

SENTINEL FARM and GARDEN

Lorane Grange Receives Members From Spencer Cr'k

By Mrs. R. G. Conner
LORANE—Mr. and Mrs. Jack Nelson were taken into the Lorane Grange as new members by demit from Spencer Creek Grange at the February 8 meeting.

Several reports were given by the agriculture committee members. Herbert Miller reported on farm wood lots, Leslie Ashley gave a report on the new chicken grit factory which is being built near Elmira and Horace Taylor was to attend the meeting in Cottage Grove on horticulture and weeds the following evening. Another meeting in the series will be held in Cottage Grove on February 23.

Mr. Taylor announced a meeting at Pioneer Park (formerly Lane County Fair grounds) on February 14 dealing with livestock, when several speakers from Oregon State College will be present.

Eldon Thompson of the legislative committee gave a report on legislation before the state legis-

lature at present.

Mrs. Lincoln Diess, HEC chairman, announced a Chinese auction to be held at the next grange meeting February 22 and everyone is reminded to bring his package.

Serving committee for that meeting will consist of Bob Philson, Mr. and Mrs. Insley Seales and Mr. and Mrs. Horace Taylor.

Arthur Kragerbrink, grange insurance representative, gave a report explaining and comparing car insurance premiums.

Mrs. Oren Jacobson was in charge of the program which used the Valentine theme. The group sang a group of love songs before Mrs. Stanley Purdy gave the origin of Valentine's day.

Doretta Castro gave a Valentine reading and each officer read a Valentine referring to his office.

Elmira grange will be guest of Lorane grange on Tuesday, May 10. The first play practice was announced for February 10. The play selected is "Nora's Cape" with Mrs. Dennis Mitchell taking the part of Nora. Other members of the cast are Dennis Mitchell, Mr. and Mrs. Eldon Thompson and Mrs. John Sayles.

Wire Staplers—The Sentinel

Mosquitoes Prove Valuable Helpers In OSC Research

OREGON STATE COLLEGE—

Ever think that mosquitoes, possibly the world's most universally hated insect, could be used to benefit mankind? Probably not. But scientists at Oregon State college have found that mosquitoes are the key to a project designed to protect people.

The project, supported the past three years by Shell Chemical company, is a testing program of various insecticides used to kill insects in the soil. Program objectives are to determine how much toxic, or poisonous residue, is still in the soil after the chemicals have done their work, and whether this will result in harmful or undesirable taste of crops planted in that soil. Such testing programs have been necessary for some 30 years under the federal food and drug act.

Where do mosquitoes come in? Because they are easily killed by modern insecticides, they are used to play an important role in detecting the amount of toxicity that has been transferred from the chemically-treated soil to vegetables or fruit grown in it.

The technique is this: Ten 5-day old mosquito larvae are put in a vial, 2-inches tall and about the size of a half-dollar, along with a portion of the vegetable or fruit being analyzed for toxicity. The larvae are fed on this for 24 hours. The number dead are then counted and compared with a standard—the amount of DDT necessary to kill the insect. The same process is repeated with increasing amounts of the material being tested.

Dr. L. C. Terriere, OSC agricultural chemist, who is heading up this phase of the testing program—food technology department handles the taste testing—says the information obtained can be interpreted to determine how much and what kinds of insecticides can be used to treat the soil without resulting in harmful effects or undesirable taste of crops.

Altho there always seems to be too many of the pesky insects around during the summer and fall, the scientists found that to be certain of a supply year around—10,000 are used each week—they had to grow their own.

Hebron Grange Newsey Notes

By Mrs. Gale Roby

HEBRON GRANGE—A potluck supper at 6:30 p.m. will be held at Hebron Grange February 19, followed by a brief business meeting, and two hours of square dancing, promised by Roy Geer.

The HEC year book committee met last week for an all day meeting and potluck noon meal at the home of HEC chairman, Mrs. Fred Harris. Committee members led by Della McReynolds also included, Lucille Miller, Mary Yearous, Wilma Stewart and Eva Montgomery. Others attending were Nora Yearous, Evelyn Roby and a visitor, Evelyn Groat and baby Diane.

Six members from Hebron attended a meeting at the fair grounds in Eugene February 7 in the interest of fair booths at Lane County Fair. Those attending from Hebron were Mrs. Fred Harris, Mrs. Roy Geer, Mr. and Mrs. Jack Godard and Mr. and Mrs. Clare Chapman.

Discussed by Hebron Grange Youth at their February 12 meeting held at the grange hall, were youth essays, rodent control and suggestions for folding doors to the kitchen. After the meeting six youth visitors from Curtin's North Douglas Grange participated in ping-pong and square dancing. Visitors included, Robert and Johnny Gardiner, Ronald Redford, Bruce Boss, LaVona Morgan, Dorothy Meacham and Mrs. Ruby Meacham. Cake and jello was served for refreshments by Thelma Harris. Next youth meeting is March 12. Bill Aspin and Dennis Chapman will serve cookies.

Field Trips, Projects To Be Discussed 23rd By Pine Cone 4-H Club

The Pine Cone 4-H club will meet at the home of Gilbert Gardner, leader, on February 23, at 7:30. The discussion will be on the field trips taken and projects carried.

The second meeting of the newly organized club was held February 9. The officers present were: President, Bill Randall; vice president, Joe McClarnan; secretary, Darlene Adams; treasurer, Paul Randall, and news reporter, Bridget Woods. Guest for the evening was Jack Gurton who talked on 4-H Forestry.

London Grange Meets February 18

By Mrs. Gale Roby

LONDON GRANGE—An open meeting at London Grange hall will start at 7:30 p.m. February 18, when visitors from the community are invited to hear Philip Higdon who will give a talk on the administrative and business of running a school district. Mr. Higdon has been principal of London school for six years. The regular closed meeting of London Grange will follow. Members are to bring sandwiches for refreshments. Serving committee is Mrs. Wayne Berggren and Mrs. Orville Hodges.

Seventy-five dollars was cleared at the London Grange Valentine box social, February 11, money to go into the grange hall building fund. A prize of \$5 for the prettiest decorated box was won by Mrs. Berggren. Six "pretty" girls were nominated in the prettiest girl contest with votes a penny each. Bobbie Jean Manning was the winner of the cake.

A short program prior to the auction included a reading by Mrs. Berggren, "This Old House", a song by Jolene and Karen Roby; A skit, by Judy Hayes and Margaret Olds; accordion music by Darlene Schmitt of Divide; steel guitar music by Monte Kuskie of Latham school; a women's balloon race won by Mrs. Gene Cox; and a boys cotton race won by Chuckie Olds. O. E. Craig was auctioneer, assisted by P. M. Campbell. Mrs. James Hayes was game director. Mr. and Mrs. D. R. Schmitt were visitors from out of the community.

The play cast for London grange play festival play, "Teeth of the Gift Horse" has been announced by director P. M. Campbell to include: Eunice Hayes, Ruth Craig, Esther Waller, Pansy Martin, Archie Powell, Don Martin, Mr. and Mrs. Campbell and Mrs. Pansy Martin attended grange at Goshen February 12, to arrange for the London play first presentation, March 11, with Franklin at Goshen. London's home presentation, with Four Oaks and Hebron at London, is dated for March 16, instead of February 16 as misprinted last week.

The London grange HEC called a halt to the "dish" fund contest in order to concentrate on play festival. The contest was decided at the February 10 HEC meeting in Cottage Grove at the home of Mrs. Gladys Berg. The \$63 already earned will be used to purchase part of the dishes necessary for play refreshment sale. "Dish" contest will resume April 1.

A "bouquet" for London Grange appeared in the February 1955 issue of National Grange Monthly.

New Type Credit For Farmers Ready

Public Law 597, 83rd Congress, makes available to farmers a new type of credit for financing soil conservation measures and extends the water facility loan program to the entire nation. The law, according to County Supervisor William E. Walsh, makes it possible for the first time for the government to insure soil conservation and water facility loans advanced by private lenders.

This program serves operators of family type farms who are unable to obtain credit needed to carry on successful farming operations from local banks, Production Credit Associations, or other sources.

A farmer is eligible for soil and water conservation loans when he has sufficient experience or training to indicate he has reasonable prospects of conducting successful farming operations, be a citizen of the United States, and a farm owner or operator.

Loans can be used to pay cash costs of materials, equipment, and services related to the application or establishment of soil and water conservation practices, water facilities, and drainage.

Loans will be scheduled for repayment within the shortest time consistent with the borrower's ability to pay. No loan will be scheduled over a period exceeding the useful life of the improvement or of the security, whichever is less.

Interest—Loans on insured loans the interest rate will be 3½% per year on the unpaid principal. In addition, each insured loan borrower will pay each year in advance an annual insurance charge of 1% on the unpaid principal.

The Farmers' Home Administration is responsible for processing and insuring these loans, and loans are also made for farm and home operating expenses and the purchase and development of family type farms.

County Supervisor Walsh states further information on these loans can be obtained by calling at the office located in Room 210, New Post Office Building, Eugene, Monday thru Friday, 8 a.m. to 5 p.m.

Merry Mixers 4-H Club Demonstrates for TPA

Mrs. Walter N. Downes
The "Merry Mixers" 4-H club cooking class gave a demonstration for the Mount View T. P. A. meeting on February 8.

Linda Schilling and Mary Carlisle demonstrated date nut bars, and Jeannette Carlisle, the making of a cardiac stick salad. Ann Chapman narrated the methods to the audience.

Helen Carlisle made the posters of what was demonstrated for the girls.

After the T. P. A. meeting members of the club served the refreshments. The girls decorated the tables with red hearts and cupid.

Lane County 4-H Fair Dates Set August 17, 18, 19

Lane County 4-H Leaders Association and the Lane County Fair Association announce plans for the 1955 Lane County 4-H club fair. This will be an early 4-H Club Fair, held in August, ahead of the Lane County Fair. The 4-H event will be August 17, 18 and 19, with entries due on Tuesday, August 16.

The show will be held at the Lane County Fairgrounds and will be open to the public. According to the 4-H Club Office, in Eugene, this early fair has been arranged because it allows 4-H Club members to exhibit their projects before school begins in September. It also allows 4-Hers to exhibit at the State Fair in Salem, after the Lane County show. Another reason for an early 4-H Fair is that present buildings on the Lane County Fairgrounds are not adequate to house both open class and 4-H all at one time.

The separate Lane County 4-H Fair makes it possible to place emphasis on the event becoming a "4-H Members Show" rather than one run by adults. More details of the 4-H event will be released at a later date.

32 Reactors Found In Lane Co. Cattle

Last year 14 reactors were found in the 14,566 cattle tested for tuberculosis in 1953 Lane county herds. This compares with seven reactors in 15,132 cattle tested in 1952. Lane county is one of 10 in Oregon in which reactors were found on the 1954 federal-state T. B. testing program.

But this county is among the 32 in Oregon now carrying a modified and accredited rating for the low incidence of bovine tuberculosis. This three-year accreditation is good until February 1, 1957.

On a statewide basis, 80 reactors (0.038 per cent) were found in the 208,732 cattle tested in 21,082 herds. While this is not a large percentage, it nevertheless shows why Oregon continues the tuberculosis testing program under cooperative agreement with the federal government.

This information comes from M. E. Knickerbocker, chief of the division of animal industry of the state department of agriculture at Salem. It is based on a state and county summary released jointly by him and Dr. A. G. Beale, Portland, who is in charge of the federal veterinarians working in Oregon.

Landers says that while attendance is usually made up primarily of 4-H club and FFA members, other youth and adults are welcome. Because each school can only handle 16 people, however, acceptance will be on a first come, first served basis.

Applications are available from county extension offices and from Landers. They should be sent to Landers. In addition to shearing instruction, care of equipment and sharpening of knives and combs will be discussed.

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The Sentinel

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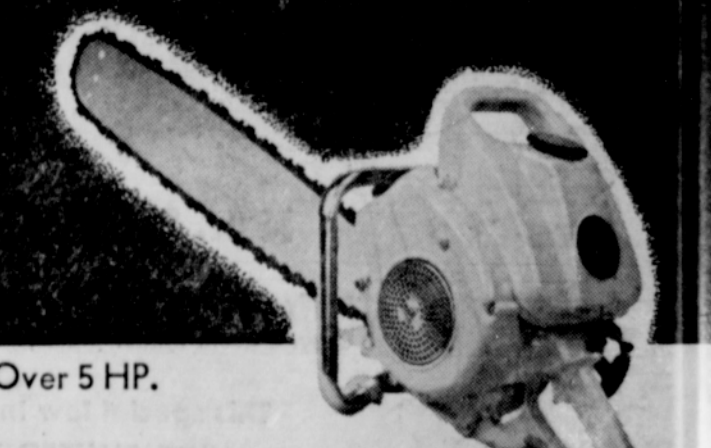
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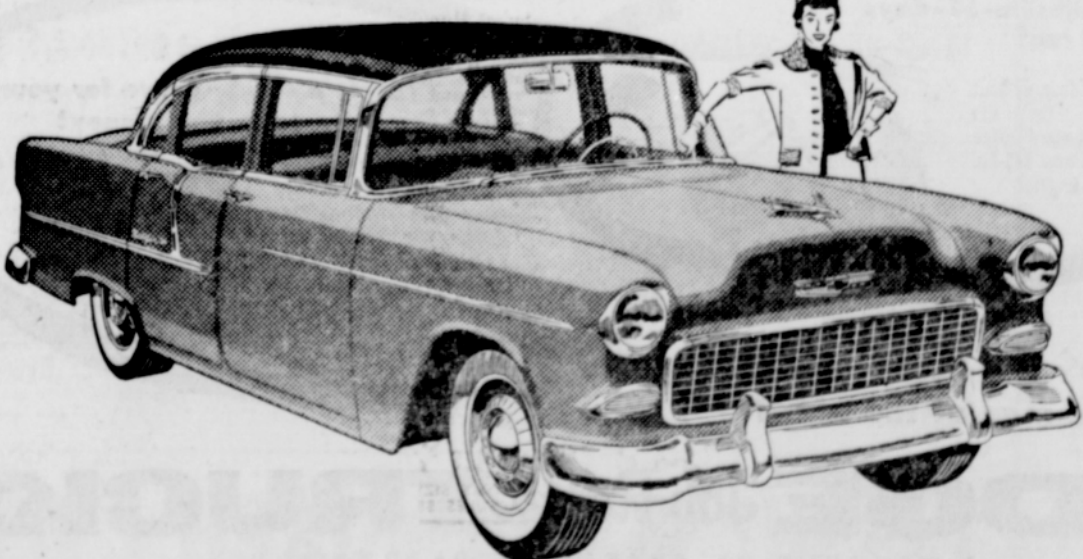
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