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MANY FARMERS VISIT EXPERIMENT STATION

TRIP WELL WORTH WHILE IS VERDICT

Much Valuable Information to Be Gained By Visit to Demonstration Farm

Nearly 50 farmers of this county took advantage of the opportunity afforded last week of visiting the Moro experiment station in Sherman county and all agree that the trip was one well worth while for every man who is interested in wheat farming.

The party which was arranged by the directors of the farm bureau and the county agricultural agent, left Heppner last Friday morning going via Arlington, Rufus and Wasco where they arrived in time for lunch. The afternoon was spent in visiting a number of large wheat farms in Sherman county and getting acquainted with the owners and their methods of farming.

Gordon Ridge which is considered about the best section of Sherman county, has a fair crop but not quite up to average on account of a poor stand. At that they are expecting around 30 bushels or better. In the north part of the county many fields are badly infested with weeds due to the late spring, which will lessen the yield in that section.

Friday morning was spent by the visitors in going over the experimental farm which is in charge of D. E. Stephens. The farm contains 250 acres of which 200 acres are in cultivation.

The farm is divided into tracts ranging from 20 acres down to single rows only a few feet in length in the "nursery" department where experiments in propagation of new varieties and hybrids are carried on. The larger tracts are devoted to experimental and demonstration work. There the visitor is given a chance to see the results of deep and shallow plowing, plowing at different seasons, different methods of cultivation etc. as well as different varieties of wheat in tests as to their adaptability to the soil and climate of eastern Oregon.

Accurate records are kept of all experiments so that after nearly ten years Mr. Stephens is well prepared to advise the farmers of his district when to plow their land, how best to cultivate to kill weeds and conserve moisture and which of the many varieties of the cereal are best adapted to bringing him a profitable crop.

Records have also been kept for several years by Mr. Stephens, working in cooperation with Sherman county farmers, regarding the actual cost of producing a bushel of wheat—something that is of more than ordinary interest to every wheat farmer.

After spending the forenoon going over the farm the party enjoyed a banquet at the Moro hotel which had been arranged by the Sherman county farm bureau when R. V. Gunn, crop expert from O. A. C., gave an inter-

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COLORADO POTATO BUGS HAVE ARRIVED

W. H. Herren found several unwelcome visitors in his garden near the May street bridge Monday morning and captured a few specimens and brought them to the Herald office for identification. The h. m. promptly classified the specimens as the Colorado potato bug, having had a very intimate acquaintance with the breed in his boyhood days back on the old Pennsylvania farm.

County Agent Calkins was notified and the responsibility of getting rid of the nuisance was turned over to him. He has placed the specimens on exhibition in a Main street window and in another column tells what to feed them on to keep them from getting too fat and numerous.

Mr. Calkins says there were a few found at Irrigon last year but so far as known these are the first discovered in this part of the county. They are bad actors and a great many of them will eat up a whole patch at one meal.

LEE W. NOTSON TO WED IOWA GIRL

Mr. and Mrs. S. E. Notson have received invitations to the wedding of their son, Lee W. Notson and Miss Florence May Kirk which is to take place at Dunlap, Iowa, tomorrow, June 28th.

Mr. Notson has lived in Iowa for several years but spent some time in Heppner with his parents after returning from the world war. Heppner friends will join in best wishes.

HEPPNER TOO SLOW SAYS MONUMENT MAN

Gus Paine, Ed Rounds and Ed Ganger, stockmen of the Monument country, were in town during the week on business. Mr. Paine, who is in the sheep business, says the road between here and Monument is in very bad condition due to so many sheep being driven over it filling the grades with loose rock.

"Heppner has lost a lot of good trade from our part of the country," Mr. Paine said to a Herald reporter, "by being too slow about improving the Monument road. While the distance to Condon is about double the distance to Heppner the John Day highway has diverted most of the trade to the former town. Nearly all of our wool which formerly came to Heppner went to Condon this year and unless Heppner shows some interest in improving the road it will continue to go there. We like to come to Heppner and do our business here and with road conditions somewhere near equal the matter of distance would give Heppner the best of it but roads count these days more than they used to."

FOR SALE

My Shetland pony "Teddy" is for sale. He is a fine pony and I will sell him cheap. Call at Guy Boyer ranch Hinton creek, or address Phil Boyer Heppner, Oregon.

The Ranch of Two Thousand Separate Varieties of Wheat

D. E. Stephens Making Study Of Wheat Growing

"In Indianapolis there lives a former newspaper man, now famous as a novelist and essayist, who wrote 'The House of a Thousand Candles.' At the Moro experiment station in Sherman county, there is another man equally famous in his line of endeavor, who is in direct charge of 'The Ranch of 2000 Varieties of Wheat.' Meredith Nicholson is the novelist and D. E. Stephens is the scientific farmer, and one reason I mention them both in the same sentence is that they have at least one striking physical resemblance in common and they are both affable gentlemen. There is still another reason says Joe Harvey in the East Oregonian.

"The physical resemblance is found in their eyes. The upper lids are triangular in effect which means that the angle at the top is sharp, and the same is true of the angle formed at the outer corners of the eyes. And where the lids join at the corners to enclose the eye one doesn't have to look closely to find the makings of smiles but the sunny, crinkly kind that never fail to strike a response in the mind of the beholder.

"And the other reason I thought of Nicholson when I saw Stephens? Well, they are both writers. One writes novels, essays, short stories. The station director is also a writer and this is true in two ways. He describes with words in a very clear interesting way the work he has been doing for more than a decade at Moro, but he is writing a fuller story at Moro in his work itself. It can be seen to splendid advantage by any man or woman boy or girl, who wishes to go and study the experiments that are literally sermons in themselves. His writing with words tells in a less graphic way the story which growing wheat has already made plain to his trained mind as he watches it from year to year in all stages of its life. The various plots tell interesting stories even to the casual observer.

"The station at Moro, which is conducted under cooperative state and federal direction, is devoted to the culture of dry farming wheat, and Mr. Stephens has direct charge of this work as superintendent. The farm consists of 233 acres but the cultivated area is 200 acres. On this in plots ranging in size from 15 acres down to single rows only inches in length there are a total of approximately 2000 varieties, if the hybrids are included. There are about 1000 of these. They are not varieties yet, but some of them probably will become varieties in several years. Others will be discarded if they fail to establish the right to be considered worth while for culture under dry land methods of farming.

"Why 2000 varieties of wheat on a

ranch, one is pardoned for asking. The answer is simple enough. Agriculture is not static. It is alive, expansive, growing, changing, constantly. The Moro station is one of a series of such farms maintained in Oregon for the purpose of determining at small expense under scientific observation what varieties of wheat and what methods of culture are best adapted to be grown with minimum risk and maximum chances of profit for the farmer. The experiment station occupies the same relative position in the field of agriculture that the big and commercial organizations bear to ward different business with this possible difference—agriculture probably has relatively less spent on it in research than any other business of similar importance.

"Government figures show that in 1919 in the 18 counties in Oregon east of the Cascades 1,250,000 acres were devoted to the production of wheat as a cereal crop. One need go no further to understand the importance to Eastern Oregon of the success which farmers attain, or fail to attain in the production of this crop. Farmers are like individuals in other lines of endeavor in that they constantly feel the need of some changes. Many of the questions in production matters which they wonder about can be handled with a great saving and with results of unquestionably greater exactitude by an experiment station. To check on his present methods of culture and on his varieties of wheat and to improve on the varieties for future use is the big job and the responsibility the experiment stations have.

The work of the station has been done along four general lines: (1) varietal testing experiments, (2) improvement of field crops, (3) experiments to determine the most profitable crop rotation systems for the dry uplands of Eastern Oregon; and (4) tillage experiments to find out the best methods of soil cultivation for production of wheat under the summer-fallow system.

"One of the most important ambitions scientists have in the realm of plant breeding is to discover and propagate a variety of wheat which will resist smut and thus save the expense of treating seed to prevent the disease and eliminate the heavy discount which to Oregon farmers alone annually amounts to several hundred thousand dollars, probably millions.

"This is one of the chief problems being studied in the varietal tests and while nothing has been officially put out that I know of about the ultimate success of the effort, Mr. Stephens told the county agents of Eastern Oregon that the chances look good for finding a real smut resistant wheat.

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FIRE FIEND DESTROYS MONUMENT PROPERTY

A destructive fire originating from a defective flue in the old Murphy building, visited Monument yesterday afternoon destroying most of the business portion of the town and involving a loss estimated at from \$30,000 to \$50,000.

Nine buildings were destroyed including the Simas and Hamilton stores both carrying heavy stocks of merchandise. Roy V. Whitels, of this city, who handles most of the fire insurance in Monument reports that he has \$17,850 on the property reported destroyed.

The postoffice, hotel and livery stable are the only business buildings left.

Practically all the food supplies outside of private homes are gone. Only one family was left destitute and advices from there this morning were that supplies of food and clothing for that family will be approaching from the outside.

VISIT O. A. C. 1922 AFTER LAPSE OF 50 YEARS

W. T. Cochran, of this city, and George Sperry, of Heppner, step-brothers, returned yesterday afternoon from O. A. C. where they attended school 50 years ago. Mr. Sperry who has been visiting with Mr. Cochran for a few days, on his return from attending the I. O. O. F. convention, had not visited the school for many years, and was amazed at the wonderful development there.

They visited a niece, Mrs. J. W. Burkhardt, in Lebanon, yesterday. Mr. Sperry left this afternoon for Portland, enroute for his home.—Albany Democrat.

CHAUTAUQUA NUMBERS DRAW LARGE CROWDS

PROGRAMS THIS SEASON OF HIGH MERIT

Morris Imbues Pastor With Tongue of Fire. Private Peet's Peace Talk Makes Hit

The Ellison-White Chautauqua which opened here Saturday is giving general satisfaction to good audiences at every session. Miss Cowin, the attractive and competent superintendent, has a way of her own for meeting people whether as individuals or audiences and the impression she leaves is that she is here to do everything in her power to make the sessions successful.

At the opening session the Marriener-Steelman-Taylor trio made a hit with the audience in an artistic recital and in the evening A. Mother Hilburn pleased a crowded tent with his impersonations making up for the different characters in plain view of the audience.

Sunday afternoon Margaret Garrison, a talented reader entertained and in the evening Glenn L. Morris gave his wonderful electrical entertainment. Morris is a wizard for fair and is a favorite here. He went so far with his experiments Sunday evening as to imbue Rev. Livingstone with a real "tongue of fire" while the reverend gentleman was assisting the wizard on the stage. We have all heard of a certain bibulous gentleman in anti-Volstead days who could almost light a candle from the tip of his very red nose but in this case Mr. Morris actually succeeded in lighting an ordinary tallow candle from the tip of Rev. Livingstone's tongue. This is, in truth, a marvelous age. A radio concert was also attempted but was not much of a success because of too much "static." The amplifier needed a strainer.

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HEPPNER WINS FROM ARLINGTON 2-12 SCORE

HOT GAME AT GILLIAM CITY LAST SUNDAY

2-2 In Eighth Inning When, Zowie, Heppner Tears Loose Ten Tallies

On the hottest day of the summer, Heppner ball team got into the hottest game of the season at Arlington last Sunday when the local boys brought home the bacon to the tune of 12 to 2.

The game started off with one score to Arlington's credit at the end of the first. This tally stood the rest until the end of the 4th which indicates that both teams were playing some ball. Heppner then evened the score in the 5th and at the end of the 7th the score card showed 2-2. Then Zowie! When Heppner came to bat in the eighth things begin to happen. The spectacle was something like the big meteor that passed over the other night—big, bright, and glorious. Aiken singled, Van Marter doubled, Sperry doubled and Blake doubled as quick as you could count 'em and when the dust cleared away Heppner had added 10 fine big tallies to her score.

Heppner made two double plays during the game and Broughton, for Heppner struck out 16 men. Monague, for Arlington struck out 10.

The weather was hot enough for anybody to play ball and Van Marter says he had the best little, old, all-around team together Sunday that there is in eastern Oregon.

The team will go to Ukiah Saturday where they will play a three game series on July 2nd, 3rd and 4th and everybody is confident they will bring back a good amount of themselves.

HOWE-VAN AMBURG CIRCUS COMES IN GRAND ENTIRETY

When Howe's Great London Circus with Van Amburg's trained wild animal vans comes to Heppner on Saturday, July 1, there will be seen the same large three ring show that delighted Portland last week and exactly the same as will be presented at Tacoma and Seattle. Nothing will be omitted and it can safely be said that this is the largest and without doubt the best wild animal circus ever seen here. There will be two performances, 2:00 and 8:00 p. m. Grand street parade will be on the streets at 11 a. m.

HEPPNER PRINCIPAL HONORED AT EUGENE

UNIVERSITY OF OREGON, Eugene, June 24.—Sixty principals and superintendents of Oregon schools re-organized the old Principals' club at a meeting held on the university campus Friday evening and elected officers for the summer session, in which most of them are enrolled as students. Officers were elected as follows: President, E. H. Hedrick, superintendent of the Heppner schools; vice-president, M. S. Hamo, superintendent at Roseburg; secretary, George Turnbull, University of Oregon, school of journalism.

EACH MAN'S RIGHTS LIMITED

Every man must work out his own salvation, but in doing so must recognize that millions of other men are doing the same thing and have rights as good as he. Therefore, what he does must not unnecessarily interfere with what they are doing.

Boxing Contest!

Parkers Mill July 5th

Jake Dexter VS. Charlie Fitzmaurice
230 lbs. VS. 200 lbs.

10 - Rounds - 10

Ringside \$1.65 General \$1.10

CLOSED

The undersigned Garages and Accessory Stores WILL NOT BE OPEN.

Tuesday, July 4

Get your Gasoline, Tires and Supplies on Monday, July 3

LATOURELL AUTO CO. MARTIN REID
COHN AUTO CO. HEPPNER GARAGE
BROWNING & JOHNS C. V. HOPPER

200 Cockerels Wanted

We want to buy at once 200 heavy strain Cockerels (spring fryers) for caponizing purposes, weighing from 1 1/2 to 2 pounds. Will pay 50 cents each for such fowls delivered at our yards in Heppner.

We are also in the market for hens and other poultry at highest market prices.
CORNETT & MERRITT,
Heppner, Oregon.