

Oregon Lumbermen Seek Ways To Market Tree Bark

Oregon lumbermen are looking for ways to market the whole tree, including the bark, to outdo the stockmen who market the whole pig except the squeal.

E. F. Kurth, head of the chemical research division of the Oregon Forest Products Laboratory, says bark from Oregon's forests

can yield a variety of products now imported.

With an annual production of some 10,000,000,000 board feet of Douglas fir lumber in Oregon and Washington, more than 2,500,000 tons of Douglas fir bark would be available.

Researchers at OFPL have made a chemical inventory of the bark of nine Oregon trees. These include Douglas fir, grand fir, white fir, western red cedar, Port Orford cedar, incense cedar, ponderosa pine, sugar pine and red alder.

Unless tannin is recovered from tree bark, this country will soon become dependent upon imports for nearly 100 per cent of the natural tannin supply, Kurth added. Tannins are used for tanning leather and in oil-well drilling.

This country imports annually about 30,000,000 pounds of carnauba and bees' waxes. The bark waxes from Douglas fir and white fir are considered by some wax technologists to be superior to beeswax and equal to carnauba wax for many uses.

Fiber products can be produced from consolidated wood and bark mixtures without the use of any bonding resins. These experimentally made products are as strong and as water resistant as those prepared from whole-wood fiber and added resins and sizes.

Manufacture of paper to take the place of more expensive materials is another use of bark. Examples are roofing and insulating felts, boxboard, car liners and sheathing.

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says prominent Washington feeder

"We've found that cattle fed molasses dried beet pulp outyield other cattle," declares Randal Stovall of 509 North "D" Street, Toppenish, Washington. "We can also get the grain ration built up faster with molasses dried beet pulp."

Better Grading Percentage

Mr. Stovall, who is a city commissioner in Toppenish, reports that he can get better grading percentage by feeding molasses dried beet pulp with his ration. Also, he claims that the pulp will replace grain pound for pound up to 50 per cent in the fattening ration.

No Bloating or Getting Off Feed

"To our bigger steers (on full feed) we feed 7 pounds of molasses dried beet pulp and 14 pounds of grain. We don't have any trouble with bloat or cattle getting off feed. One can do a better job of feeding than if he has just straight grain and hay."

Mr. Stovall starts his cattle with alfalfa hay and about two or three pounds of the grain and molasses dried beet pulp mixture. This mixture is increased about 1/2 pound a day until the cattle are on full feed.

If you are feeding silage, keep this in mind: Experts on feeding say that molasses dried beet pulp and silage complement each other. Additional molasses dried beet pulp can be fed with excellent results, even to cows that receive silage that has been preserved with pulp.



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farm forest facts

By ED GILDEN
County Extension Agent

Happy New Year Everyone! The family, Bob, Linda, Betty and I are starting the new year by visiting the old home state of Washington. We spent Christmas at Betty's folks in Yakima and are now on the other side of the mountains in western Washington.

We stopped in Port Orchard for a day or two and are now lounging around at my folks' home in Anacortes.

Hope to have time to check with some of the farmers that I was working with in Kitsap County. Who knows — maybe they will have some good ideas we can use in Douglas County.

STUDENTS RESTORE HOME

LEXINGTON, Va. (AP) — Bruce McCorkle, a farmer here, thinks he is lucky that Washington and Lee University has a class in American art and architecture.

A 1790 home, fairly well preserved but showing the marks of its 164 years, stands on the McCorkle farm. The students are restoring it, doing all the work themselves under direction of Professor Marshall Fishwick. They found no evidence of decay or termites in the hand-wrought cedar beams or solid 18-inch brick walls.

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FARM and Garden

MONDAY, JANUARY 3, 1955 —The News-Review, Roseburg, Ore. 3

County Livestock Growers Slate Discussions Of Taxes, Protection

Western Oregon Livestock Assn. Head Featured

Taxes and fire protection assessments on forest and grazing lands will be aired at the annual meeting of the Douglas County Livestock Growers on Jan. 5 in Roseburg.

J. Harold Nichols, president of the Douglas County Livestock Assn., reports all livestock owners are invited to attend the meeting at the Farm Bureau Hall on Spruce Street, beginning at 10 o'clock Wednesday morning.

Lial Winney, president of the Western Oregon Livestock Assn., will discuss several phases of the tax problem confronting farmers. Frank Hamilton and Vance Morrison from the state forester's office in Salem will explain methods used in classification of lands being placed under fire protection and procedures used in determining assessments for fire protection.

Pasture development and management practices, and the livestock outlook in 1955, will be discussed by W. G. Nibler, farm crops specialist, and C. W. Vrooman, agricultural economist, from Oregon State College. Features of the Social Security program as it benefits farmers will also be explained.

Livestock provides the larger part of the agricultural income in Douglas County, and Nichols on the importance of the meeting to local livestock producers. Taxes of various kinds add to the cost of production and take more and more of the farmers' gross income each year, he said, and it should not be necessary to urge farmers and stockmen to attend the meeting.

Just recently the County Land Classification Committee classified over one million acres, a large portion farmer owned, which will be subject to fire protection assessments in future years. This is one reason we have requested the state forester to give farmers full information on methods and procedures used in classification of lands for fire protection and in arriving at assessment rates, Nichols stated.

Former Texan Joins College

Appointment of Miss Mary Routh as clothing specialist for Oregon State College extension service was announced this week by F. L. Ballard, associate director.

Miss Routh has been working in a similar position with the Texas Extension Service. From 1940 to 1945 she was a county home demonstration agent in Texas.

She received her bachelor's degree in home economics from Texas State College for Women, and her Master's degree in textiles and clothing from Columbia University Teachers College. She is president of the Texas Home Economics Assn.

Miss Routh will work with Murlie Seales, who is the other OSC extension clothing specialist.

This appointment is subject to approval of the State Board of Higher Education.

Mint Growers See Price Increases

Rising peppermint oil prices this winter are expected to spark interest in increased 1955 plantings at the Oregon Essential Oil Growers' annual meeting. They will meet Jan 6 and 7, at Oregon State College, according to secretary C. E. Horner, OSC plant pathologist.

M. D. Thomas, OSC agricultural economist who will give the market outlook at the session, says the recent price rise stems largely from heavier exports to Europe. Domestic demand also remained strong this year despite a slight

rise in production over 1953. Oil prices opened in September at \$5 a pound, compared with \$4 a year earlier, and have since risen. Thomas believes this will likely lead to a new build-up in Oregon acreage which had dropped from a peak of 15,000 acres in 1952 to 12,000 in 1954.

Main speaker for the general meeting and annual banquet will be Ernest Guenther of New York, world authority on essential oils, who will show colored motion pictures and lecture on foreign oil production.

At the start of the year the number of cattle and calves on farms and ranches totaled nearly 94 3/4 million head—a new all time record. As a result of heavy cattle slaughter, the number on farms Jan. 1, 1955 is expected to fall a little below a year earlier.

Cattle feeders who bought cattle in the autumn of 1953 and sold them in the spring and summer of 1954 made larger profits than usual, according to the Agriculture Department. As a result, feeders were more confident this past fall than a year earlier about future prices.

Cattle Prices Remained Stable Throughout 1954

By WILLIAM FERRIS

CHICAGO (AP)—Cattle prices remained unusually stable throughout 1954 while hog prices dropped sharply, although not as sharply as some livestock men had expected, after mid-year.

Sheep and lamb prices were lower than last year, reflecting a three per cent increase in the lamb crop.

Looking toward the future, the Agriculture Department predicted "prices of fed cattle next spring and summer are likely to be almost the same as this year."

Dairymen To Discuss Problems At Bend Meet

The promotion and advertising of dairy products and legislation concerning the industry are slated for discussion and planning at the Oregon Dairymen's Assn. annual meeting in Bend Jan. 12-14, reports H. P. Ewalt, dairy specialist at Oregon State College.

Five changes will be proposed during the meeting to bring the state's dairy laws up to date. These proposed changes are the result of monthly meetings this year of a committee representing the Northwest Ice Cream Manufacturers, Oregon Dairy Industries Assn., and the Oregon Dairymen's Assn., with the dairy division of the state department of agriculture.

The American Dairy Assn.'s program to increase the sale of dairy products is scheduled for review by Ray Albert, Chicago, member-

ship director of the ADA, Gordon Laughlin, manager of Darigold Farms, Seattle, will discuss the "self-help" program for handling surplus dairy products.

Ewalt says a special feature will be a discussion by G. Burton Wood, head of the agricultural economics department at OSC, on how the current national agricultural situation has affected Oregon's dairy industry.

Peach Leaf Curl Danger Is Near

It is time to spray for the control of peach leaf curl, reports J. Roland Parker, county extension agent. Application of control sprays should not be delayed beyond early January.

The fungus causing peach leaf curl enters the buds just as soon as the buds begin to swell and the bud scales loosen. Once the fungus grows under the bud scale sprays are not effective. Sprays to be effective must be applied thoroughly to cover all buds and twigs before the buds begin to swell.

Several spray materials are recommended for the control of peach leaf curl. Bordeaux mixture 12-12-100 is the standard spray recommended for commercial peach growers. This spray requires power equipment that provides agitation of the spray material and is not recommended when hand equipment is used as the three-gallon air pressure sprayers most gardeners have.

Ferbam may also be used in either power sprayers or hand sprayers, and should be used at a rate of three pounds to 100 gallons of water. A spreader-sticker should be used with any of the spray materials recommended for control of peach leaf curl. Dormant oil emulsion spray material used at a quart to 100 gallons of spray material makes an excellent sticker-spreader.

For back yard peach trees, either Pezitized Agricultural Spray or Ferbam are recommended because the spray is more easily prepared than Bordeaux. To prepare three gallons of Pezitized Agricultural Spray, add two tablespoons of the concentrated liquid. For three gallons of Ferbam spray, add two tablespoons of the Ferbam powder. Dry milk powder is a good spreader-sticker for home usage and should be used at the rate of two teaspoons to three gallons of spray material.

Writer Sees Farm Program Test In '55

By OVID A. MARTIN

The Eisenhower administration's new farm program, emphasizing less government in agriculture, will get its first big test in 1955. It authorizes lower price guarantees for major crops.

If this and other new farm policies work out as the administration hopes, the year would bring about a decline in the more than \$1/2 billion dollars worth of farm surpluses tied up under farm price support programs.

This decline would be accomplished through a build-up of markets at home and abroad and also by means of production limitations being imposed on such crops as cotton, wheat, tobacco, peanuts, sugar crops and corn.

Department economists predict 1955 will be another big year in sale of farm products to domestic consumers. Foreign sales will be greatly aided by a new trade development act. The government can sell up to 700 million dollars worth of crops abroad for foreign currencies—a form of payment not heretofore acceptable.

Farm Economist Named By Ballard

New extension agricultural economics specialist in marketing at Oregon State College will be Paul O. Mohr, P. L. Ballard, associate director of the agricultural extension service at OSC, said that effective Jan. 1, Mohr will succeed Paul Carpenter who has retired.

The specialist has been a graduate research assistant in agricultural economics at OSC the past year. He graduated in agricultural economics from Kansas State College in 1951 and received his master's degree at Mississippi State College before coming to Oregon.

He worked for a time as a veterinarian's on-the-farm training instructor in Kansas and had commercial experience with a pipe line company in Missouri.

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