

## From The County Agent's Office

By N. C. Anderson

A question often asked by farmers—is the longtime effect of commercial fertilizer harmful to soil—was answered in a news article last week by County Agent E. M. Nelson of Wasco County. He quotes from an old English experiment:

"Wheat growing on Broadbalk Field, Rothamsted Experiment Station in Hertfordshire, England—the one hundred and eighth crop since 1843, when Lawes and Gilbert began their experiment

there. These classical experiments they carried on in partnership for 57 years and placed the foundations of our scientific knowledge of fertilizing crops. The unmanured, unfertilized plot on Broadbalk continues to give an average yield of about 12 bushels per acre, though wheat has been grown on it for over a century.

"The plot that is treated annually with 14 tons of barnyard manure yields about three times as much, but so does the plot given a fairly heavy dressing of complete fertilizer and no organic manure since 1839. Produce from the fertilized plots is in no way inferior to that from the manured plots, nor has the long-continued use of fertilizer injured the soil which still maintains its normal population of earthworms and microorganisms. And crops grown there are no more susceptible to disease than those on plots treated with organic manures."

All indications are that there will be further reductions in the availability of steel for the manufacture of farm machinery. The curtailment of allocations of steel, aluminum and copper have already had their impact on manufacturing.

The foresighted farmer will see that necessary repair parts are ordered early.

If you have grain in storage, check it occasionally for the presence of insect pests. This suggestion comes from H. E. Morrison, Carl Tanner and Vincent Roth, entomologists at the experiment station who are conducting a study of stored grain insect pests. In grain samples from various parts of the state they have found 20 different species of insects which are listed as grain feeders.

The work of these entomologists also sheds some light on the often asked question: Where do the insect infestations originate? Samples from truckloads of wheat from the field and samples of fresh chaff and straw from combines were taken and incubated. No insects were found. Grain fields were swept with insect nets and again no insects were found. The studies to date indicate there is no evidence that insects come directly from the field. Indications are that grain spilled outside elevators and mills is an important source of infestation.

Keeping grain clean and dry is a sure way to reduce the possibility of serious infestation. Weevils do not develop in grain with a moisture content of 9 percent or less. Bran bugs may develop with low moisture content if temperatures are high and if dust and

cracked kernels are present. Moist grain heats so it is a wise precaution to check occasionally for leaks which permit rain or snow to get on it.

If insects are found, fumigate. There are several good fumigants available from local dealers. The manufacturers' recommendations regarding dosages and precautions should be followed closely. Fumigants are dangerous if improperly used. Wait for a warm day to do the job. Fumigants work better at higher temperatures.

(Too late for last week)

First 4-H Saddle horse project to be organized in Morrow County was organized last week at Ione. Led by Mrs. Martin Baurenfiend, Morgan, the club is sure to be a success. Janet Howton was selected as junior assistant leader.

Officers of the club are president, Shirley McCabe; vice president, Sue Coleman; secretary, Grace McCabe; news reporter, Janet Howton. Other members are Kay Arthurs, Annabelle Coleman and Mary Emert.

Club members will learn the proper feeding, care and management of the saddle horse, as well as caring for saddle, bridle, halter and blanket as part of the project requirements.

The club will be known as the Ione Trail Trotters.

Last week's news article on farm record keeping was read by a few farmers, we know. On Monday, record books were sold to Ralph Benge, Heppner, Alvin Barlow, Ione and Cecil Thorne, Morgan. These farmers believe that farm record keeping is a must.

Boys and girls between the ages of 9 and 21 who have not yet joined a 4-H Club, can still do so this fall. Any project desired can be carried.

Many times we hear comments to the effect that younger boys in towns need something to keep

them occupied. 4-H club work has much to offer these boys who cannot keep livestock, poultry or rabbits in town. Two such projects are 4-H woodworking and electrical. The woodworking project teaches boys how to select care for, and use common carpenter's tools, equipment, how to use hand tools skillfully, how to make useful articles of wood, how to follow instructions and appreciate good workmanship.

The electrical club is one to help boys and girls understand what electricity is and how it works, how to use electricity safely and how to splice and tape electric wires, repair or assemble electric cords, become acquainted with electric terms and other useful information.

Further information on these or other 4-H Club work can be secured from this office.

## Lexington Team Loses To Cove

By Delpha Jones

The Lexington Jackrabbits motored to Cove, Saturday to play basketball. They were defeated with a score of 25-28. After the game the boys stayed in the homes of people there. The high school teenagers of that town gave a dance later in the evening in honor of the Lexington team.

The boys staying in Cove that night were: Larry Graves, Bill and Bob Steagall, Asa Way and Franklin Myles. Eugene Sawyer, Max Breeding and Earl Miller stayed in LaGrande with Earl's parents, Mr. and Mrs. W. I. Miller. Mr. and Mrs. Carl Scheest also

visited in Cove.

Mrs. John Ledbetter, Mrs. Randy Lott and Mrs. Jim Bloodsworth were hostesses at the Bill Van Winkle Sr. home one night last week for a pink and blue shower honoring Mrs. Dean Hunt. A large crowd was in attendance. Games were played and lovely refreshments were served later in the evening.

Joe Clark who has been working in Heppner has rented the O. G. Breeding apartment and is making his home there.

Mr. and Mrs. Jim Bloodsworth and J. F. McMillan were Pendle-

ton visitors Tuesday.

P. T. A. will be held next Monday night in the school auditorium. The day was changed due to the O. E. A. dinner which will be held in Lexington on Tuesday of this week.

Mr. and Mrs. C. C. Jones were LaGrande visitors over the week end. Mr. Jones went to consult a physician.

Mr. and Mrs. H. F. Wallace are attending to business in Ephrata this week.

Mrs. Ina Nickols was a Walla Walla visitor one day last week. Continued on Page 3

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Most folks who are wise to do the same thing. If the roof leaks, they fix it. They also lay in their winter fuel. The rancher harvests his crops and makes all necessary preparations to take care of his family and stock through the winter months. All wise people do these things.

## Now What Do You Do?

The Pioneer Service Company is offering a suggestion. Don't overlook your credit rating with your local merchant, doctor and hospital. When you are making your other preparations for winter be sure that you don't overlook your credit, as it is your greatest asset when winter comes. Don't let yourself be oversold on installment buying.

When you receive one of our Pioneer Service County Credit Board statement's bearing our Registered Trade marks, try to pay, or pay part, or satisfactorily arrange to pay at once on your past due accounts, so that you can get credit that you may be forced to ask for. Pioneer Service information is valuable.

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