

FARM-FOREST-FACTS

By Ed Gilden
County Extension Agent

"Increased pulping of hardwoods has been the most important factor in raising the value of this low-quality material."

If that statement was only true for Douglas County!

It would be music to the ears of farm woodland owners.

But even the above quotation put out in the 1954 Annual Report of the Northeastern Forest Experiment station in Pennsylvania is the sort of music we get when we can't quite time the station in.

It's a step in the right direction.

PULPING HARDWOODS in Douglas County is sort of like the TV reception my neighbor isn't getting. He knows reception is good in some areas, he has the raw material (logs and stumps)—but the snow keeps the picture from being too clear. He knows that eventually we will have a station right here in this area.

So it goes with pulping hardwoods. They are using them in the east and some in the northwest—Douglas County has the raw material (more hardwoods than any other county in the state)—but lack of local manufacturing plants stops the marketing of these hardwoods. Eventually, markets will be available in this area.

One of the biggest problem in using hardwoods for pulp is removing the bark.

This problem has been "whipped."

SODIUM ARSENITE is the answer. This chemical has been used to loosen the bark by killing trees quickly during the peeling season. A full cut is made with an ax in the selected trees and a solution of arsenite is poured into it.

Three to six months after treatment eastern hardwoods peel very easily. In a year following treatment, large sections of the bark in some species have begun to fall from the standing trees—and in most cases the filling and handling incident to processing the products will cause most of the bark to drop away.

For years low quality hardwoods have been standing around in eastern farm woodlands without any valuation placed on them. The

same was true of alder in Washington and northern Oregon.

Alder has found a "home" in both furniture factories and pulp mills. Some pulp mills in Washington are using as much as 10 per cent alder in their pulping processes.

In 1944 northeastern mills used less than 500,000 cords of hardwood for pulpwood. In 1954 they used about double this. Almost one-third of the total pulpwood used is hardwood.

Will we have a market for our low-quality hardwoods in the near future?

Who knows?

Ten years ago who would have thought we could have TV. It's coming now—even though the picture is a little faint.

MAYBE PULP—or charcoal—or furniture is the answer for Douglas County hardwoods.

Eventually we're sure the answer will be found and our large acreages of hardwoods will be of some value.

4-H Pheasant Club Formed In County

A new 4-H club concerned with pheasant raising has been formed in Douglas County. Some 14 members comprise the group which is headquartered in Myrtle Creek.

Members last week elected Raymond Dodgen, president; Terry Ramey, vice president; and Normy Bryant, secretary. Club leader is Jack Kiehl, assistant is George Childress.

This is the first pheasant raising club started this year, according to Ed Gilden, county extension agent. The club's first project is to raise 400 pheasant eggs to members.

They plan to take the eggs as a club project by taking advantage of the Oregon State Game Commission's recent announcement it would furnish the eggs and then pay \$1 for each bird safely liberated at the age of 10 weeks. The birds are to be liberated by a game officer.

Melrose PTA Head At Portland Meet

By THELMA HANSON

Mrs. Emilie Hargreaves is in Portland where she is attending the Parent-Teachers Assn. conference. Mrs. Hargreaves is the new president of the Melrose PTA for the coming year.

Visit At Coast

Mr. and Mrs. Carl E. Johnson visited over the weekend with their son-in-law and daughter, Mr. and Mrs. Gerald Weimer, of Coquille and Mr. and Mrs. Roy Cederstrom of Coos Bay. They also drove to Sunset Beach and Shore Acres.

The Rev. and Mrs. Hodges of Roseburg and friends visited Sunday afternoon with Mr. and Mrs. Oscar Backlund.

Mr. and Mrs. Joe Sand and sons visited Sunday with Mr. and Mrs. Eldon Weber and family in Coos Bay. While there they did some fishing at Lake Tabkenitch and report several catches.

Mr. and Mrs. Paul Backlund and children of Roseburg and the latter's father, Carl Nelson, and sister, Mrs. Mildred Osburnen of Lewiston, Mont., visited this past week with Mr. and Mrs. Stanley Sjogren and family and Mr. and Mrs. Carl Backlund.

David Sand returned home this weekend from Smith River where he has been employed at bridge construction work for the past few weeks.



CHEMICAL CONTROL OF TUSSECK has proven successful on the Lawrence Michaels farm at Canyonville. County agent Wayne Mosher (above) reports the spray used was three pounds of 2,4-D per acre which took out the tussock and left a good stand of grass. This picture was taken about 18 months after the spraying. Mosher says the spray should be applied in May and June when the plant is growing. He says the spray will not work satisfactorily on small tussock or wire grass. Small tussock is a bluish green as compared to the green to yellow green color of the large tussock. (County Extension Photo).

Wilbur Youth Wins Contest With Sheep Growing Essay

A 14-year-old Wilbur boy, Boyd Knechtel, submitted the winning essay in the 21st annual Douglas County 4-H Marketing Day contest held this year.

His 300-word-plus article was titled "How Planned Marketing Makes Bigger Profits for the Sheep Grower." It won for him a scholarship to 4-H summer school held on the Oregon State College campus.

Boyd is an eighth grader at Sutherland Elementary School. He is the son of Mr. and Mrs. Kenneth Knechtel. He has been an active 4-H member for some time, with special emphasis on sheep and poultry projects.

His winning essay reads: "The economics condition of the sheep industry in the United States is no oversupply of sheep. In fact, since World War II, sheep have declined in number more than 50 per cent, resulting in an undersupply of wool and causing the consumption of lamb to be very low. Therefore, profitable marketing of lambs and wool is determined by the quality of both, and by the time at which the lamb is marketed."

Marketable Products

"The three marketable products of the sheep industry are breeding stock, wool and market lambs. A sheep grower specializes in either wool and breeding stock or wool and market lambs—usually not both."

"For profitable marketing of breeding stock these points need consideration: First, you must select the breed in greatest demand in your particular area. A breed the public wants will receive the highest price. Second, the amount and quality of feed you can produce. Fourth, your ability to select and develop superior quality, will not only bring in profits, but will build up your reputation as a sheep breeder."

"A sheep grower, to receive large profits from his market lambs must carefully observe the season of the year, in his locality, when market prices are at their peak. Then he must plan his breeding and feeding program so he can market his lambs at that time. Research indicates that the most profitable lambs are produced by crossing breeds of sheep. Also, for maximum production the grower must use the breeds that mature fastest, and have the highest quality carcass when full grown."

Grown For Profit

"Finally, wool may be grown for profit with either market or breeding stock. The time factor in producing the fleece is of small importance. There are three main factors that determine the price paid for wool. First, the type of wool, controlled by proper breeding is determined by the fineness of the fiber. Fine wool is in greatest demand. Second, the quality of the wool, which is influenced by feeding practices. The fiber of the wool reflects the kind of care a sheep has been given. When a sheep has been underfed, there is a weak section in the fiber and when a sheep has been well fed there is a strong section. Third, the method of handling the shorn fleece. It should be kept clean, and tied so as to display the best features of the fleece. With all these considerations, the wool is graded higher and demands a higher price."

"To make even larger profits a person should produce market lambs and wool in regions where that is predominant and raise breeding stock and wool in places where breeders are in the majority, because this makes cooperative efforts possible and lower such costs as the transportation and advertising."

ENGAGED — While 14-year-old Princess Shanz Pahlavi attends a boarding school in Liege, Belgium, her marriage to King Faisal of Iraq, 19, is being arranged by her father, the Shah of Iran, Princess Shanz is the daughter of the Shah by his first marriage to Princess Fawzia, sister of ex-King Farouk. Engagement of the teenage princess and King Faisal has not been announced officially yet. It is unlikely the marriage will take place before the princess is 16. She is shown in Switzerland in 1951. (AP WIREPHOTO)

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FARM and Garden

MONDAY, MAY 2, 1955 —The News-Review, Roseburg, Ore. 9

IFYE Students Study Shows Weather, Sunshine Important Walnut Fertilization

Six students from foreign lands will visit Oregon soon under the International Farm Youth Exchange program. The announcement was made by Mrs. Winnifred Gillen, state 4-H agent at Oregon State College. She is local IFYE director.

Four farm youths from Burma will arrive in Corvallis May 13 for a three-day orientation on this country's agricultural economy and family customs. Jackson and Josephine counties will each host two of the visitors. They will also spend time on farms in Marion county before leaving Oregon July 18 to continue their seven-month U. S. visit in Illinois.

Blas Bravo from Argentina is slated to reach Oregon May 9. Miss Trudi Walzli, Switzerland, is scheduled to arrive July 27. Her brother is a student at Oregon State College this year.

The IFYE program is sponsored by the National 4-H Club Foundation and the U. S. Department of Agriculture extension service. It is financed by 4-H club members, civic clubs, farm organizations, business concerns and other interested in furthering world understanding. No federal or state government funds are used to finance the exchanges.

A five-year study of walnut fertilizing in three Oregon counties (Douglas, Lane and Washington) has proven weather and lots of sunshine are more important than fertilizer in producing high-quality walnuts.

The study also showed that nitrogen fertilizer will increase nut size and yield. The conclusions were announced this week by J. H. Painter. He is the U. S. Dept. of Agriculture horticulturist at Oregon State College.

Painter tested effects of four nutritional elements — nitrogen, phosphorus, potassium and magnesium — used to fertilize Franquette English walnuts in non-irrigated hillside and valley orchards.

The fertilizer materials were broadcast by hand between Feb. 15 and Mar. 15 and were disked in when the winter cover was turned under, usually by Apr. 15.

Nitrogen was the only element that had any significant effect. It increased both yield and size of walnuts, but there was no increase in kernel quality, Painter stated. Six pounds of actual nitrogen were applied to each tree.

Yields were increased an average of nearly 40 pounds per tree with nitrogen applications during the 1954 trials. The researcher pointed out that the yield increase returned about \$6 for every dollar spent for fertilizer with actual nitrogen costing 15 cents a pound and walnuts valued at 15 cents a pound to the grower. Grower prices for walnuts last year ranged from 14 to 19 cents a pound.

For production of high-quality walnuts, warm weather appears to be essential, according to Painter's findings. Excessive temperatures — either too high or too low — are harmful.

Released Austrians Say Two Americans Held

VOESLAU, Austria (AP) — Fifteen Austrians returned from the Soviet Union Friday and reported they met two Americans in the camps where they were held captive.

They said they also met two Frenchmen, a Briton, two Belgians, about 50 Germans and an undisclosed number of Turks.

The returnees identified the Americans as Johnny Hopkins and a man named Duemmler. They knew no other details about them. They said they saw the two last year in a camp on the Arctic coast.

Life Sentence Meted Man For Niece's Death

LEBANON, Mo. (AP) — A Texas bookkeeper is headed for a life sentence in prison for murdering an 11-year-old niece for whom he professed love.

Thurman Priest, 48, Grand Prairie, Tex., was convicted of killing Jeanette Earnest, kidnapped and found shot to death in a woods east of here last Nov. 17.

Prosecutor Edgar Mayfield told the jury Priest loved the girl so much he didn't want anyone else to have her. Priest claimed he couldn't remember what happened in connection with the girl's death.

Memorial Asks Coastal Highways' Recognition

SALEM (AP) — A memorial asking Congress to place the Redwood and Oregon Coast highways on the national system of interstate highways was approved by the Senate here and sent to the House.

Sen. Gene L. Brown, Grants Pass, author of the memorial, said that placing these routes on the network would make them eligible for additional federal funds.

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AMERICAN PHOTOGRAPHER Killed In Light Plane

SAIGON, South Viet Nam (AP) — A light plane carrying Everett (Dixie) Reese, American photographer, and a French pilot crashed Friday on a picture-taking flight over Cho Lon, the Saigon Aero Club reported.

Reese's fate was not officially determined, but French sources said two charred bodies and a quantity of scattered photographic equipment were found in the southwest section of Cho Lon, Saigon's Chinese suburb.

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Stone Fruit Disease Pest Controls Listed

New control programs for diseases and insect pests that attack stone fruits in Oregon have just been published in an Oregon State College Extension service circular.

Spray recommendations for cherries, peaches, plums, and apricots are charted in the circular that also includes a section on proper handling of the more dangerous spray chemicals.

Copies of circular 586, "Diseases and Insect Pests of Stone Fruits in Oregon," are available from the Douglas County Extension office or the OSC bulletin clerk.

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