large growers. For a commercial berry, I think no one would make a mistake in planting this variety, and I personally recommend it.

CRESCENT. This grand old variety has held its own longer than any variety that has ever been introduced for 25 years. About 15 or 20 years ago, it was more largely planted than any other variety. It still retains its strong vigorous habits, and is very productive, of medium size berries. It is not much grown in the East at present, but is still very popular in some sections of the West where it produces great crops of fine marketable berries. And those who have never grown it have really missed one of the best of the late varieties.

EARLY HATHAWAY. This berry was first sent out by the same man who introduced Excelsior. He claims that this also is a seedling of the Wilson crossed with Haverland. He says the plants are vigorous growers, with large dark leaves, immensely productive of most beautiful berries. He claims the variety to be as large as the Gandy, (which I doubt). He also claims that it ripens with Mitchel's Early, and is a firm berry that will stand shipment remarkably well. I set quite a lot of plants last spring which I obtained from the originator, and they have made a very fine growth of healthy vigorous plants. It is certainly one of the best growers on the place, and if it proves to be half as good as the originator claims, it is well worth planting

EXCELSIOR.

EXCELSIOR. This is beyond doubt, the champion of all early market berries. In fact, it has no competitor, as there is no other variety that I have ever seen or heard of, that ripens with Excelsior, that will anywhere near compare with it in productiveness, good average size and firmness. Excelsior is certainly the friend of the berry grower. The past season of 1903 was very disastrous to the berry crop in this immediate section. March was warm enough for June, and forced everything in rapid tender growth. Strawberry plants put on a vigorous new growth, and were in full bloom, when on the morning of April 5th., everything was frozen stiff, and all varieties, early and late, were practically ruined; my entire crop being less than $\frac{1}{4}$ normal. Any one would naturally suppose, that the Excelsior being very early would have suffered most, but the fact is, the Excelsior gave us more berries per acre under these conditions than any other variety. It is red through and through, and is one of the best keepers and shippers in the entire list of strawberries. I have 70 acres of this variety growing for fruit; besides my plant stock; the above view being a photograph of the field taken the past November. My stock of this variety is large, and of choice quality, and those wishing to plant largely, are invited to ask for special rates on large quantities. If ordered early, I am prepared to furnish Excelsior plants by the hundred, thousand or by the carload.

CHALLENGE. This variety has not yet fruited here. Mr. Crawford of Ohio furnished me my stock, and he describes it as follows: "Originated at Beckenridge Mo., by Mr. Peck about 10 years ago. The plant is a fair runner and makes large healthy plants. After bearing however it sends out very few runners. As to yield, I believe it will equal Parker Earle or Haverland. The fruit is of immense size, regular form and firm in texture. The color is a dark glossy red from surface to centre. The quality is excellent. The Challenge commanded prices far in advance of other varieties we were marketing. This was due to its fine form and color."

ENHANCE. A vigorous grower with strong healthy foliage, berries irregular in shape, medium to large and firm. Season medium to late, and a good pollinizer for late varieties.

FAIRFIELD. This is one of the most promising new berries that has been set out for several years. We fruited it last season, and found it to be remarkably productive, medium to large in size, firm enough for a commercial variety, quite early, and good quality. In season it is only 2 or 3 days behind Mitchell, Hoffman, etc., and is far ahead of them in size, quality, and productiveness. My attention was first called to this by Mr. Stanton B. Cole, of Cumberland county, N. J., who has this to say of it: "In the spring of 1901, our attention was called to this new seedling strawberry, growing on Mr. P. Johnson's farm, and just as it was commencing to ripen, I made it a point to go and see the berry and plants. I was very much pleased with it, and thought it a berry worthy of general distribution, but Mr. Johnson and I could not agree, as he had long enjoyed a monopoly of the berry, having let no one have any plants, as the fruit was paying him much better than any of some dozen or twenty kinds, which he was growing, and he has from 20 to 30 acres. Not until December 20, 1901, did I induce Mr. Johnson to give the plants general distribution. For earliness, large size, attractive color, quality and firmness, Mr. Johnson claims it has no equal." This is a good many superlatives to put on one variety, nevertheless, we give you the author, and you must use your own judgement. Personally, I am well pleased with what I have seen of the variety, and if only a part of the good things that Mr. Johnson claims for the berry, are true, it is certainly worthy of a careful trial, and as I have seen enough of the berry to pass an opinion of my own, I do not hesitate to recommend it to my customers.

GANDY. (See top half last cover page) This popular old variety is probably known by most berry growers in all sections on the Maryland peninsula. It is more largely grown than any other late variety. It is at home on black swamp land if well drained, upon medium stiff or red clay land. On sandy soils it is unproductive, but on a swamp soil, it has often produced 5,000 q's. per acre, and in some instances more. All late varieties are compared by Gandy, which is the highest praise that could be given it. I am not guessing when I say, there is twice as many Gandy planted today, as any other late variety. From a trial vote taken on varieties from growers all over the country, Gandy is far in the lead. In almost all market quotations, you will find the Gandy quoted separately, and at a higher price than other kinds; owing to its large size, fine appearance, and remarkable keeping and carrying qualities. Mr. Lovett, the introducer, seems to be so well pleased with the Gandy, that he likes to introduce it anew every few years. He first sent it out as Gandy Prize. Again, as First Season. Last year he introduced Lester Lovett, and if I am any judge of strawberries, the Lester Lovett is the Gandy under a new name. And I am not the only one who has expressed this opinion. I think most other growers appreciate the Gandy as much as does Mr. Lovett; however, they prefer it under the name of Gandy, and think that better than any new name that can be given it. My stock of this variety is unusually large, and I shall be pleased to correspond with anyone wishing plants in large quantities.

Fayette County, Ky., March 23rd., 1903.

W. F. Allen, Dear Sir;—Received plants to day, also directions in regards to dewberries. I must say, I never received plants as soon before. They came before I received my mail. Accept many thanks for your prompt attention and kindness. I am very respectfully,
W. W. Kassner.

GLEN MARY. Did you ever see in any of the Agricultural papers, where

growers in different sections of the country, were asked to name 6 of the best varieties of strawberries? After reading these lists, did you ever stop to think how many you had found that didn't contain Glen Mary as one of the six? This variety introduced by me in the spring of 1896, is to day one of the leading standard varieties of the country. It has proven especially valuable in New England and the West. It's beautiful color, large size, and immense productiveness, make it a general favorite. Its plants are large and long rooted, and the fruit is firm enough to make a good shipping berry, its quality is good enough to make it sell. For size it is at the head of the procession. Four berries of Glen Mary grown by Mr. Joseph Haywood, in 1899 filled a quart. So far as known, this is the largest that has ever been grown. Mr. Haywood raised one berry that weighed 4 ounces, and a good many that weighed over 3 ounces. A few who have grown Glen Mary complain of rust; and in fact, it rusted badly

with me in 1898, but since then has not been so badly affected. I would say, however, that it doesn't do as well in the South as in the North and West. The demand for Glen Mary plants has always exceeded the supply. Not once since the first year of its introduction, have I had enough to fill all the orders received. This, I call pretty strong testimony in its favor.

HAVERLAND. While a pistillate variety this is one of the easiest to pollinize. Plant is healthy, large and vigorous, makes ample beds and is very productive the variety is firm enough to ship well, and is a good reliable sort to plant. Under favorable conditions I have seen the Haverland average as large as guinea eggs. I shall never forget a patch of this grand old variety grown by my father when I was a boy. But little was said about it at the time, and in fact it has never been boomed by anyone, yet it has steadily worked its way up until today it is one of the largest sellers on our list. It is not likely that anyone will ever regret planting this variety. It is one of the old reliable standbys, that was a leader 15 years ago, and still ranks among the best. Others have been introduced, claimed to be a seedling of this and better, but they have passed away, and the Haverland is still a favorite.

HOFFMAN. I have a few plants of this variety only. What I have are strictly pure and of the very best strain. The variety is too well known to need much comment. All varieties that have claims for firmness are compared with Hoffman.

HERO. This berry was introduced two years ago by J. G. Harrison & Sons of Berlin, Md. It has not fruited on my grounds, but the Messrs. Harrison describes it as follows. "Very large, well formed, of dark red color. It is of most excellent flavor and originated in Arkansas."

JESSIE. I do not recommend this, but as I always have a few calls for it, I carry a few plants in stock for those who want it. Very fine where it succeeds, but very hard to please in soils and location.

JOHNSON'S EARLY. This variety is particularly adapted to stiff clay land, or lowland. I have never seen it produce a crop on light sandy soil. While on heavy soil, it produces satisfactory crops. In time of ripening, it is second early. Berries are above medium in size, very prettily colored and of extra fine quality. In fact, there is no early berry quite equal to it when quality is considered. Plant is healthy, and one of the most persistent plant makers that I have ever grown.

KANSAS. The plant is extremely vigorous, free from rust or disease of any kind. Its fruit is brilliant crimson, not only on the surface but through and through. This feature, with its very strong strawberry flavor, makes it a popular variety for canning. Time of ripening, late. Size, medium to large, immensely productive, but will get too thick to bear large fruit, unless the plants are kept thinned. One of the finest crops I ever saw grow, was of this variety. Mr. R. M. Kellogg, Mich., was perhaps the first man to fruit this aside from the originator. After I bought the variety, Mr. Kellogg was one of the first to buy plants, and has always spoken very highly of it. He says, "I am willing to stake my reputation, that it shows more points of excellence, than any other variety introduced in recent years." Mr. Kellogg, having no personal interest in the berry whatever, makes this very strong testimony. He had fruited the Kansas 3 times when this was written. Some who let the plants of this variety get too thick, condemn it because it is under size. If properly grown however, and not permitted to bed up too thickly in the row, I can't see how it can fail to give satisfactory results. I have just booked one large order of this variety, the party desiring no other variety except enough staminate to fertilize it.

LESTER LOVETT. This variety was offered by me last season; my stock being grown from plants received from the introducer, which made a fine growth of strong healthy vines, that somewhat resembled Gandy. But I thought at the time they were stronger, and larger plants, and I had no doubt it was a new variety. The description given was quoted from the introducer, as stated in my catalogue. After fruiting the berry however, the past season, I must say, that I can see no difference in Lester Lovett and Gandy. I am not prepared to take oath that it is the same thing, but it is my candid opinion that it is Gandy, nothing more nor less. Others whom I have talked with, are of the same opinion. I have about 100,000 plants in stock, and will offer them separately, but I hardly think those who plant Lester Lovett, will get a variety different from Gandy.

LADY THOMPSON. This has been, and is probably to day, one of the most popular berries grown in the South. All that section from Maryland to Florida, and from Florida to Texas, has been its home, hundreds of acres having been grown in the South and shipped to Northern markets. This variety is a strong healthy grower, and produces a large crop of medium to large, perfectly formed berries. No Southern customer will make a mistake in planting these. It is also grown to some extent in the North and West.

LOUIS HUBACH. This new berry is of Arkansas origin, and is a cross of Lady Thompson and Warfield. I have not fruited this variety, but my plants which I obtained from the originator last spring, have made a remarkable showing in plant growth. The plant is claimed by the introducer to be very vigorous and deep rooted. He describes the berries as large, somewhat rough in appearance, though very firm. That it is more productive and better than Lady Thompson. He also says, it is as large as Lady Thompson, as productive, and as firm as Warfield. If this be true, it is certainly a very valuable berry, but as I have never seen it in fruit, I can only give the introducer's description. A photograph which he sent me, shows good size and remarkable productiveness. I had intended to reproduce this in my catalog, but haven't the space to do so.

LADY GARRISON. This variety has not fruited here. Mr. R. M. Cooper, president of the Farmers Institute of Delaware, visited the Garrison beds late in the fruiting season, and reported Lady Garrison to be all that had been claimed for it in the growth of vine, size, and handsome appearance of fruit. Although it was at the close of the season, he said the berries would average as large as Hubach at the first picking. I do not doubt that this was the case where Mr. Cooper saw it, but there are very few varieties that would keep up such a record. And it is not likely that Lady Garrison is an exception. The originator claims however, that it is a beauty of large size, fine flavor, and best color; and it is hardy, and one of the heaviest croppers grown; beginning to ripen early, and runs along well with the Gandy towards the close. As stated above Lady Garrison has not fruited here, and all of the above description is quoted from others.

LYON. Has not yet fruited here. This originated in Michigan about eight years ago. The plants are moderate size, free from rust, and make plants quite freely. Mr. Hardy, the originator, says: "I have the most productive strawberry ever produced and one that at the same time is remarkable for size, firmness, good quality, and bright color. This I called the Lyon, named it in 1898, after T. T. Lyon of South Haven. The Lyon is a seedling of Bubach, but bearing no real resemblance to that variety except in size. The fruit is firm, of perfect conical shape, bright crimson, not quite as dark as Marshall. The fruit is much larger and sweeter than Warfield, the plant is heavier in root, and darker in foliage." Mr. Crawford in his July report, says: "Lyon is one of the most valuable of recent introductions; probably the most productive variety we have. It is of the Warfield type, larger and more productive."

MARIE. This valuable variety has now fruited here for three seasons, and I find it to be a very vigorous growing plant healthy foliage and plenty of runners. The berry is productive, crimson color, uniform, conical in shape, and average large size. It ripens with Warfield, and continues to fruit through quite a long season. It is a pistillate variety, and if properly fertilized every blossom makes a berry. The color is a bright scarlet when first ripe, turning to a dark red if left unpicked for a few days. The quality is better than the average, and I consider it a good variety to rely on.

MITCHEL'S EARLY. A well known, and once very popular early variety. If grown on good soil, must be kept thinned. For eating from the vines as they are picked, when well ripe, there is none better. Until the Excelsior came, it was the leading early berry for market, and in many sections it is still largely planted.

MONITOR. This makes an abundance of plants, and is claimed by Dr. Beal, of Mo. the introducer, to have all the productiveness of the Crescent, and beautiful heavy foliage of Capt. Jack. Blossom perfect, being unusually rich in pollen. This has not fruited here, and I am not prepared to give it a personal description. Mr. Crawford says in his July report that "the plant is small and a great runner. Berries very large, round, light, conical, and soft. Stands wet weather and hot sunshine very poorly. It is very productive, but I do not think much of it."

MIDNIGHT. In this we have a healthy perfect blooming plant of more than ordinary vigor, that makes plants freely, yet not enough to overcrowd the row. Midnight bears a number of stout fruit stalks to each plant, with plenty of strong stamens in every blossom, resulting in a great crop of extra large perfectly developed, broadly conical berries, of very large average size. It is a seedling of Haverland and Parker Earle. Mr. Hale, in introducing this berry says, "I have what I believe, is the very best latest ripening strawberry in existence. It was listed last season, and a few plants sold as "1159 P. M." Prof. Bailey suggested, that as Midnight is just a little later, it might be a proper name for this late grand variety. "Last of all the season, ripening long after the main crop of strawberries is out of the way. There are now all too many fine strawberries of medium season, and a few grand early ones, but not enough of the very late ones to supply the various demands of soil, market, taste, color, flavor, etc., and there is a place for a very late strawberry, combining more of these desirable qualities, than any other variety we now have. Gandy is a beauty of large size, and superb shipping qualities, but unproductive on some soils. Arnot, of fine size, and firmness, and is enormously productive on very rich deep moist soil, is of little or no value on any other. But Midnight thrives well and fruits abundantly on every variety of soils. My two best plots of it having been on light sandy loam."

NICK OHMER. A strong perfect blossom, productive of very large, rich dark red globular berries, highly colored all the way through, and of delicious flavor. A grand market berry, and superb table berry. Always like all berries of this class, it thrives best on a deep rich, rather moist soil, and responds readily to high culture. While not one that requires special petting, yet so grand and delicious as to repay many fold any extra attention given it.

NEW YORK. (See bottom last cover page). This variety is fast becoming a favorite. For the past 2 seasons, I haven't had near enough plants to supply the demand. It is one of those varieties, the more you get of it the more you want. It is a cross of Bubach and Jessie; far surpassing either in strong healthy growth of vines. Larger than either of its parents in size, and equal to the Bubach in productiveness. Like the Glen Mary, it is rapidly coming to the front, and I am proud to be the introducer of these two varieties. Mr. Kellogg says: "New York is a fancy berry for fancy trade. Very large, bright red, strong foliage, and heavy fruiter; has taken many awards, and is making a host of friends and admirers. It is now widely disseminated, and will be more largely set in the future." I have grown this variety in quantity, and while I have never claimed it to be firm enough for long distance shipping, I have shipped hundreds of crates of it from Salisbury to Boston, and had it sell for the highest market price; usually bringing 12 to 16 cts. per qt. It produces the largest berries of any variety on the market, and is especially desirable for exhibition, fine berries for the home table, or local market. Everybody should plant some New York.

PARSON'S BEAUTY. This is one of the most productive berries grown. Size, medium to large, dark red, and of fair quality, but rather acid. For a near market, where they can be hauled in and sold from the wagon, or direct to the grocer every day, this is a valuable variety; but for distant shipment, it has proved a failure. I notice that some of the catalogs say, it is a great market berry. I am well acquainted with the facts, as there has been more Parson's Beauty grown in this county than all the rest of the country combined. It is enough to say that, it will never be planted in anything like the quantity in the future, as it has been in the past. Those who want a very productive berry, that can be sold without shipping, it will no doubt prove very valuable. As a market berry to ship, I advise leaving it alone.

PRIDE OF CUMBERLAND Like Gandy, this berry will carry from Florida to Boston, or from Louisiana to Chicago, and arrive fresh and firm. It is brilliant red in color, and holds its lustre and freshness longer than most other varieties. It thrives on any soil, but owing to its immense crop, better results are obtained by putting it in rich springy land. The fruit is equal to the Gandy in every respect, and better in quality. Ripens one week earlier than Gandy. The past season I shipped Pride of Cumberland to Boston on Saturday, which were delayed, and didn't arrive in market until the following Tuesday. They were reported to be in perfect condition, and sold for 17 cents per qt. This is one of the best market berries for distant shipment, on the list.

SAMPLE. The Sample seems to be giving satisfaction in most sections. A few condemn it, but more praise it. The best test of its popularity is, that we get more and more orders for it every year; and if it were not popular, this would not be the case. The plant is a strong vigorous grower, very productive, of uniform, medium to large berries, firm enough for shipping to distant market. The berries color all over at once, and look very attractive in the crate. A good reliable standard sort, that will generally give satisfaction.

SOUTHERLAND. Originated with Eugene Southerland, of New York State. Blossom imperfect, fruit large, bright color, and elegant flavor. Mr. Southerland says: "That the Southerland is a seedling of Bubach, with strong, vigorous healthy foliage, and the greatest bearer he has ever seen. Plants dark green, and no rust. They make a good quantity of well rooted plants." The variety has not fruited with me. I have some very good plants, which I offer on Mr. Southerland's recommendation. I know nothing of the variety beyond the fact, that it is a good grower.

SUPERIOR. Ripens just after Mitchel's Early, of excellent carrying quality, of good medium size, which is maintained until the last of the season. A great favorite as a market berry.

Bradford County, Pa., April 11th., 1903

W. F. Allen, Dear Sir:—Plants all O. K., and good liberal count. I find that your plants do better with me than plants from the North.

H. P. Greeno.

SPLENDID. This berry is well named. It should not be allowed to get too thick, as it will surely do, if not kept in check by tearing off part of the runners. It has a strong staminate blossom, and is one of the best pollenizers to plant with pistillate varieties of the Warfield and Crescent type. The vine is a rich dark green, free from rust and diseases. It is very productive, of uniform, medium size berries, that are firm, and make a good showing in the crate. It is an excellent shipper, and seems to get more popular every year. The good qualities of this berry, seems to have been overlooked for a long time, but it is now rapidly coming to the front; and I can conscientiously recommend it as one of the best of its class.

TENNESSEE PROLIFIC. Too well known to need much comment. The plant is one of the most vigorous and healthy that grows. Large size, very productive. The fruit somewhat resembles Sharpless; and in fact, the plant is a cross of Sharpless and Crescent. It is one of the most productive varieties on our list, and is largely grown commercially. Two years ago we could not supply half the orders received for it. This season, however, we are better supplied, and think we can fill all orders.

TUBBS. This is a valuable variety of a medium size class of shipping berries. It is immensely productive, and highly colored, and holds up in size all through the season. I have been fruiting this for several years, and have demonstrated that it is a valuable commercial variety.

YANT. Not yet fruited here. It makes a large plant, and a good quantity of them. Mr Crawford in his July report, says: "It is very productive, conical shape, and good quality." He considers it a valuable variety. Other growers speak well of this variety. My plants are very fine, and I shall be pleased to supply those who want it.

Miami County, Ind., March 30, 1903.

W. F. Allen, Dear Sir:—Plants received to-day, all O. K. I am well pleased with them; thanks. I may need more plants next spring. Hoping you will have success,
Yours respectfully, Charles Nation

Wood County, W. Va., April 14th, 1903.

W. F. Allen, Dear Sir:—I received my plants on the 8th., and they were in fine condition. I have them set out where I intend them to grow. You may expect my custom when wanting anything in your line. Do not forget me when you send out your 1904 catalogue.

Yours truly,
H. B. Dye

SENATOR DUNLAP. Ripens medium early, and is proving to be a very popular market sort. It withstands adverse conditions of weather far beyond the average. It is larger than I expected to find it: very productive, dark red through and through, conical in shape, glossy surface, and excellent quality. If you want a variety that will give you good berries for your home, berries that will be in demand in your local market, berries good enough to send to your best friend, or if you want a variety for shipping, in any event, you don't want to overlook Senator Dunlap. Nothing has caused me to say the above, except its own good merits. I was somewhat in doubt about its value when I first planted it, but it has far exceeded my expectations. Do not fail to plant Senator Dunlap.

TEXAS. Introduced by J. C. Baur of Arkansas, in 1901. Mr. Baur also

introduced the Excelsior. The Texas is a strong healthy grower, no rust or other disease affecting it. Thrifty, well rooted, and makes plants freely. This season, when most varieties were damaged by the late freeze, and subsequently by severe drouth, the Texas made a very good showing as compared with other sorts. It is firm enough to ship, crimson color, not quite as dark as Excelsior, very productive, and a valuable new variety in every way. Our Texas bore quite a few berries this fall, and seems to have quite a habit for fall bearing where the conditions are favorable. My boys, whose pictures were shown in last year's catalog, picked and sold over 200 quarts of this variety during September.

UNCLE JIM. Not yet fruited here. The plant, however, makes a strong robust growth, and at this writing, shows great promise. It has large clean foliage, and looks as though we might expect something extra in the way of fruit. Is said to be a chance seedling, found growing near an old fruiting patch, by Mr. Dornan, in Michigan, 5 years ago. He fruited it the following season, and found it to be very large and fine, and produced in such abundance, that it was the admiration of the neighboring fruit growers, many of whom came for miles to see it. Mr. Dornan's berries were all sold by a prominent Chicago commission merchant, who named it Uncle Jim in honor of Mr. Dornan. This variety sold for \$1.50 per 16 qt. crate, while Sharpless, and other varieties were being sold at from 45 to 65 cts. In 1900, the fruit was so much superior to any other variety on the Chicago market, that it quickly sold for \$1.25 to \$2.00 per half bushel crate, or an advance of 75 cts. of other varieties. It is claimed, that 15 to 25 are easily found that that will fill a quart without much selection. Some fruit which I saw on spring set plants, was very promising. I believe this to be a good variety, although I have not fruited it except on spring plants.

WARFIELD. Too well known to need much comment from me. A very productive mid season variety, of good quality, and highly colored. This is especially popular with Western growers. A reliable standard sort.

WHAT TO PLANT WITH PISTILLATE VARIETIES.

Name of Pistillate Variety,	Varieties suitable for planting with pistillate varieties to properly pollenize them.
Bubach (P).....	Bismarck, Brandywine, Tenn. Prolific or Pride of C.
Barton's Eclipse (P).....	Clyde Tenn., Prolific, or Cobden Queen.
Crescent (P).....	Tubbs, Splendid or Senator Dunlap.
Haverland (P).....	Tenn. Prolific, New York, Nick Ohmer or Cobden Queen.
Kansas (P).....	Brandywine, Aroma, Pride of Cumberland or Gandy.
Lyon (P).....	Splendid, Senator Dunlap or Cobden Queen.
Marie (P).....	Brandywine or Cobden Queen.
Sample (P).....	Tenn. Prolific, New York, Nick Ohmer or Brandywine.
Sutherland (P).....	Clyde, Tenn. Prolific or Cobden Queen,
Warfield (P).....	Senator Dunlap or Splendid.

Varieties named are not the only ones that may be used for pollenizing pistillate varieties but they are what I consider the most desirable for the varieties.

Hampden County, Mass., May 13th., 1903.

W. F. Allen, Dear Sir:—I received the second shipment of 2,000 Glen Mary strawberry plants in due season, and set them out immediately.

I think that every plant is living, and looking well. The plants when they arrived, were cool and in first class condition. Please accept thanks for same.

Yours truly,

C. W. Hull, Jr.

—MARYLAND—

STATE HORTICULTURAL DEPARTMENT
DEPARTMENTS OF ENTOMOLOGY
AND
VEGETABLE PATHOLOGY.
MARYLAND AGRICULTURAL COLLEGE
AND EXPERIMENT STATION.

R. W. SILVESTER,
PRESIDENT AGRICULTURAL COLLEGE.
ASSO. PROF. T. B. SYMONS,
ACTING STATE ENTOMOLOGIST.
PROF. J. B. S. NORTON,
STATE PATHOLOGIST.

CERTIFICATE OF NURSERY INSPECTION.

No. 20.....

To Whom It May Concern:

THIS IS TO CERTIFY, That on the 20 day of August 1903
we examined the Nursery Stock of W. F. Allen
growing in his nurseries at Salisbury
County of Neenica, State of Maryland, in accordance with the laws
of Maryland, 1898, Chapter 289, Section 58, and that said nurseries and premises are apparently free,
so far as can be determined by inspection, from the San Jose Scale, Peach Yellows, Pear Blight and
other dangerously injurious insect pests and plant diseases.

This certificate is invalid after August 27 1904, and does not include nur-
sery stock not grown within this State, unless such stock is previously covered by certificate and accepted
by the State Entomologist and State Pathologist.

College Park, Md. Oct. 4 1903

Thomas B. Symons
Acting State Entomologist.
J. B. Norton
State Pathologist.

This Price List is net. Positively no discounts. Prices given are for quantities named of one variety only, for instance an order of 5000 plants made up from 2 to 5 varieties would be at the 1000 price if 5000 or over of one variety, 5000 price would apply.

Name of Varieties.	By Mail or Express Charges Prepaid			By Express, Receiver to Pay Transportation Charges.				
	12	50	100	25	100	500	1000	5000
Aroma.....	\$0 25	\$0 40	\$0 75	\$0 25	\$0 50	\$1 50	\$2 50	\$11 50
Auto.....	30	55	1 10	30	80	2 50	5 00	
Bismarck.....	25	40	75	25	50	1 50	3 00	
Brandywine.....	25	40	75	25	50	1 50	2 50	11 50
Bubach (P).....	25	40	75	25	50	1 50	3 00	
Bedar Wood.....	25	40	75	25	50	1 50	3 00	
Bartons Eclipse (P).....	25	40	75	25	50	1 50	3 00	
Clyde.....	25	40	75	25	50	1 50	3 00	
Climax.....	30	55	1 10	30	80	2 50	5 00	20 00
Cobden Queen.....	25	40	75	20	40	1 25	2 25	10 00
Crescent (P).....	25	40	75	20	40	1 25	2 25	10 00
Challenge.....	40	55	1 10	30	80	2 50	5 00	20 00
Chellie.....	40	90	1 75	50	1 50	5 00	10 00	
Early Hathaway.....	25	40	75	25	50	1 50	3 00	13 75
Excelsior.....	25	35	65	20	40	1 25	2 25	10 00
Enhance.....	25	40	75	25	50	1 50	3 00	
Fairfield.....	25	50	1 00	30	70	2 00	4 00	17 50
Gandy.....	25	40	75	25	50	1 50	2 50	11 25
Glen Mary.....	25	40	75	25	50	1 50	3 00	13 75
Haverland (P).....	25	40	75	25	50	1 50	2 50	11 50
Hoffman.....	25	40	75	25	50	1 50	2 50	
Hero.....	25	50	1 00	30	70	2 00	4 00	
Jessie.....	25	45	85	25	60	2 00		
Johnson's Early.....	25	35	65	20	40	1 25	2 25	10 00
Kansas (P).....	25	40	75	20	40	1 25	2 25	10 00
Lady Thomson.....	25	40	75	20	40	1 25	2 25	10 00
Louis Hubach.....	25	40	75	25	50	1 50	2 50	11 25
Lester Lovett (G'dy).....	25	40	75	25	50	1 50	3 00	13 75
Lady Garrison.....	25	40	75	25	50	1 50	2 50	11 25
Lyon (P).....	25	50	1 00	30	70	2 00	4 00	17 50
Marie (P).....	25	40	75	25	50	1 50	3 00	13 75
Mitchel's Early.....	25	35	65	20	40	1 25	2 25	10 00
Monter.....	25	40	75	25	50	1 50	2 50	11 25
Midnight.....	25	50	1 00	30	70	2 00	4 00	17 50
Nick Ohmer.....	25	40	75	25	50	1 50	2 50	11 25
New York.....	25	45	90	25	60	1 75	3 25	15 00
Parsons Beauty.....	25	40	75	25	50	1 50	2 50	11 25
Pride of Cumberland.....	25	40	75	25	50	1 50	2 50	11 25
Sample (P).....	25	40	75	25	50	1 50	2 50	11 25
Sutherland (P).....	25	40	75	25	50	1 50	3 00	13 75
Splendid.....	25	35	65	20	40	1 25	2 25	10 00
Superior.....	25	40	75	20	40	1 25	2 25	
Senator Dunlap.....	25	40	75	25	50	1 50	2 50	11 25
Texas.....	25	40	75	25	50	1 50	3 00	13 75
Tennessee Prolific.....	25	35	65	20	40	1 25	2 25	10 00
Tubbs.....	25	40	75	25	50	1 50	2 50	11 25
Uncle Jim.....	25	50	1 00	30	70	2 00	4 00	17 50
Warfield (P).....	25	35	65	20	40	1 25	2 25	10 00
Yant.....	25	40	75	25	50	1 50	3 00	13 75

Those marked P are pistillates and must be planted near some perfect flowered sort.

ORDER SHEET.

Date of Order.....190...

If I should be out of any of the varieties ordered, as sometimes will happen, especially when orders come late in the season shall I send some other good variety as near like the one ordered as possible or return your money? Answer here

Bucks County, Pa., May 13th., 1903.
W. F. Allen, Dear Sir:—I received the strawberry plants in good shape, and we were well satisfied with them. They were nicely packed, and came out in good shape.
J. D. McNair.

Nottoway County, Va.,
W. F. Allen, Dear Sir:—Your strawberry plants reached me in good condition, and more beautiful plants I never saw. Everyone is living and growing nicely. I shall always order from you as long as you continue to send out such good plants
Very Sincerely yours, Mrs. J. N. Powell.

Miami County, Ohio, May 4th., 1903.
W. F. Allen, Dear Sir:—The plants arrived in good condition on the 2nd inst., for which please accept our sincere thanks.
Respectfully, Walter C. Pierce.

Colbert County, Ala., May 2nd, 1903.
W. F. Allen, Dear Sir:—I enclose check for \$17 00 for strawberry plants for myself and son-in-law, F. R. King. Oblige us by sending plants at your earliest convenience. The plants sent by you have proven thoroughly satisfactory, and I take pleasure in recommending you to my friends.
Respectfully, Mrs. M. L. White.

La Crosse County, Wis., May 6th., 1903.
W. F. Allen, Dear Sir:—I wish to inform you that the plants sent in order 1379, arrived here in due time, and in excellent condition. Thanking you for your prompt attention, I remain,
Respectfully yours Henry Tietz.

Clinton County, Ohio, May 1st., 1903.
W. F. Allen, Dear Sir:—I received the plants the 19th ult. all O. K. They were in fine shape, and the nicest plants I ever bought. There were some in bloom, and the bloom was not withered. I will give you another order I think in the future. Wishing you success, I remain,
Yours truly, N. L. Hammer.

Miami County, Kan., April 14th., 1903.
W. F. Allen, Dear Sir:—I wrote you yesterday about my plants. They came this morning in fine shape.
Yours, Leroy W. Martin

Berkley County, W. Va., March 21st., 1903.
W. F. Allen, Dear Sir:—The strawberry plants which you shipped on the 19th inst., have arrived in excellent condition. Accept thanks for promptness and very careful packing.
Yours truly, H. S. Butts.

Bradford County, Pa., April 11th., 1903.
W. F. Allen, Dear Sir:—Plants all O. K., and good liberal count. I find that your plants do better with me than plants from the North.
H. P. Greeno.

Hocking County, Ohio, April 17th., 1903.
W. F. Allen, Dear Sir:—I received the strawberry plants the 15th., of April, in good condition, and planted them next day. Thanking you for the prompt attention my order received,
Yours truly, Geo. Eisz.

Woodford County, Ky., April 2nd., 1903.
W. F. Allen, Dear Sir:—The strawberry plants received in fine condition. Many thanks for promptness in filling order.
Mrs. J. H. Barnette.

Queen Anne County, Md., May 14th., 1903.
W. F. Allen, Dear Sir:—Your strawberry plants came up all right in first-class order. I think they were the best I ever set out. You may expect a large order from me next spring.
Yours very respectfully, John B. Hammond.

Licking County, Ohio, May 9th., 1903.
W. F. Allen, Dear Sir:—Received plants ordered, alright. You send too many for the money. Thanks for promptness.
J. H. Benner.

A USEFUL TABLE.

When rows are 18 inches apart there are 9800 yards of row per acre.

24	7350
30	5880
33	5323
36	4930
42	4200
48	3675
54	3267
60	2940

The following table will be found very useful. Number of pounds fertilizer required per acre when rows are the following distances apart:

No. Lbs. per 100 Yards of Row.	18 in.	2 ft	2½ f.	2½ ft.	3 ft.	3½ ft.	4 ft.	4½ ft.	5 ft.
10	980	735	590	530	490	420	370		295
15	1470	1100	880	800	735	630	550		440
20	1960	1470	1175	1065	980	820	735		590
25	2450	1840	1470	1330	1225	1050	920		735
30	2940	2205	1765	1595	1470	1260	1105	980	880
35	3430	2575	2060	1865	1715	1470	1280	1145	1030
40	3920	2940	2350	2130	1960	1680	1470	1305	1175

Number of Plants Required to Set an Acre of Ground at a Given Distance.

Rows 24 inches apart, plants 12 inches apart in row,.....	21,780
“ 30 “ “ 12 “ “	17,424
“ 36 “ “ 12 “ “	14,520
“ 42 “ “ 12 “ “	12,446
“ 48 “ “ 12 “ “	10,890
“ 24 “ “ 15 “ “	17,424
“ 30 “ “ 15 “ “	13,939
“ 36 “ “ 15 “ “	11,616
“ 42 “ “ 15 “ “	9,953
“ 48 “ “ 15 “ “	8,712
“ 24 “ “ 18 “ “	14,520
“ 30 “ “ 18 “ “	11,616
“ 36 “ “ 18 “ “	9,680
“ 42 “ “ 18 “ “	8,297
“ 48 “ “ 18 “ “	7,260
“ 24 “ “ 24 “ “	10,890
“ 30 “ “ 24 “ “	8,712
“ 36 “ “ 24 “ “	7,260
“ 42 “ “ 24 “ “	6,223
“ 48 “ “ 24 “ “	5,445
“ 24 “ “ 30 “ “	8,712
“ 30 “ “ 30 “ “	6,969
“ 36 “ “ 30 “ “	5,808
“ 42 “ “ 30 “ “	4,976
“ 48 “ “ 30 “ “	4,356

Orange County, N. Y., May 12th., 1903.

W. F. Allen, Dear Sir:—The strawberries I had sent were first class. We have had very dry weather, and very cold. I must say, I do not think we are going to have any loss of plants. I would have great pleasure in getting any future supply from you, and recommend my friends to send also. Your plants could not be equalled.

Yours in haste,

William Gray.

Our Strawberry Book.

Entitled "Strawberry Culture" By Crawford. This little book contains about 60 pages, and gives more strawberry information in a manner that can be understood, than any book or paper published on the subject. Every grower of strawberries in the country should have a copy. It is made up of the following contents, and each subject is treated in a practical way that every reader can understand:

"Habits of growth," "The soil," "Choice of location," "Influence of trees," "Preparation of the soil," "Fertilizers," "Time to plant," "Sex in strawberries," "Selecting varieties," "Heeling in," "Methods of culture," "Marking out the ground," "Planting," "Cultivation," "Cutting runners," "Winter protection," "Early spring treatment," "Mulching," "Treatment of old beds," "Fall planting," "Potted plants," "Transplant layers," "Raising plants from cuttings," "Insect and fungus enemies," "Strawberry culture for pleasure," "Growing exhibition berries," "Increasing new varieties," "Growing plants," "Testing new varieties," "Raising seedlings," "Introducing new varieties," "Bud variation," "A few comments on fertilizers."

I want every one who sees this catalogue to send for this little book. And I make this offer, if after reading you are not thoroughly convinced that it is worth more than a dollar, you are at liberty to return the book and get your money back. Price, 25 cts., postpaid.

I WILL PAY \$100.00 IN GOLD for the 12 best strawberry plants sent me on or before May 1st, 1904 of any new variety not yet introduced. **I will pay \$50.00 in gold for the second best dozen.** I am having a trial plot prepared for the purpose, and the plants will be immediately put out and labeled by the name and address of the sender. Every plant will have the same care and attention as near as it is possible to give it. The plot will be well cared for, and after fruiting in the spring of 1905, the sender of the best dozen, all merits considered, which must be a variety not yet introduced, will receive \$100.00 in gold. The sender of the second dozen will receive \$50.00 in gold. I reserve the privilege of being the judge as to which is the best variety, and there will be positively no partiality shown in the selection. All plants sent which do not capture the prize will be destroyed or disposed of according to the wishes of the sender. All plants should be sent by mail, well wrapped in moss. Send one dozen good strong plants of a kind, no more, no less, and send as early as possible. This offer is entirely independent of a similar offer made a year ago.

Work County, W. Va., May 6th, 1903.

W. F. Allen, Dear Sir:—I wrote you that our plants were short. Well, they came O. K. two days behind the first. The plants were in fine condition, and generous count. I never saw better plants. You will get several orders just by parties that saw the plants. The express was nearly \$4.00 on the whole shipment, but I considered them cheap then.

Yours very respectfully,

T. R. Roby.

POSTAL TELEGRAPH-CABLE COMPANY.
EXECUTIVE OFFICES,
253, BROADWAY,
NEW YORK.

Wm. Allen Esq.

Dear Sir

My plants have arrived safely. all in splendid condition
and all up to your own high standard of excellence. For supplying plants
of the highest order, perfection in packing and generous credit you are
certainly at the head of the procession.

With many thanks I am

Very truly Yours

Wm. Allen

March 31st 1903

Seed Corn.

Having a very fine stock of seed corn this season, of three of the leading varieties, I herewith offer the same to my customers.

All of this corn is selected from a crop making from 60 to 70 bushels of shelled corn per acre; and I am confident there will be no better seed corn offered to the public in 1904 than this.

DROUGHT PROOF. This is a very satisfactory, quick maturing variety; and 90 days from the time it peeps through the ground, it will mature its crop. This is no doubt the best of any quick maturing variety of corn grown to-day. The introducer of this valuable variety claims to have received a great many flattering testimonials in regard to it. This variety was originated in Erie County, Ohio. It has the largest grain and smallest cob of any yellow dent corn, fully as early as Leaming, and in yield not excelled by any other sort. It makes a strong growth of stock and handsome ear. With the unusual yield of shelled corn, insured by great depth of grain, this variety of corn can hardly fail to please all who plant it.

SNOW WHITE DENT. This valuable corn is perhaps the purest white of any variety ever grown, and is especially valuable for corn meal, which when ground from this corn, is as white as the best flour. It requires from 100 to 110 days in maturing ears from 8 to 11 inches, and as its name indicates, it is snow white. I am highly pleased with this variety, and shall plant more

largely of it in the future. I feel that no one would make a mistake in planting this corn.

GOLDEN BEAUTY. This is another valuable yellow corn, and I believe in the entire crop of 10 acres, from which my seed were procured, the ears will average from 10 to 13 inches long; with an occasional one as long as 14 inches. This is a very handsome corn indeed; and requires from 110 to 120 days to mature well. It is the largest grown, and handsomest yellow corn that I have ever seen. The ears have bright golden yellow grains, and completely filled out to the extreme end of the cob. The cobs are usually small. When broken in half, the grains will generally reach across. The richness of color, and fine quality of grain, make it a very superior corn for grinding into meal. Although firm on the ear, it is easily shelled. The stalks take a firm hold of the ground, and grow vigorously to a height of 8 to 10 feet.

Price for all three of above varieties, by express or freight, receiver to pay charges, peck, 50 cts.; half bushel, 80 cts.; one bushel, \$1.40; one bag of 2½ bushels, \$3.25, sack included. No orders filled for less than 1 peck of a kind.

Asparagus.

My stock of Asparagus plants is especially fine: all 2 year old plants. Those ordering asparagus should have their orders in early, and let the plants go by freight, as they will carry much longer in good condition, than will strawberry plants. I have about 300,000 roots, and I am confident they will please all customers. My stock consists of the following varieties:

GIANT ARGENTEUIL. This variety was originally a selection from imported French Argenteuil stock, but has been both acclimated and improved, and is much superior to the original stock. It has been grown for several years, by some of the leading and most successful truckers, near Charleston, S. C., and is pronounced superior to Palmetto, or any other variety in earliness, productiveness, and size of stalks produced. One large Southern grower speaks of this variety as follows: "I have been

growing asparagus for 30 years, and have grown both Palmetto and Argent-uil, and there is as much difference between them, as there is between Conover's Colossal and Palmetto. And for my personal experience of Conover's Colossal and the Palmetto, the Palmetto is twice the size of Conover's Colossal, and longer lived. And I consider Argent-uil twice the size of Palmetto, earlier, more prolific, and longer lived. Price, \$1 00 per hundred, by express; \$4 00 per thousand. All two year old roots.

COLUMBIAN MAMMOTH WHITE. It produces shoots which are white, and remain so as long as fit for use. Market gardeners, growers for canners, and amateurs, should give this variety a thorough trial. In addition to its marvelous advantage of its white color, the Columbian Mammoth White asparagus, is even more robust and vigorous in habit, and throws larger shoots, and fully as many of them as Conover's Colossal. A valuable new variety. Price, \$1.00 per hundred; \$4 00 per thousand. All 2 year old plants.

PALMETTO. Of Southern origin, a variety of excellent quality, early, very large, very prolific, and all who have used it, pronounce it very fine. Price 75 cts. per hundred, by express, or \$3 00 per thousand. All 2 year old plants.

BARR'S MAMMOTH. Early and large, and when placed on the market, its appearance makes a demand for it, while others are at a drag. This is considered one of the best standard varieties. Fine two year old plants, 75 cts. per hundred; \$3.00 per thousand. No orders filled for less than 100 plants of a kind.

On the way to the Post Office with a load of Allen's catalogues. About 150 large newspaper mail bags are required to hold one season's issue or about twelve or thirteen loads like the above.

Clinton County, Ohio, May 1st., 1903.

W. F. Allen, Dear Sir;—I received the plants the 19th ult. all O. K. They were in fine shape, and the nicest plants I ever bought. There were some in bloom, and the bloom was not withered. I will give you another order I think in the future. Wishing you success, I remain,

Yours truly,

N. L. Hammer.

Two Hills of Dewberries Tied to a Stake.

LUCRETIA DEWBERRY.—The best of the blackberry family and decidedly the most productive. The berries are far larger, and incomparably better than any blackberry and of unequalled excellence, sweet and luscious throughout of brightest, glossy black color. The Lucretia Dewberry has received the endorsement and highest praise from the best horticulturist 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. Dewberries should be planted in rows 5 or 6 feet apart and from 2½ to 3 feet apart in the row. Planted 2 feet 9 inches apart in rows, 6 feet apart, it will require 2500 plants per acre. Dewberries bear considerable better if staked, which can be done by driving a 4½ foot stake between each alternate hill, leaving about 3½ feet above ground and tying two hills to one stake as in above illustration which was drawn from a photograph taken in my field and is no exaggeration of a well grown hill of dewberries. The vines should be allowed to run on the ground until all danger of winter killing is over but should be tied up early in the spring before the buds get too large or you may rub many of them off in handling and thus injure your crop. Some do not stake them at all but simply keep the vines cut back to about two feet in length, this is a cheaper way to grow them but the berries are hard to find in picking and many of them are apt to be left from time to time and get too ripe and they are too often spoiled by getting full of dirt and grit. Price of Lucretia the best variety by express or freight f. o. b. Salisbury. \$1.00 per 100; \$5.00 per 1000 20.00 per 5000; \$35.00 per 10,000. I also have a few Austin's Dewberry plants, at \$1.00 per 100; \$5.00 per 1,000.

W. F. ALLEN, Salisbury, Md.

McWhorter Improved Fertilizer Distributer.

A complete practical and attractive machine, simple in construction, easily understood, and effective in operation. It will pay for itself the first week, in the saving of labor alone, besides the satisfaction and saving in having your fertilizer evenly distributed. For top dressing strawberries, it has no equal. It distributes the fertilizer all over the row evenly, and just where you want it just the quantity you want, as fast as a man can walk. For sowing fertilizer, in the drill, push the spouts all together and your fertilizer is evenly distributed from the bottom of the furrow just where you want it, and just the quantity you want without waste, and far better than by hand, or with any other machine made.

To spread the spouts for top dressing strawberries, or broadcasting, and to close them for sowing fertilizer in the drill, requires less than one-half minute. I have sold a great many of these machines the past season, and have not had a single complaint. No one who grows strawberries, or runs a truck farm and garden, can afford to be without this machine. It is a wheelbarrow arrangement to be pushed by man power, (no horse) and can be used all day by an ordinary able man, without being unusually tired at night. Price, f. o. b. factory, \$10.00 each.

Drilling Fertilizer in the furrow with McWhorter Distributers. This field contains over 60 acres and was quickly and neatly fertilized in the drill with two of these hand machines. This is same field as shown on page 7

IMPROVED HORSE FERTILIZER DISTRIBUTER.

This machine is made in two sizes. No. 14 will top dress or sow in the furrow 2 rows at a time. No. 16 works 3 rows at a time, and will broadcast a breadth of 8 feet 6 inches every trip across the field. No. 14 will broadcast 6 feet at a trip. In building this machine, every tried and approved feature of our well known hand fertilizer distributors have been carefully preserved. We

refer especially to our unequalled belt feed, strengthened to meet the demands of horse machines. This feed is without doubt superior in all respects, and is so pronounced by farmers everywhere. We urgently advise spreading fertilizer well for furrow work, especially when using heavy. These distributors put this matter readily and thoroughly under the control of the operator. These machines are worked with one horse, (No. 14,) and will distribute fertilizer in 3 furrows at once, if 2½ feet or less apart. Over that width, and up to 5 feet, it will distribute in 2 furrows. It will side dress 2 rows of any growing crop, on each side of both rows. It will also side dress one side of 2 rows, that is to say, either the North side or South side as may be desired. It will distribute over 2 beds of strawberries of ordinary width, spread nicely to suit the case. It can be instantly changed to a broadcaster, taking a scope of 6 feet. No. 16 will be found a most convenient machine, for doing furrow work, side and top dressing on rows up to 8 feet apart, and broadcasting.

	Price	Shipping Weight.	Hopper Capacity
No. 14.	\$30.	290 pounds.	300 lbs fertilizer
No. 16.	\$43.	362 pounds.	450 lbs. fertilizer

McWhorter Seed Drill.

We claim this to be the best garden seed drill on the market, and I

want to explain briefly a few of the leading valuable features of the drill. 1st., It will drill all kinds of garden seed with great regularity, in a very narrow row or line. This is very desirable because it is easier to work close to the plants, while they are small. Easier to thin them, and they come up better if the ground should crust. 2nd., It plants seed in hills or spaces, thus - - - several different distances, not in a lump, but strung out just enough to thin readily. This saves a great deal of seed and labor, and

is well worthy the planter's earnest attention. To change from drilling to hilling, and back again, requires but one second of time. 3rd., The feed is positive and perfectly adapted to the certain and regular distribution of the light, rough, slow moving seed, as well as the heavier smooth kinds. In fact, we here emphasize the point that we have in this drill, a feed that handles all kinds of seed. 4th., The feed gate is in open view; and can be seen by the operator while the spreader is in motion. 5th., The seed being put down in a line, they are covered in a manner that prevents water from lying on them.

and the ground from baking. This means that the seed have a far better chance to get up quickly and regularly after heavy rains. The drill opens the ground for the seed without dragging in the last, grass roots or filth. It positively will not clog. In a word, it is built on correct principles, that have been worked out through application and persistence, and cannot fail to convince everyone of this fact, who will give it a trial. Price, f. o. b. factory, \$10.00 each.

Are You Bothered With MOLES?

THEN BUY

The Out o' Sight Mole Trap.

The best Mole Trap ever offered, to which thousands will testify. It has only to be tried to be appreciated. Especially valuable for hot beds, on account of its convenient height. This Mole Trap outsells all others because **it does the business best.** It is designed right and built right. The secret of mole catching is a good trap. This is positively the best and cheapest mole trap made. I guarantee it to be so. You will appreciate its value by giving it a trial. The peddle is so sensitive if carefully set that it is impossible for a mole to pass under the trap without being caught. It will catch where all others fail. It catches going or coming. Several years ago I bought six—got them about night and went out and set four of them. The next morning I had caught three moles and no mole had passed the fourth trap. Full particulars for setting with each

trap. Price, \$1.00 each (postage 25 cents if to go by mail), \$5.00 for half dozen. Those ordering plants can have traps packed in same package with but little if any additional express charges. One trap would make no additional charge, half dozen but very little.

Address all orders to

W. F. ALLEN,
Salisbury, Md.

Butler County, Pa., May 6th, 1903
W. F. Allen, Dear Sir;—The plants received 2nd. inst., all O. K. They are certainly a fine lot.
Yours respectfully, P. A. Pepper.

Middlesex County, Mass., June 8th, 1903.
W. F. Allen, Dear Sir;—On setting and counting the strawberry plants you sent me, order 1682, I find about 50% more plants than I expected, all with good strong roots, and the Fairfield especially so. Nearly everyone is doing well.
Thank you. Yours truly, J. H. Richard.

Vote On Varieties.

Every one who receives this catalogue is earnestly requested to send in his or her vote on varieties. The information derived will be very valuable to all growers as well as myself, and every person sending his vote shall have a full account of the 'election returns' mailed him after the votes are counted. I want every one to send in his or her vote that is interested in strawberries whether a customer of mine or not. The results will be given in each State separate and also the country as a whole. The more votes I can get the more valuable will be the information obtained. Kindly write names and addresses of the best growers you know on back of this vote and mail to me and I will send them blank votes to be filled out; also kindly help me to get out a full vote by sending the names of the most progressive growers you know. It will be worth considerable to you to know by actual test of the growers of your State the best varieties for home market, for shipping, etc. Kindly attend to this at once before you forget it.

TEAR OFF HERE.

From My Experience and Observation	For Distant Shipment	For Home Use or Near Market	
The best early variety is			
The 2d best early variety is			
The 3d best early variety is			
The best midseason variety is			
The 2d best midseason variety is			
The 3d best midseason variety is			
The best late variety is			
The 2d best late variety is			
The 3d best late variety is			

Your Name Post Office State

Allen's Subscription Agency

OF BEST HORTICULTURAL AND AGRICULTURAL PERIODICALS.

Knowing a large portion of the people who receive my catalogue, are readers of good Horticultural and Agricultural literature, I have made arrangements with a list of the best papers of this class, whereby I can supply my strawberry book and your favorite paper at quite a saving on the regular subscription price. I can offer you any one, or as many as you want of the following papers, at price given in right hand column of figures, either new subscribers or renewals. You must, however, to entitle you to these reduced rates, enclose 25 cents for one copy of "Strawberry Culture," except when ordering club including it.

Publisher's Price For One Year.	Name of Paper	My Price For One Year.
\$1.00.....	American Agriculturist.....	(W)....\$.85
1.50.....	American Gardening.....	(W)....1.25
2.00.....	American Cultivator.....	(W)....1.75
.50.....	American Poultry Journal.....	(M)....35
.50.....	Agricultural Epitoniist.....	(M)....35
1.00.....	Atlanta Constitution.....	(W)....85
.25.....	American Poultry Advocate.....	(M)....20
2.00.....	Breeder's Gazette.....	(W)....1.25
3.00.....	Country Life In America.....	(M)....2.25
1.00.....	Coleman's Rural World.....	(W)....75
1.00.....	Connecticut Farmer.....	(W)....70
.50.....	Farm and Fireside.....	(S M)....30
.50.....	Farm Journal.....	(M)....25
.50.....	Farm and Home.....	(S M)....35
1.00.....	Farm Poultry.....	(S M)....75
3.00.....	Fruit Trade Journal.....	(W)....2.75
.50.....	Green's Fruit Grower.....	(M)....25
1.00.....	Gleanings in Bee Culture.....	(S. M)....75
.50.....	Home and Farm.....	(S. M)....40
.50.....	Horticultural Visitor.....	(M)....25
1.00.....	Irrigation Age.....	(M)....85
.60.....	Indiana Farmer.....	(M)....50
1.00.....	Inland Farmer.....	(W)....75
.50.....	Journal of Agriculture.....	(W)....35
.25.....	Kansas City Star.....	(W)....20
1.00.....	Kansas Farmer.....	(W)....75
.50.....	Missouri Valley Farmer.....	(M)....25
1.00.....	Mirror and Farmer.....	(W)....75
.60.....	Michigan Farmer.....	(W)....50
1.00.....	Nebraska Farmer.....	(W)....75
1.00.....	National Stockman and Farmer.....	(W)....75
1.00.....	New York Farmer.....	(W)....85
.50.....	North American Hort.....	(M)....30
.50.....	National Fruit Grower.....	(M)....30
1.00.....	New England Farmer.....	(W)....75
.50.....	Ok. Farm Journal.....	(S.M)....35
.60.....	Ohio Farmer.....	(W)....50
1.00.....	Practical Farmer.....	(W)....75
1.00.....	Prairie Farmer.....	(W)....50
1.00.....	Rural New Yorker.....	(W)....90

.50	Southern Planter.....	(M).....	.40
1.00	Southern Cultivator.....	(S.M).....	.75
1.00	Skordemanne.....	(S.M).....	.75
.50	Southern Agriculture.....	(S.M).....	.35
.50	Southern Fruit Grower.....	(M).....	.30
1.00	Texas Farm Journal.....	(W).....	.75
1.00	Tennessee Farmer.....	(W).....	.75
.50	Up To Date Farming.....	(S.M).....	.35
.50	Western Fruit Grower.....	(M).....	.30
1.00	Wallace's Farmer.....	(W).....	.75

CLUB No. 1—All for \$1.00—One copy Strawberry Culture, Practical Farmer, Farm Journal, one year.

CLUB No. 2—All for \$1.00—One copy Strawberry Culture, National Stockman and Farmer, Farm Journal, one year.

CLUB No. 3—All for \$1.00—One copy Strawberry Culture, Green's Fruit Grower, Farm Journal, Mo. Valley Farmer, Western Fruit Grower, 1 year.

CLUB No. 4—All for \$2.00—One copy Strawberry Culture, Breeders' Gazette, Practical Farmer, one year.

CLUB No. 5—All for \$2.00—One copy Strawberry Culture, Breeders' Gazette, National Stockman and Farmer, one year.

CLUB No. 6—All for \$2.00—One copy Strawberry Culture, Farm Poultry, Practical Farmer, Gleanings in Bee Culture, one year.

CLUB No. 7—All for \$2.00—One copy of Strawberry Culture, Prairie Farmer, Kansas Farmer, Nebraska Farmer, one year.

CLUB No. 8—All for \$2.00—One copy Strawberry Culture, Coleman's Rural World, National Stockman and Farmer, Practical Farmer, one year.

CLUB No. 9—All for \$3.00, the price of Fruit Trade Journal alone—One copy Strawberry Culture, Fruit Trade Journal, Western Fruit Grower, Green's Fruit Grower, Practical Farmer, Mo. Valley Farmer, one year.

When ordering the above club offers order by the No. of club wanted. Thus—send me Club No. 4, price \$1 00, and always use blank below for sending in subscriptions:

TEAR OFF HERE.

W. F. ALLEN, Salisbury, Md.,

Dear Sir:—Inclosed find \$ for which you will please enter my subscription for one year to the following paper or papers:

	Amt.	New or Renewal
One copy Strawberry Culture.....		
.....		
.....		
.....		
.....		
.....		

Your Name..... P. O.....
(Plainly Written)

County..... R. F. D. No..... State.....

CLIMAX STRAWBERRIES.

Section of row photographed last summer by W. F. Allen. Note the luxuriant foliage and the enormous crop of berries. See description elsewhere in body of catalogue.

CANDY

NEW YORK