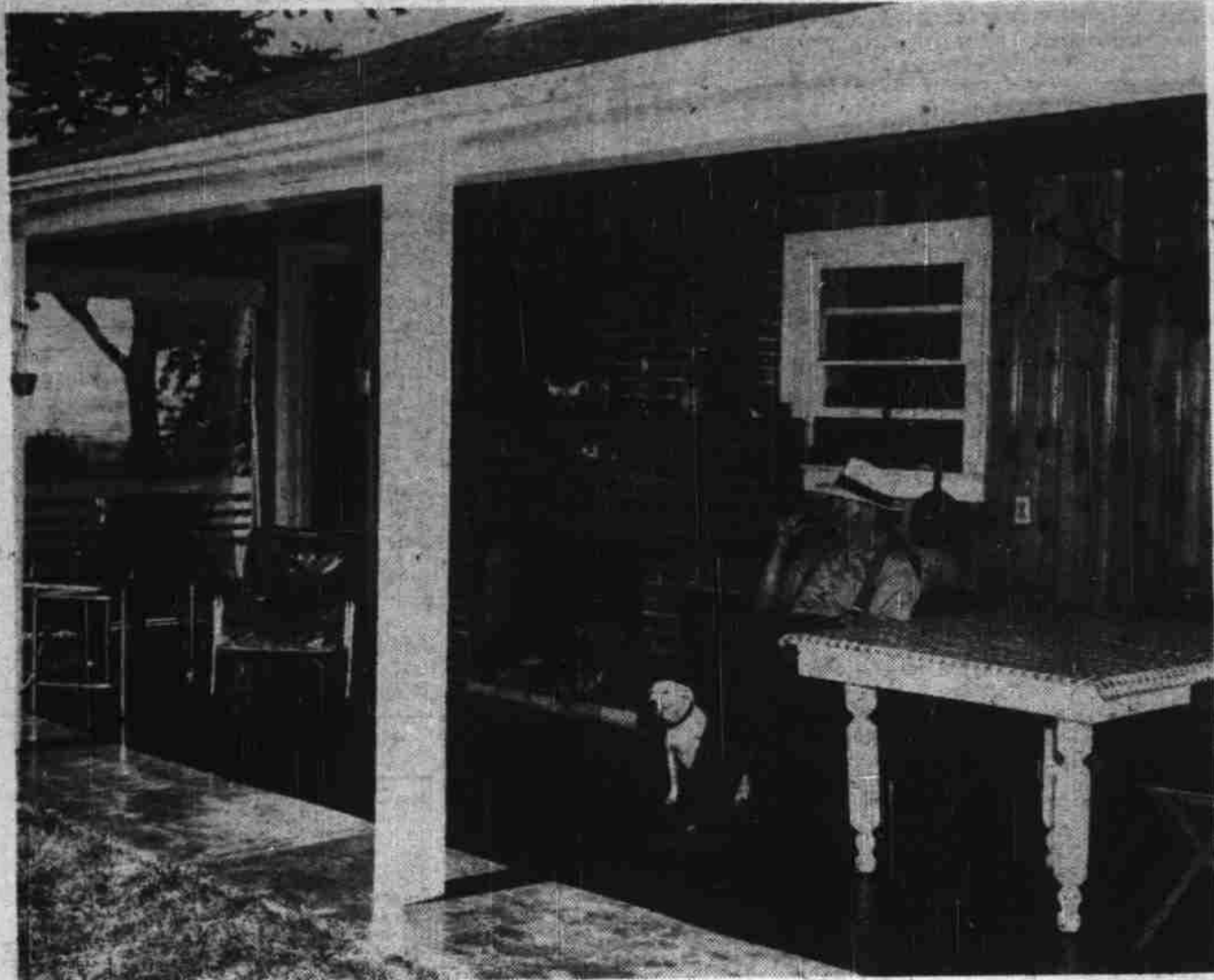


WILLAMETTE VALLEY FARMER

News and Views of Farm and Garden —By LILLIE L. MADSEN



Floyd Fox, one of Oregon's most widely known purebred sheep raisers, is shown here taking a bit of a siesta following a round of work in preparing for the annual picnic of the Oregon Purebred Sheep-breeders association to be held at the Fox Waldo Hills Ranch, July 23. Even in Oregon, Fox says (and he has lived here since he was two years old) there are several months that can be enjoyed in an outdoor living room such as this, particularly if it has a cover. (Farm photo for The Statesman.)

4-H Members To Participate In Crop Tour

Linn county 4-H club members wishing to apply to 4-H club summer camp have only till noon Saturday, July 15 to make application according to H. Joe Myers, Linn county extension agent, 4-H Club members making application should supply the following information: name, address, age, parent's name, years in club work and previous 4-H camp attended if any. Cost of camp will be seven dollars of which a one dollar registration fee should be submitted at time of application.

Flea Beetles In Mint Fields

Mint growers are advised that adult flea beetles have begun to emerge in mint fields. The first were reported found on July 5, says Robert W. Every, entomology specialist at Oregon State college. Control materials recommended by Every are to use either a 5 percent DDT dust or a 90 percent cyrolyte dust applied at the rate of 25 to 30 pounds per acre. Dust will be most effective if applied when there is very little air movement.

Holstein President Receives Honors

Hallrose King Hazel, registered Holstein-Friesian bull owned by S. B. Hall, Troutdale, has been honored as a "Silver Medal Type Sire" by The Holstein-Friesian Association of America. He is the 121st sire in the nation to receive this high award, based on his ability to transmit to his daughters highly desirable characteristics of body conformation according to the ideal Holstein-Friesian score card.

Hannchen Barley Will Now Have U.S. Grading

New federal grades for Hannchen barley used for brewing purposes will be discussed at a meeting scheduled for the court-house in Albany at 8:30 p.m. July 18, says O. E. Mikesell, county extension agent. Leading the discussions will be Don Hill, head of the Oregon State college farm crops department, and B. W. Whitlock of the U.S. grain division. This is the first year that U.S. grades have applied to Hannchen barley so Mikesell is inviting both dealers and growers to attend. The program is being offered as a result of the Oregon Seed League asking for a system of grading that will provide premiums for high quality malted barley.

Seed League Official Tells About Chili

If you've been looking for that country to visit where a dollar will still buy 100 cents worth of value and then some — try Chile. E. R. Jackman, secretary of the Oregon Seed League and extension farm crops specialist for the past 28 years, and his wife have recently returned from the South American country. Speaking of dollar values, he says what is known as a "poorman's beefsteak" comes served with a chit for 40 cents. The dish, the specialist relates, is a filet mignon measuring three inches through and four inches in diameter. It is served smothered with French fries and onions with two soft fried eggs on top.

Food Cheap
It is called a "poorman's beefsteak" because it is served on a single dinner plate. Chileans, accustomed to more ceremony at the table, expect to pay more when their restaurant meals come served with the customary five courses. Jackman said, however, that he ate a good many "less fancy" meals where the tab was 20 cents — five courses and all.

On four months sabbatical leave from his Oregon State college duties, Jackman and his wife visited a married daughter who with her husband is teaching in Santiago, the Chilean capital.

Most of the agricultural lands are in large holdings and date back to Spanish land grants similar to those in California, Jackman says. Farm machinery on the ranches — called fundos — is in short supply and the best of all work is the ox.

Nitrate Deposits Large
Wine grapes, rice, irrigated pasture and barley are the principal crops. And, the most widely used irrigated pasture mix is orchard grass and red clover. Near the equator where great nitrate deposits are located, the annual rainfall is absolutely nil, while in that portion of the country near Cape Horn, the annual rainfall is 300 inches.

Although only four and one-half million persons live there, Chile, if one end of it were stretched north from San Diego, would reach northern Alaska. Copper and nitrate are the two principal exports, said Jackman, and despite the fact some of the farm land has been farmed for 400 years little of the nitrate is used at home.

Fewer Roosters Kept on Poultry Farms Cut Costs

Poultry breeders can make a substantial saving in the cost of producing hatching eggs simply by using fewer males in their breeding flocks, according to results of an agricultural experiment station study by Dr. P. E. Parker, poultry husbandman in charge, and Dr. P. E. Bernier, associate poultry husbandman, Oregon State college. Investigations with New Hampshire birds indicate that only six to seven males are necessary per 100 hens to maintain consistent high fertility of eggs. Many poultrymen have been using up to 10 or 12 roosters per 100 hens without increasing fertility. In at least one instance Parker and Bernier obtained relatively high fertility using only one male per 100 hens.

By using fewer males, poultrymen can not only reduce costs, but also do a better job of selecting breeding stock and increase the number of progeny sired by males of superior breeding lines. Report of the findings was published in the May issue of Poultry Science magazine. Reprints are available on request from the OSC poultry department.

Hop Growers Advised Right Time to Spray

Hop growers are advised that now is the time to apply aphid control measures as aphid migration now seems complete. Nicotine is the recommended insecticide. Dusts may be either a 10 percent nicotine sulphate dust containing 4 percent actual nicotine, or a 3 or 4 percent nicotine alkali dust applied at the rate of 40 to 45 pounds per acre. If a spray is desired use one pint of 40 percent nicotine sulphate to 100 gallons of water. This spray is applied at the rate of from 150 to 400 gallons of water per acre depending upon the growth of vines.

"Oregon Soils Need Great Lime Amounts" Says Soil Conservation Expert!

Following is Copy of News Item in the OREGON STATESMAN July 6, 1950

Nearly a million acres of western Oregon crop and pasture land needs lime and lots of it.

That statement is from the Oregon State college extension soil conservation specialist, who says the annual loss of lime throughout the area in question, 940,000 acres, exceeds 180,000 tons. Loss accumulates from leaching by heavy rains and that used by growing crops.

On the other hand, the tonnage of agricultural lime applied as a fertilizer material has approached 80,000 tons annually the past two or three years — far short of the drain.

Lime Loss Large
To build up a desirable lime content in western Oregon soils

immediately would require the use of 1,800,000 tons. Then, with annual applications totalling current losses — 180,000 tons, and twice what is being applied now — the need for this important plant food element would be realized, it was stated.

Lime is an essential plant food material on many western Oregon soils because it corrects soil acidity, making it possible to grow legumes and other soil building crops. Use of lime also makes it possible to obtain better results from the use of other fertilizers, particularly phosphorus carriers.

Big Crops Take Lime
Increasingly heavy use of nitrogen fertilizers, the specialist points out, also increases the need for lime. Greater yields re-



It's this time of the year in the Willamette valley. The late hay crop is getting in and all of Oregon's hay isn't put into bales in chopped green form or even in bales. There is still a lot of loose hay used, particularly on the smaller sheep and few-cow dairy farms. And there is nothing much more attractive on an Oregon landscape than a neatly sheared hayfield, a youth and his dog just as the shadows begin to lengthen at the close of a farm day. (Farm photo for The Statesman)

Tractor Care Gets Interest Of 4-H Clubs

A good many Oregon farm tractors are receiving more than the customary attention this year.

Oregon's newest 4-H club project, tractor maintenance, has attracted more than 200 youngsters who are enrolled in 25 clubs located in 18 counties, reports L. J. Allen, state 4-H club leader. The project, new this year in five western states including Oregon, is under the sponsorship of the general Petroleum corporation of Los Angeles.

Many Clubs Formed
Union county leads the state with four clubs having a total enrollment of 29 club members. Marion and Polk counties have a good club.

The project includes tractor maintenance rather than repair and has the intention of acquainting 4-H club members with practices in maintaining and operating tractors skillfully and safely. Before the close of the club year this fall, several counties plan contests in maintenance and handling. There will be one at Salem today (July 13) at 1:30 p.m. at Baldwin Mount Case Company.

To the state's most outstanding 1950 tractor maintenance club members, the General Petroleum corporation will award an all-expense trip to 4-H Club Congress in Chicago. Announcement of the award will be made in October when winners of all state contests are named, Allen states.

Prizes Offered
On a county basis, tractor maintenance project club members will also be rated at the close of the club year. Those club members rating in the blue or top group will each receive a sterling silver medal.

At 4-H Club Congress in Chicago, eight state tractor maintenance winners will receive college scholarships valued at \$300 each. The project is nationwide.

In five western states, the General Petroleum corporation provides funds for leader training, awards, and instructional kits which are issued through the state 4-H club offices.

Deadline Noon Saturday for Camp Register

Four-H livestock club members, both boys and girls, will have an opportunity to participate in a three-day camp and livestock tour August 7-8-9, H. Joe Myers, Linn county extension agent, 4-H, has announced.

This year's tour will center around Oregon State college. Plans call for tours of the college, barns, experiment station and college farms. Members from Lincoln, Lane, Benton, Douglas and Linn counties will be participating. Total cost of the tour will be approximately \$3.50 for the three days.

400 gallons of water per acre depending upon the growth of vines.

Now Is Time to Find Tansy Ragwort Weed

From now on is a good time to find Tansy ragwort as the weed is setting blooms which are readily identified. Many plants will be from 1½ to 3½ feet tall and have a reddish or purplish colored stem from the base to about half way to the tip. The blossoms resemble a daisy, are bright yellow in color and are from one-half to one inch in diameter.

It is now too late to effectively spray those plants that are blooming. Best control can be secured by pulling and burning the plants, but seed formation can be prevented by clipping and destroying the blossoms.

Roses and Crabs Need Extra Care During Summer

Blackspot and mildew must be guarded against in rosebuds at this time of the year. There will be fall rose shows and unless good care is given the bushes now, there will be few good blooms this fall.

Blackspot, certainly the more serious of the two diseases, causes the leaves to turn yellow and fall off. If it is not checked completely defoliation is likely to occur.

Both diseases may be controlled by spraying or dusting with one of the all purpose dusts or sprays sold under a variety of trade names. During the warm weather, spraying or dusting is most essential. This protection should be given early in the morning while the air is quiet and both upper and under surfaces of the leaves should be covered.

Blackspot also hits a number of the crabapple tree varieties and treatment for these should be the same as for the roses.

Ranch Ramblings

One cow producing 400 pounds of butterfat can be as profitable as 20 cows producing on the average less than 250 pounds, says Dairy-men's League News. Basing this statement on recent records made by 244 dairy herds in DEHA work, they point out that DEHA herds averaging over 400 pounds of butterfat showed an average profit per cow of \$140 over two times the feed cost, while cows that produced 250 pounds showed a profit of only \$7 per cow over two times the feed cost.

Sounds like some of the arithmetic problems they used to give us to fool us — but like those, this work out to the right answer, too.

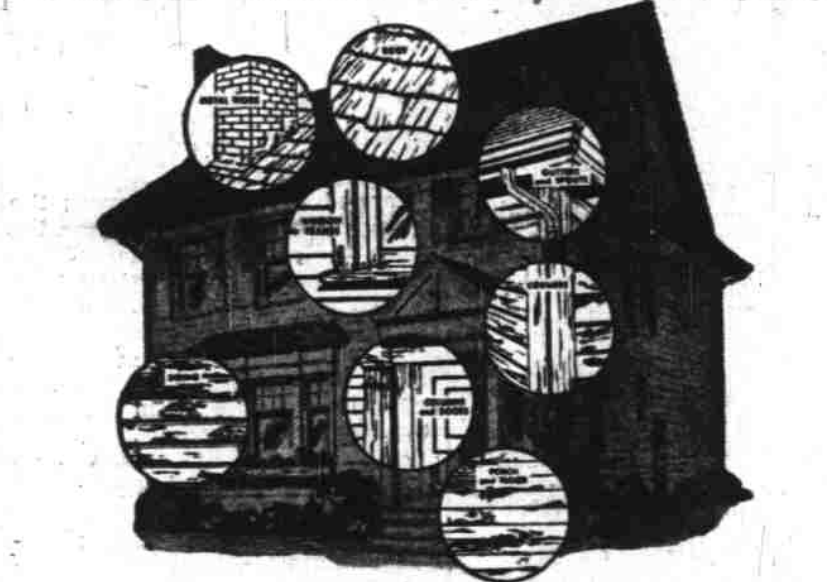
Farm Safety Week is scheduled for July 23 to 29. But that does not mean you should wait until then to do something about safety on the farm. One careless action may lead to injury or death.

The U.S. Department of Agriculture reports that milk is being produced on about 4.5 million farms. More than a half million

WHEALDONS TO MOVE
CLOVERDALE — Mr. and Mrs. Everett Whealdon and children, Charlotte, Jenny and Joe, have sold their farm here, and are to move by the end of the week. They will stay for awhile in the Ilahoe community before leaving for Canada where they plan to settle somewhere close to Keamaloops, B.C. The farm has been sold to the J. E. Jenk family, formerly of Tillamook, Ore. Jenk will teach in the Cloverdale upper grade room this coming year.

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