

Lambs, Legumes, Melons, Vegetables, Top Produce

The agricultural picture in Douglas County looks promising for most producers, with lambs, legumes, melons and vegetables topping the production list.

Poultry, beans, fruit and beef come next, with dairy products following closely behind. Grain has shown a steady decline in acreage during the last few years and may continue to do so, experts say.

This information was compiled from a survey made of local farmers, fruit growers, the County Agent's office, the U.S. Production and Marketing Administration, farm products distributors and farm association officials.

By far the brightest picture is painted by farmers using irrigation and fertilizing their land. Only recently have local farmers begun to employ these methods because of the necessary expense.

Livestock Excellent
Second to lumber in importance in this county is the marketing of lambs. With the season about three weeks early, the livestock market reported an excellent year. Increase over the past five-year period has been attributed to improved pastures and land management.

Beef cattle take second place to lambs here due to hilly terrain and adverse rainfall. The market was reported about average.

Dairy products, never a major industry in Douglas County during prosperous years, are continuing to maintain production levels but no one reports outstanding results. Milk producers pasturing on irrigated land report good results but the county remains a "dairy import" area.

Turkeys Down
Poultry production, third in size in the county, is down this year in turkeys. Still there will be nearly 80 thousand turkeys marketed. This is about 40 thousand less than normal. Even with a million pound drop in Douglas County turkey production, the quality of the Bronze turkeys remains very high according to Portland turkey buyers.

Exhibits of prize birds will be shown at the County Fairgrounds during the Northwest Turkey Show, Dec. 2 to 6, Paul Abeel, manager said.

In the last 20 years eastern demand of west coast turkeys has dropped. Sales trends indicate greater consumption by the U.S. Army in the future, and, through the advertising of National Turkey Week, consumption is expected to increase.

Eggs Picking Up
Laying hens are experiencing a good market. Eggs are picking up in this area due to a shortage.

Oregon, formerly an exporter of eggs, has been importing eggs from the mid-West for several years. The quality is not as high due to the time involved in shipment. Local eggs continue to sell well.

The fryer market, always touchy, is fair now but continues to be caught between high feed costs and a low selling price.

Grains show a steady decrease in acreage in this locality. Lack of sufficient land and proper climate are the main reasons hindering quantity production, but the use of fertilizer has increased the yield sufficiently to make it commercially useful.

Oats, wheat, speltis and barley seem to continue to be the main grain crops produced and most of these are consumed locally.

Lotus Good News

The best news in legumes is the locally developed lotus. Lotus Corniculatus, broad leaf variety, often called Douglas County Lotus or Parker Lotus and very similar to the Granger variety, will be available commercially this fall.

The hybrid, developed since 1936 by J. Roland Parker, county agent, is reported to have given a good yield the second year. Capable of high quality crops on poor soil with little rainfall, even better results are obtained through irrigation, Bob Franks, Glendale grower, reported.

Fruit growers report lower than normal crops this year. Pears, in particular, are small and the market is low although the quality remains good. Bartlett's are nearly harvested and Bosc's are due to ripen soon. Mainly local pickers have been employed in harvesting, according to Jerry Keene of the State employment office.

Low Prune Price

Prunes command a low price this year but a fairly good crop is promised.

Bean picking was completed last week and some complaint was voiced on the new Blue Lake hybrid. Although the quality is higher, the yield has dropped from 12 to about 9 tons an acre.

Canners are pleased with the product because processing is easier. Possibly the canners, in an effort to command this product, will pay premium prices, experts reason.

A bumper crop of melons is growing in the Dillard area and Garden Valley growers also seem pleased. Ray Bros. of Dillard reports excellent results using the SR-91 melon, well known for its good shipping qualities as well as the excellent flavor. Harvesting is about half completed and sufficient help is reported available.

Tomatoes suffered from a late summer but the heat ripened them quickly last week. If the rains continue, as has been forecast by the weather bureau, the growers may have a fight to harvest them before they split. By Friday, though, no difficulty had been experienced by those contacted.

Tree Seed Crop Below Normal

Cone crop records from the ranger districts on the national forests of Washington and Oregon indicate a light crop for commercially important species this year, according to R. W. Cowlin, director of the Pacific Northwest forest and range experiment station, Portland.

No heavy crops and only a few medium crops of Douglas fir, Western hemlock and Western red cedar were reported for points west of the Cascade Mountains. East of the mountains the crop for these species is somewhat better. A good crop is reported for noble fir in the Coast Mountains and at some higher elevations in the Cascade Range.

A medium crop of Port Orford cedar was listed from three points within its range along the southern coast of Oregon and a good crop of Sitka spruce was reported for the vicinity of Waldport.

Ponderosa pine, normally a prolific seeder, shows no heavy crops over its wide range.

Seed collectors will be hard put to find enough to meet this season's needs, but forest managers will probably take advantage of the absence of seed to clean up slash areas in anticipation of a better crop next year, according to Cowlin.

Circular Tells How To Gauge Stream Flow

How to measure flow in small streams as a means of determining the amount of land that can be served and the irrigation equipment required to handle the flow is outlined in the new Oregon State College extension service circular.

Prepared by Marvin Shearer, extension irrigation specialist, the circular describes and illustrates how a weir may be placed across the stream to measure water flow. Copies of the circular, entitled "Measuring Flow in Small Streams" are available free from county agents or from the College.

FARM and Garden

Mon., Sept. 8, 1952

—The News-Review, Roseburg, Ore. 3



CORN TESTING—Howard Carnes, Elkton farmer, displays ear of Idaho 544, corn variety new to the Roseburg area that Carnes is growing here as a "test case." A later maturing corn than the Oregon 525, common to this area, 544 is heavier, has a thicker stalk and yields more ears per stalk. The big question is whether or not the 544, which grows primarily around Medford, will mature in this climate in time for the harvest, says Wayne Mosher, assistant county agent, who's working with Carnes on the trials. Carnes is also running fertilizer tests on his cornfield. The right hand picture shows the difference in height of corn stalks between fertilized (on the left) and unfertilized rows. 16-20 was used against ammonium sulphate and Mosher says the 16-20 is showing the best. Application was 300 pounds at planting time. (Picture by Wayne Mosher).

FHA Aids Those Who Can't Get Help Elsewhere

County Supervisor William E. Walsh of the Farmers Home Administration with offices in the Postoffice Building in Eugene states that his agency serves that group of farmers who are unable to obtain financial assistance from banks, Production Credit Association, Federal Land Banks, or other responsible cooperative or private credit sources at reasonable rates and terms.

Operating loans are made for the purchase of seed, fertilizer, livestock, feed, equipment, and to meet the necessary farm and home operating expenses. These loans bear five per cent interest and are repayable in from one to five years.

Water facilities loans are made for the installation, repair or improvement of farmstead facilities or irrigation systems. These loans bear three per cent interest and repayments are scheduled to be made as rapidly as possible in accordance with the ability of the borrower to repay, but the repayment schedule may not exceed the useful life of the facility or 10 years, whichever is less.

Supervisor Walsh also states that the Farmers Home Administration has a farm housing program to build or repair farm houses and other farm buildings. Farmers are eligible for these loans who are unable to obtain credit from other sources, as previously mentioned, and who are contributing substantially to agriculture. These loans bear interest at four per cent and run from five to thirty-three years.

Office of the Farmers Home Administration is located in Room 9, Postoffice Building, Eugene. Office hours are 8:30 a.m. to 12:00 noon and 1:00 p.m. to 5:00 p.m., Monday through Friday.

July 2, 1952, was the 90th anniversary of President Lincoln's signing of the Morrill Act which created America's system of land-grant colleges.

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Foresters Trapping Fir Beetles Near North Bend

On the Millicoma Forest tree farm near North Bend, Weyerhaeuser Timber Co. research foresters are trapping a tiny but destructive tree killer — the Douglas fir beetle.

Foresters have placed homemade traps on a number of beetle-infested trees and windfalls. These traps are fashioned from rectangular pieces of copper screening, large funnels and pint fruit jars.

With such devices, researchers are attempting to learn more about the life habits of the beetle, which killed more than 300 million board feet of timber on the 205,000-acre Weyerhaeuser tree farm during 1951.

The Douglas fir beetle, smaller in diameter than a match head, bores into a tree and lays eggs in galleries mined beneath the bark. Beetle eggs hatch into larvae that cut the layer of wood through which the tree pumps moisture and nutrients from the soil. Then the tree dies.

After maturing under the bark, larvae emerge as adult insects, which attack other timber.

Traps set by the foresters will catch some of the full-grown beetles as they come from infested trees. Results of the trapping will tell foresters how many beetle-hatches emerge in a year's time.

By placing traps on infested standing trees and on wind-falls, forestry researchers will determine also more about the beetle's breeding habits. They will learn what breeding ground the insects prefer — standing green trees or windfalls. This information will guide the company in planning the removal of beetle-infested trees during logging operations.

Logging of infested timber is considered the only practical way to control the insects. The material producing the most adult beetles would be logged first in the control program.

From trapping observations already completed, Weyerhaeuser foresters believe bug-infested windfalls produce more beetles than standing timber.

State Turkeymen To Meet Sept. 12

Oregon's Turkey Improvement Association will hold its 13th annual meeting in new Vithycombe Hall at Oregon State College Sept. 12 beginning at 9:30 a.m., DST.

Harold Davis of McMinnville, Association president, will call the meeting to order. Morning speakers will include Earl Reitsma of the State Department of Agriculture; J. A. Harper, leader of turkey research at OSC; W. A. Berge, Oregon Egg Producers, Portland; and F. L. Ballard, associate director of the OSC extension service.

The afternoon program will feature panel discussions on "Financing Turkeys" and "The Turkey Market" and a talk by W. T. Guerts of Oregon City, president of the National Turkey Federation. Dr. G. B. Wood, head of the OSC agricultural economics department, will discuss "The Business Outlook" as evening banquet speaker.

Three New Polio Cases Reported At Pendleton
PENDLETON (AP)—Three new polio cases were reported in Umatilla County Wednesday, bringing the total for the year to 45. There have been no deaths.

Two of the new cases were in Pendleton, the third in McNary. Of the total cases, eight still are hospitalized.

New Zealander Thinks Own Dairy Methods Surpass U.S.

American milking techniques just don't compare with those used in New Zealand.

That's the opinion of Russell Stalker, 21-year-old New Zealand youth who was sent to the C. R. Clumppner farm near Canyonville under an International Farm Youth exchange program this summer.

He spent two months observing three dairy farms in Vermont before coming to Oregon earlier in the summer.

Much U. S. dairy farm management, from an economic point of view, is "not good," he said. Stalker thinks New Zealand is ahead of the American farms he has seen in pasture program and milking techniques.

A universal milking system — where the milk goes right from

the udder into the can through pipelines — is common in New Zealand. But here in the U. S., Stalker says, many farmers still waste time and effort by "putting the machines on the cow, putting the milk into the bucket, pouring it from the bucket, and so on."

Pasture conservation is utilized in New Zealand to a much greater extent than here, Stalker claims. There the pastures are divided into paddocks by hedges. When the dairy cattle are through feeding in one section of the pasture, they are moved to another. But in the U.S. the cattle are just allowed to roam over a large area, which Stalker considers more wasteful than the New Zealand system.

And Stalker speaks with New Zealand dairymen know how. He and his mother have 90 milking cows on their 220-acre dairy ranch in Rangiora, South Island, New Zealand. From their ranch they deliver 2,230 pounds of whole milk a day to the 2,000 people of Christ Church.

Rates Oregon Higher
The dairymen in Oregon rate high with Stalker than those in Vermont.

"Oregon's a newer state and seems to be more progressive," he says. He thinks Oregon farmers work just about as hard as New Zealand dairymen, but believes the Vermont farmers work harder and still get the same results.

Stalker has praise, too, for U.S. dairymen. He is impressed with their spray irrigation system, which is not common in his native country.

"Excellent work" was his description of dairy pasture improvement and management experimentation going on at the John Jacob Astor research station in Astoria, where Stalker spent a week before coming to Canyonville.

He found researchers experimenting with New Zealand grasses, but it is too soon to tell whether or not they are suited to the Oregon climate, Stalker said.

Forest Lab Research Covers 50 Projects

Fifty major research projects have been under study at the Oregon forest projects laboratory, according to the forth-coming 1951 annual report.

Intensified research has been carried out on Douglas fir bark utilization, durability of various species of wood, sawdust-consuming and power-creating gas turbine operation and many other projects concerned with the utilization of forest wastes.

The laboratory is a state owned, with the yearly forest research budget involving more than \$25,000. It is financed mainly by a severance, or timber harvest, tax amounting to 5 cents for every 1000 board feet of timber cut.

Sixty per cent of this timber harvest tax is received by the laboratory and the other 40 per cent goes to the research division of the state board of forestry. Other sources of income include the general fund, cooperative grants from industry and anticipated royalties from laboratory patents.



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THE FEED BAG

PUBLISHED WEEKLY BY THE DOUGLAS COUNTY FLOUR MILL.
MAKERS OF UMPQUA CHIEF FLOUR AND UMPQUA BRAND POULTRY & DAIRY FEEDS

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WELCOME STRANGER

Lots of new people coming to our comfortable little Umpqua Valley. We are glad to see them, and there is plenty of room for them and some of their neighbors too. This is still a land of opportunity.

A lot of these new residents find their way to the Douglas Co. Flour Mill. And why not, when there are so many satisfied customers over the County to tell newcomers about the Mill.

But the special message we want to pass along today is to the new people, whether or not they have located our friendly crew. We want you to come in. We want you to ask questions of the boys, and find out why you are so welcome.

We want get mad if you don't buy something. We just want to get acquainted, and we want you to know of the many things we have that you need, and we want to tell you about the service we give our customers.

So next time you come to town, don't feel like a stranger. Come in and let's get acquainted. Tell us where you're from, and we may even know somebody else from your old home, and tell you where to find them. Anyway, we'll have a nice visit, and you'll sure want to come back.

Rich Boy: "This dining room suite goes back to Louis the 14th."

Poor Guy: "Don't feel bad, old boy. Our whole household of furniture goes back to Sears-Roebuck, next week."

ANNOUNCEMENT

Bad news for some, good for others. You know; "one man's meat, etc." but the truth is, the Douglas Flour Mill will be closed Saturday afternoons from now henceforth.

We hate to do it, but we find it necessary, for reasons beyond our control to do so. Business hours will be as follows. Week days, 8 AM to 5:30 PM, and Saturdays 8 AM to 12:30 PM. So be sure to get down before halfpast twelve for your Saturday shopping for your cows and chickens. You folks who work Saturdays, of course, will have to work your noon hour. Or, phone us to "Set it out for you".

WHICH REMINDS US

A lot of people are using our Complete Cage Ration. Fine for you who hold down jobs. Feed when convenient, and get nearly as good, (some get better), production as your neighbors.



LITTLE KNOWN FARM FACTS

Naw, this pig didn't get into a poker game. It's a system worked at by a Canadian farmer to save pigs when sows are farrowing. Looks a bit uncomfortable, huh?

The Flour Mill doesn't have any barrels to sell empty, but we can sell you a barrel of molasses, that will make you a great investment. And by the time you have used the molasses you will want to bring the barrel back for a refill, at even greater savings. Molasses is one of the most economical of feeds, and winter is the time it will do the most good. And winter is just around the corner.

Taxi - driver, (pulling over to curb): "Did somebody say stop? Passenger: "Drive on! She wasn't talking to you!"

BUILT-UP LITTER! HURRY!

Little rain last week. Warning of what's coming. If you want to save labor and money, and have healthy, happy hens, start your built-up litter quick, before it gets too cold and wet for a proper build-up. Start with a three or four inch layer of straw or peatmoss, and, instead of cleaning it out, add more as it gets beat down to a powder. We have either straw or peat, and as you know, the price at the Mill will be the bargain of the city.

Mom: "Jimmy, sit down and tell your little sister a story!"

Son: "I can't sit down. I just told Pop a story."

JUST IN CASE

... anybody should be interested, the Editor, known to many of you as "Old Doc Wellman", due to his dodging old age, will be in the office Wednesday, Thursday, Friday and Saturday mornings only, except when he has to be out on special calls.

Nell: "I'm through going out with college boys."

Bill: "Me too. They start by holding your hand, and wind up by wanting to shuffle the whole deck."

ONE STOP SHOPPING

You can save about as much time right at the Douglas Co. Mill as any place in town, because you will find so many of the things you need daily right here. A quick glance will tell you the story.

Take Vance, in the hardware dept., for instance. (On second thought, nobody would want to take Vance, would they?) But Vance finally got that "PLASTIC PIPE" we told you about weeks ago in "The Feed Bag". He had to get right down mad at the outfit. But, as they say, it is proving so popular that they are hard put to it to fill orders.

This plastic pipe has been used experimentally for 18 years, and is still giving good service. That's as good as galvanized, and better than ordinary black pipe. You can bury it, or leave it on top. So smooth inside it actually carries more water for its size than iron pipe.

Convenient; no elbows and tees, like in metal pipe. Just bend it around the corners. You can do anything with it that you can, and some things you couldn't think of doing with metal.

Also, Vance wants us to remind you that hunting season is already here. From now on, it will be doves, pheasants, ducks, geese, elk, deer, bear, and of course, a few humans. So get your ammo at our hardware department. Vance can help you up.

Sue: "I warn you, he's a wolf. He'll rip the dress right off your back!"

Lue: "Thanks for the tip, Pal. I'll wear an old dress."

PROPHETS & PROFITS

Usually we don't prophesy except in January. But when we see a chance for a customer to make a dime, we stretch a point.

All reports indicate the hatch of late chick last summer was Waybelow Normal. This might indicate that eggs will hold up better in price than last spring. According to all the dope we can get, we think you will be wise to order chicks for laying stock anytime from now until January. We know some folks who already have 'em, and we think they're smart. As for fryers, prices good now, hatches down, due to lack of hatching eggs, but we won't guess a lick either way on them. If you try, Umpqua HI-LO BROILER RATION is your best gamble for profit.

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At 12:30 P. M.

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