

## BERRY FIELDS SHOW WONDERFUL RESULTS ON LOCAL INSPECTION TOUR

Twenty to thirty berry growers and others interested in Cuthbert raspberries made the tour of the berry fields last Saturday and feasted their eyes and otherwise on the delicious berry that grows to such perfection in this section.

Of the local growers there were not very many present as the season is just at its height and pickers are not plentiful. Many growers did not make arrangements for their pickers on account of the uncertain conditions earlier this season and it takes every minute of their time to keep things going properly.

With the party Saturday were people from Lane, Benton, Washington, Columbia and Clackamas counties. These people are contemplating growing raspberries and were anxious to learn all the late methods.

The eight or nine automobiles in the party left the county agent's office a little after 10 o'clock and first visited the Berry Growers' cannery where they were taken through the plant and given the opportunity of witnessing the process from the time the berries are received until they are ready for shipment as canned fruit. This is a most interesting process and the visitors showed great interest in the many phases of the work.

Leaving the cannery the party went to the Andrew Bros. field on the D. E. Towle place and viewed the fine field of young plants which were planted in the month of February, 1920. There are 21 acres on this place and a splendid opportunity to note the difference in care of the young plants the first year was given. The season was such that one half of the field got away from the workers last year and the weeds grew so high that they had to be plowed and it was late in July when this was done. These plants are very thrifty and have vigorous young canes of this year's growth. The other section of the field which was not plowed late is of a poorer color and the new growth is not so hardy. Mr. Andrew attributes the difference to the fact that the late plowing killed out the suckers or young plants and consequently the vitality of the plant was all conserved in the hills. From this part of the patch he dug about 400 plants to the section while in the part which was not plowed late and which is now of much poorer quality he dug on the average of 800 plants to the section. Mr. Andrew says it seems that the vitality of this part of the patch went to young plants and poorer, weaker, canes in the hill result.

Andrew Bros. plant vetch in the fields a plow it under in the spring. They planted the vetch last October and plowed it under this spring. The only other fertilizer used was super phosphate which was sowed broadcast at the rate of 150 pounds to the acre about May 1st.

Mr. Andrew advises planting about 3 1/2 feet apart in the row but this is about a foot more than is the usual practice. The rows are 7 1/2 feet apart and Mr. Andrew thought that eight feet would be better.

The next stop on the tour was at E. Spath's field just west of the Gresham gravel pit.

Mr. Spath has one of the finest fields in the state. His main field is eight years old and those who have known the field for some time say that three years ago the soil was lifeless and the field in a rather poor state because the vital elements in the soil had been depleted to such an extent that the plants could not obtain nourishment from the ground.

The first year Mr. Spath plowed under a crop of vetch and put on 250 pounds of nitrate of soda. This increased the yield and the growth of the vines but the berries were too soft. Later he added potash for its hardening qualities and added more of the other forms of fertilizers and an abundance of straw.

This year he has used three tons of straw and 100 pounds of nitrate of soda, 100 pounds of potash and

500 pounds of super phosphate to the acre. Next year he expects to increase the nitrate of soda to 200 pounds and add the same amounts of other fertilizers. He will use all the straw he can get if he can get it into the ground.

Mr. Spath was unable to get barnyard manure so has to depend upon commercial fertilizers. Where barnyard manure is available in sufficient quantities Professor Long, horticultural specialist from Corvallis said that he advises the use of potash and a part of the super phosphate to balance the fertilizer. No nitrates should be added when sufficient barnyard manure is available.

Mr. Spath introduced a unique trellising system on his place which will probably be copied by many growers. He has two wires strung rather high and winds the vines upon these wires rather than topping them as has been the usual practice. These wires are spread about 18 inches apart and held by small cross pieces. This allows space between the rows for the new canes to grow and they certainly avail themselves of the opportunity. There are canes nine or ten feet high at this time and still growing.

Mr. Spath continues cultivating through the picking season and once each week the field is given a shallow cultivation to break up the packed ground where the pickers have walked.

The advantage gained from all this work and care is the fact that last year Mr. Spath's 4 1/2 acre field averaged 3 1/2 tons to the acre and it is estimated that the yield this year will be four tons. He has ten pickers to every acre and is unloading from 1 1/4 to 1 1/2 tons daily at the Berry Growers Packing Company plant. He figures that the trellising gives him an advantage of about one ton to the acre.

Asked when the old vines should be cut Professor Long and other berry specialists agreed that it depended on the condition of the plants. In a field like Mr. Spath's where the new canes show a wonderful growth the old vines should be left until dormant as the cutting of the old vines would start the plant to running up countless smaller plants and force the growth of the new canes unnecessarily. In good fields the bearing vines should be left until the leaves fall. However if a field should show a poor growth of young canes the cutting of the old vines at the close of the bearing season would tend to increase the growth of the new canes.

The next stop on the trip was at H. W. Strong's berry fields. Mr. Strong has the largest acreage of bearing vines to be found in this section.

He has a new system of trellising also, one he claims is more practical than the Spath method. This is a three wire system. All of the canes both old and new come up between two wires and the bearing canes are then twisted upon a single wire which is strung along the tops of the posts at a convenient picking height and the new canes are left to take care of themselves. The young canes are not upon the ground as in some fields because they are held between the lower wires but they are on the outside of the row rather than the inside as in the Spath patch. Mr. Strong claims for his method the advantage of less difficult picking and a better plan for the average picker with which the grower has to deal. With careful painstaking picking Mr. Strong admits the fact that there would be a larger number of berries upon the Spath vines but that careless picking such as growers have to contend with is increased by the fact that many of the finest berries are under the vines in the two wire system and are often not picked until overripe thus cutting down the quality of the picked fruit, while in the one wire system the berries all grow close together. Mr. Strong advises winding the vines

toward the south if the rows run north and south or toward the east if they run in the opposite direction this he said increased the circulation of light and air through the vines and made for better berries. He emphasized the quality of the berry rather than the quantity and is working toward the firm berry picked at its prime and all methods which he uses must conform to this ideal. Quantity records come second.

Owing to the fact that it was nearly 12:30 the stop at the Strong fields was not very long and the party moved on to the big Booster picnic at Cedarville park where they had been invited to spend the noon hour.

After lunch at Cedarville the next stop was at Eugene Chiodo's place where a still different method of wiring was inspected. Here the Spath principal of growing the canes on the inside and bringing the bearing vines to the outside is followed but the bearing vines are cut about five feet long and are held between two wires. The hills are divided, half being brought to each side and placed between two wires. This makes a four wire system very similar to the Spath method with the exception that Chiodo's prune the vines and Spath does not. The opinion as to the proper number of canes to leave in a hill varied with the grower. Mr. Spath leaves up to 12 canes in each hill, Mr. Strong leaves only five, while the others vary between these two extremes. When Professor Long was asked to give an opinion he said that upon the fertility of the soil and the conservation of moisture by cultivation depended the answer to the question. This he said would vary under different growers and in different sections.

One feature not mentioned in the equipment of the berry fields was the carriers which are of different styles. One feature of the carriers at the Chiodo fields was the fact that they were equipped with legs which put them at a more convenient height and kept them up off the ground and out of the dust. It seemed a convenient addition which was easily provided.

The last field visited was that of W. F. Robinson on the Section Line road where the vines are cut back to about four feet. At no other field on the trip were the berries of such uniformly large size and excellent flavor but there was a much smaller number of berries. It was found that in addition to 500 pounds of commercial fertilizer Mr. Robinson had used 10 loads of barnyard manure to the acre. This made the total fertilizer even greater than that used in the Spath field but the yield will not equal that of the Spath patch.

Some discussion resulted over the method employed and it was insisted by some that even with the same method of topping back the vines a larger yield could be produced. It was finally decided that the fertilizer and cultivation had all been to produce a rapid growth of long canes which had then been cut off and with this pruned material had gone most of the bearing wood. The forced growth had made the distance between the lateral buds greater and by cutting off to four foot only a small proportion of the lateral buds were left to produce bearing wood with all the fertility of the soil to draw from, enormous berries are produced but the quantity is limited by the number of bearing branches. It was remarked by some that a larger crop would result from the topping method if less fertilizer was used, especially of the elements which produced the rapid and increased growth.

Mr. Robinson's fields were much later in ripening as the pickers were on the third picking Saturday while in the Spath field they were on the seventh or eighth picking.

Although the majority of the people in the party were interested in commercial fields Professor Long told them how the crop season for a home garden could be prolonged indefinitely by using all the various methods on one row. Beginning at one end of the row the vines should be trellised and then part of the row could be cut back some shorter than others and if extremely late berries were wanted the vines should be cut back to 18 inches. This will bring the berries very late.

The trip was one of great profit and will do much to spread the news of Multnomah county's fine berries all over the state besides the opportunity afforded to local growers to observe the difference in the methods used and results obtained.

Automobiles are now able to reach the rim of Crater Lake, Oregon, the weather having turned warm, melting the snow rapidly. From now on there will be no difficulty in reaching the rim of the lake and the Lodge in automobiles.

The Bank of Gresham pays 5 per cent interest on time deposits.—Adv.

### Ladies!

Have him bring home a brick of White Clover Ice Cream. Carried in stock at Withrow's Confectionery.

## SEWER BONDS ELECTION CALLED FOR AUGUST 22

Contracts for all the legal work involved in the issue of \$25,000 worth of bonds for the installation of a sewer system in Gresham were awarded to Messrs. Atkinson, Starkey and Zilka at the adjourned council meeting held Monday evening. H. J. Stocker, who made the estimates reported to the council at the last meeting. These estimates are lower than was anticipated and at Mr. Stocker's request will be checked over by another company. Mr. Stocker says that he has figured the proposition from all possible angles and always arrives at the same conclusion.

A special election has been called for Monday, August 22, and a formal notice of the election will be published soon. The bond dealers who have the contract for all this legal work are responsible for all the details of the legal proceedings and the contract calls for a passing opinion by the leading bond house in this section. When this bond house passes upon a bond issue it makes the sale of the bonds certain.

The special election votes were canvassed and as all the votes were in favor of the annexation of the two tracts of land they were declared a part of the city and the engineer was instructed to run a line out on Powell street and fix the location of the two-inch water main to serve that district.

### HONORS WON BY JERSEY CLUB OF CLACKAMAS CO.

The Clackamas County Jersey Cattle club will hold a celebration at its regular meeting Saturday, July 23 over the winning of the "Accomplishment Cup" presented by the Jersey Bulletin of Indianapolis, Indiana, to the Jersey club in the United States which did the most to promote the interest in Jerseys during the year of 1920.

The winning of this cup is an honor to the entire state as well as to the Clackamas county club for it means much to the state to have a live booster club located within its bounds.

The club will meet at Firwooden farm, the home of Mr. and Mrs. A. Malar. Firwooden farm is located two miles east of Sandy on the Mt. Hood road. An invitation has been extended to all of the County Jersey clubs of Oregon and the State Jersey club to join in the celebration on July 23. The cup will be on exhibition.

The following is the day's program:

- 10:30 Regular business meeting.
- 12:00 Picnic dinner.
- 1:00 Song, "The Home of the Jersey," by Sandy quartet.
- Presentation of the "Accomplishment Cup."
- Song, "The Cow that Pays."
- Address, "The Dairymen of Yesterday, Today and Tomorrow," J. D. Mickle.
- Song, Sandy quartet.
- 3:00 Clackamas County Juvenile Jersey Cattle club contest; \$10 to be given for prizes.

### BOYS' AND GIRLS' CLUBS PREPARE FOR CONTEST

Special pig showing contests will be held next fall at all county fairs, state fair, and the Pacific International Livestock show, to be open to all members of boys' and girls' pig clubs who show purebred pigs of any recognized breed. Heretofore very little attention has been given by the judges to the manner of showing the animals.

Judges will consider 50 per cent for preparing the pig to show under the following points: condition of feet and trimming of toes, trimming of ears and tail; washing and cleanliness of ears, belly, head, and flanks; and condition of coat, including glass, excess of oil, and use of objectionable materials. The remaining 50 per cent will be based on the showing of the pig, including control of animal by the exhibitor; poise and coolness of exhibitor; skill in showing, including continuous attention, keeping the pig placed to advantage, and being on the job; and ability to stand, move, or drive the pig as requested by the judge.

### MULTNOMAH GRANGE MEETS NEXT SATURDAY

Multnomah grange No. 71 will hold its regular meeting on Saturday, July 23. Songs by the grange, recitation by the children and other interesting numbers have been arranged for the lecture hour. Among the special features will be readings by Miss Fay Lord and Mrs. George Armstrong; a solo by Mrs. Leo Dollowitch, a duet by Vera Stafford and Crystal Hayden and a violin solo by Mrs. A. McMillan accompanied on the piano by Mrs. Dollowitch. Roll call will be made by answering the question, "What I wish I had been taught when I was a child."

## VISITORS ARE FAVORABLY IMPRESSED WITH GRESHAM'S 1925 FAIR SITE

The booster picnic at Cedarville Saturday was one of the most delightful occasions that Gresham has enjoyed for some time. About 250 persons were present and included practically all of the business men and their families of Gresham besides many other interested citizens from Gresham and other communities near by. The picnic was given under the auspices of the Gresham Business Men's association, assisted by the ladies of the community.

Not as many of the Portland people were present as were expected due to the fact that many were away on vacations and other interests that made it impossible for them to be present.

John Brown acted as master of ceremonies and introduced the speakers. Mayor K. A. Miller was the first called upon and extended the welcome of the town to the visitors and gave a number of excellent reasons why the fair should be located in this section.

Judge Geo. W. Stapleton explained the advantages of the site in his usual happy manner. In opening his remarks Judge Stapleton said that he did not know at which end he should begin his remarks, whether as a representative of this locality or of the organizations in Portland which had made him their representative at that meeting. Among these were the Ad Club, Progressive Business Men's Club, Kiwanis Club, Rotary Club and the Agricultural committee of the Chamber of Commerce. He also was the personal representative of Mayor Baker. If when Judge Stapleton reports to these various clubs he gives as enthusiastic a description of the various advantages of the proposed 1925 fair site as he did Saturday they can hardly help but be impressed.

The beauty of the territory lying between the "largest city and the largest mountain" was described in glowing words and the many other advantages including standard gage railroads, water supply of Bull Run water that has made Portland famous, and many other features which makes this one of the best sites for the fair that could be found in the entire state were given due consideration. It is close to Portland with excellent transportation, he explained. "We have everything" said the judge "except the judgment of the committee and that is what this picnic is for and that is the reason for the arguments which the visitors have consumed with such relish."

F. E. Beach, who it was said had done more than any other man to bring the fair to this state and make it the assured event which it now is, spoke a few words about the objects of the fair and what had been done already toward the promotion of the fair.

John Gratke, assistant of Julius Meier, gave a most amusing talk in which he advised the Gresham people to get the judge busy selling real estate for them around the site, expressing his belief that the judge could sell the fog off the proposed lake at the foot of Grants Butte. Mr. Gratke told a number of amusing stories and kept the crowd in high good humor. He informed the audience that every state west of the Rocky mountains had pledged its support to the fair and that President Harding had promised that he would sign the resolution in congress at the present time authorizing the invitations to foreign nations and also that he would be present in Oregon when the fair gates swing open in 1925.

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### ELECTRICAL HOUSEKEEPING

Eight hours is insufficient time for human hands to perform all the household tasks. However, it is possible to establish the eight hour day in the home by making use of the electrical hands that are offered to you in the form of the electric dishwasher, washing machine, ironing machine, vacuum sweeper and the many other labor-saving devices. These untiring "household assistants" will do your work quickly and efficiently. Your home can be run systematically with these electrical hands for they never disappoint you or grow tired. Your time and energy can be devoted to the better things in life, when you keep house electrically. Glad to show you any time.

TWO STORES—Electric Store, Electric Building, —Electric Store, First and Alder Sts.

### Portland Railway, Light & Power Co.

### SPECIAL PRICE TIRE SALE

- 33 x 4-34 x 4 1/2-35 x 5 Rims.
- 36 x 4 1/2 Goodyear Cord, Retreads.
- 33 x 5 Firestone Cord, Retreads.
- 37 x 5 Miller Cord, second hand.
- 36 x 4 1/2 Goodyear Cord, second hand.
- 34 x 4 New Fabric, 32 x 3 1/2 United Fabric.
- 36 x 6 Special Standard Cords, truck size.
- 31 x 4 second hand; 33 x 4 second hand; 35 x 4 1/2 second hand; 34 x 4 1/2 Retreaded Cord; 33 x 4 1/2 Retreaded Miller.

GRESHAM TIRE CO. Powell Street. Phone 37. Opposite Brown's Market.

The site must be adapted to the plan of the fair. He also said that at present the committee was open minded and due consideration would be given every site offered.

Ralph Hoyt, county commissioner, pledged his support to the Gresham site and said that all assistance possible in the way of good roads, etc., would be given.

Milton A. Miller, collector of internal revenue, was called upon for a few remarks and got off several sallies at the expense of the judge and the republican party. He expressed his great love for republicans but said he thought there were too many of them, especially at election time.

C. L. (Farmer) Smith was called upon and told the people that in his opinion the thing to do was to talk Gresham Fair 1925 until everybody was thinking 1925 Fair at Gresham. He said he thought the site a fine one, better by far than the site of any world fair that had been held during his life time, and said that he had seen them all. He said that during the morning he had seen the largest and best raspberries that he had seen any where in the United States and his work as agriculturist for the O. W. R. & N. railway company has taken him all over the country.

At the close of the speeches the Portland visitors and a few local people made the tour of the proposed site and then went up on Gresham Butte, where they could see the vast valley lying between Portland and the mountains. Mr. Hoyt said he had never dreamed there was such a place in the state. Mr. Beach remarked that the English language failed to express the beauty of the scene and Mr. Gratke said it was the finest thing he had ever seen. One of the men pointed out the Columbia and remarked "that little creek is the Columbia river."

The visitors were very much impressed with the opportunities of this site and it remains to be seen later whether or not it will be selected. In the meantime things are not discouraging and the boosters should keep boosting.

In the list of names published last week of the members of the Business Men's association who supported the picnic by closing their business houses and attending the picnic the name of Cecil Metzger was omitted as he was off on a fishing trip and A. Johnson who was in charge did not care to take the responsibility of signing up among the first but said he was certain Mr. Metzger would support the picnic. Through an oversight his name was omitted.

John Rude and J. Whetstone although not members of the association closed their business houses and attended the picnic.

To Mrs. M. J. Allshouse fell the honor of baking the cake which called forth the praise of Mr. Gratke who praised it.

### W. C. T. U. RALLY AT GLADSTONE THURSDAY

The W. C. T. U. will hold a big rally on Thursday, July 21, at Gladstone Chautauqua and local members are urged to attend. The program will begin at 4 o'clock in the afternoon and will consist of readings and musical numbers. The medal contest will be put on and W. C. T. U. members will compete for the medal by giving appropriate readings.

We have some good bargains in used Chevrolets and Fords. Easy terms. Field Motor Car Co. Phone 2331.

### Ladies!

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