

LEXINGTON NEWS

State Builds New Shed at Lexington

By MARGARET SCOTT

Mr. and Mrs. James Pointer of Selah, Wash., visited friends and relatives here this week.

Sunday school will again be held Sunday, August 24, in the Christian church at 10 o'clock a. m.

Mr. and Mrs. Dale Yokum of Kinzua were guests at the Jim Wren home Sunday.

Mr. and Mrs. Earl Taylor of Portland spent the week end at the A. M. Edwards home, coming up for Rodeo.

Mrs. Ralph Scott spent the week end at home from The Dalles.

A. M. Edwards returned to his work in Monument Monday.

Mr. and Mrs. Carl Whillock and daughters attended a family reunion in Spray Sunday.

Mr. and Mrs. Conrad Bissinger of Pendleton spent the week end here.

Mr. and Mrs. John F. McMillan and children are vacationing in Portland.

Larry Ray, son of mayor and Mrs. Henderson, was painfully injured when he received a cut on the forehead from a bottle which was accidentally thrown at the Ted McMillan home this week when he was playing with some other children.

Mary Buchanan returned home Monday after working all summer at the Rietmann ranch.

Mr. and Mrs. S. G. McMillan are vacationing at Portland and coast points.

A grass fire was reported at the Lawrence Palmer farm Sunday.

A new building for the state trucks and equipment is being erected across the street from the Laura Scott home.

Mr. and Mrs. Jack Van Winkle are now at home to their friends in the Case apartments in Heppner.

ACPA Urges News for South America

Oregon State College—A plan for increasing understanding and good feeling between North and South American countries by providing for the interchange of educational news has been proposed by the American College Publicity association at its recent annual convention in California attended by representatives of Oregon State college. The proposal is that the national defense council have its education committee set up an office which would receive suitable college news and pictures of interest to South and Central American countries.

The office would select the best from these offerings, translate them into Spanish or Portuguese, and put the news, together with pictures, in forms suitable for use by the Latin American press. The convention pointed out that, with the increasing numbers of South and Central American students attending colleges and universities in the United States, interest in educational affairs here would be correspondingly increased, and hence the distribution of such news and pictures would tend to promote hemisphere solidarity and good will.

Return All Wastes to Soil Aids Fertility

"Don't burn anything that can be converted into humus," is a basic rule for maintaining the fertility of Oregon soils, according to Dr. R. E. Stephenson, soil scientist at the O. S. C. experiment station, in a new station circular No. 143, entitled "Humus for Oregon Soils."

Humus or organic matter is what keeps soils physically fit. Any waste products of the farm, or city lot for that matter, such as straw, weeds, stalks, stubble, vines, canes, or leaves, all are valuable sources of humus and, when returned to the soil, help to prevent its becoming hard and baked. Where such materials are deficient in nitrogen their value is increased and their decomposition hastened by the addition of nitrogen fertilizer.

Estimates are that one year of legume sod will restore about as much humus as is lost with one year of cultivated row crops. The upper three feet of good soil may contain more than 200 tons per acre of organic matter, accumulated through thousands of years, which is lost under cultivation at the rate of about 750 pounds per acre per year.

EXPORT CROPS IN OREGON SHARPLY REDUCED LATELY

(Editor's Note: This is the fifth of a series of articles prepared by the extension service at Oregon State college on the report and recommendations of the Oregon land use planning committee on how Oregon's agricultural program may best be adjusted to meet the impacts of war and national defense.)

Oregon's agriculture has suffered severe losses through the gradual but almost total elimination of export outlets for some of the principal crops of this state, even though growers have gone far in reducing the acreage of export-type crops, the Oregon state land use planning committee points out in its summary of present conditions and recommendations for the immediate future.

Wheat, prunes, apples, and pears are the principal export crops of this state. During the past decade wheat acreage has been reduced approximately 24 per cent, prunes 26 per cent, apples 55 per cent, and pears 10 per cent. This means that Oregon's export crop, which formerly accounted for approximately 30 per cent of the total farm acreage, now occupy only approximately 20 per cent.

There remain approximately 800,000 acres of wheat, 41,400 acres of prunes, 14,100 acres of apples, and 19,000 acres of pears. Under normal conditions, approximately one-third of the production of this total acreage would go to foreign markets, with two-thirds used in the United States.

The state committee considered each one of these crops as to the

Propose New Plan for Judging Dairy Cattle

A method for judging dairy cattle by classification and production rather than by a hard and fast process of scoring is described and commented upon by H. P. Ewalt and Roger W. Morse of Oregon State college, in a new extension circular No. 374. The authors believe that the classification system has merit, particularly in 4-H club, FFA, special breed shows, and county fairs.

Under the classification system it is also possible to require that all animals of three years old or more have certain minimum production records which will give this practical phase due recognition in the placings. The circular may be obtained free from any county extension office.

problems involved and possible action to be taken. Much of the Columbia basin is ideally suited to continue wheat production and unsuited to diversified crops, the committee points out. A number of its recommendations for 1942 concerning wheat have already been put into effect by the AAA, including close correlation of acreage reduction with soil conservation, increase in loan values to nearer parity, and reduction of acreage allotment for 1942 to the minimum provided by law. Numerous other recommendations were made looking to the future.

Further reduction in apple acreage through the elimination of varieties not now in demand is recommended, while change in pear acreage might be limited to removal of diseased trees. Immediate and drastic improvement in prune quality is necessary to save the prune industry, the committee reported.

Study Reported On Grit Use by Chickens

Use of grit in the production of broilers under battery conditions is desirable, but the use of a kind which does not upset the ration is best, according to the results of an experiment conducted by the department of poultry husbandry at Oregon State college. A report on the findings has just been issued as station circular No. 139 by W. T. Cooney, research assistant.

Evidently chickens have the ability to detect an unbalanced ration as far as minerals are concerned at least, hence when the ration itself contains adequate calcium the chickens will consume relatively small amounts of calcium grits. Where the grit supply consisted of such insoluble materials as granite, silicate, and river gravel, the broilers used it more freely.

Although there was little evidence that grit materially increased the efficiency of food utilization by the battery broilers, the groups deprived of grit did not rate as high at killing time as those which were fed grit along with mash and grain. Those receiving no grit rated down to 80 per cent No. 1's as compared to 90 per cent or more No. 1's for

Irrigation Pipe Lines Design Explained

Since western Oregon leads the country in the application of sprinkler irrigation to general farming, a great deal of interest has developed in the proper design of small irrigation pipe lines to get the maximum results at minimum cost for materials and power. M. R. Lewis, irrigation engineer at the experiment station, is the author of a brief circular which contains tables and charts to be used as a convenient guide in determining most efficient and economical sizes of irrigation pipe lines.

Figuring such a problem is ordinarily a complicated mathematical process, but with the aid of the tables and charts prepared by Mr. Lewis, the facts may be determined without special mathematical ability. The pamphlet is station circular No. 142, "Design of Small Irrigation Pipe Lines."

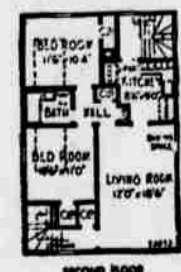
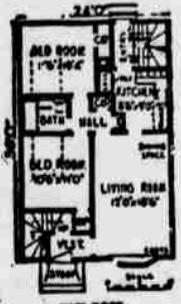
the groups receiving grits. Two lots fed a gypsum type grit were graded down considerably as compared with those receiving the siliceous and calcium type grits.

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