



SEED SEPARATOR—John Edwards, at left, manager of the Douglas County Flour Mill at Oakland, inspects the new Carter disk seed separator recently installed. With one operation, the machine will separate grass seeds, and vetch, oats and mixed grains. The machine sorts by the length of the grains. Edwards said the installation, seen at left on the platform inside the mill, above, represents an investment of approximately \$2,400. The machine is scheduled to go into operation soon.

Apply Now For Spray, Urge On Filbert Growers

Filbert growers who plan to spray or dust for filbert worms should make application immediately and not later than July 24. Filbert moths have begun to emerge and eggs are being laid according to J. Roland Parker, county agricultural agent. Lead arsenate, used at the rate of 3 pounds to 100 gallons of water, plus spreader or a 40 per cent lead arsenate dust is recommended. A thorough application of the spray is essential, especially on the upper portion of the tree. Larvae, the young worm, feed only on the undersides of the leaves and it is important that the undersides of the leaves be thoroughly covered with the spray material. Where a 40 per cent lead arsenate dust is applied it should be used at the rate of 40 to 50 pounds per acre. No sulfur should be used in the dust as it will burn the leaves of the filbert tree. The dusting should be done in the early morning hours when atmospheric conditions are calm. DDT may be used both as a spray or dust for control of filbert worms. The spray is used at the rate of 1 pound actual DDT (2 pounds wettable 50 per cent powder) to 100 gallons of water. A 5 per cent dust at the rate of 40 to 50 pounds per acre is recommended. Where DDT is used the ground under the trees should be thoroughly covered to kill as many moths as possible as they emerge from the ground.

Elkton Included On Breeders' Tour

A state tour of members of the Aberdeen-Angus Breeders Association will be made the latter part of this month. The motor caravan, expected to consist of about 200 people, will make one of its stops at the Binder ranch near Elkton, where Mrs. Nellie Binder has the registered Aberdeen-Angus bull, Black Vance Bandelier Lad No. 26, to display to other members of the association. The West Oregon tour of the association will begin at Klamath Falls Saturday, July 31, and will reach the Binder ranch sometime Sunday morning. Besides the registered bull, Mrs. Binder has a heifer calf, Marguerite, of which she is very proud, and a bull calf. The latter has been sold, but she hopes that the new owner will let it remain until after the tour. Mrs. Binder states that the Aberdeen-Angus is a beef breed of cattle, the color being black; but the outstanding characteristic is that the breed is hornless. Mr. Binder, who raises Hereford cattle, is experimenting with cross breeding Angus with Hereford to get hornless calves.

Diet Changes Would Give Millions More Food

Diet changes and prevention of waste on the part of the American people would furnish food for many additional millions, says Sherman E. Johnson of the Bureau of Agricultural Economics in a U. S. Department of Agriculture release. More milk, eggs

New Conservation Plan May Give Farmers More

Plans may now be developed for a 1949 Agricultural Conservation Program offering farmers almost twice as much assistance for conservation practices as was available under this year's program. For the current fiscal year, the Agriculture Department Appropriation Act sets aside \$150 million for the 1948 program, including administrative expenses. This was the amount Congress authorized last year for developing the 1948 program. Congress this year has authorized the development of a 1949 program amounting to \$262.5 million. Other items in the appropriation act include: Soil Conservation Service, \$45,048,000; Farmers' Home Administration production and subsistence loans, \$75 million; Rural Electrification Administration loans, \$400 million; Research and Marketing Act of 1946, \$13,850,000; School Lunch Program, \$75 million.

Price Supports On Wheat This Year Above '47 Figures

Price supports on the 1948 crop of wheat will average \$2 a bushel at farm level, E. Harvey Miller, chairman of the Oregon State PMA Committee, has announced. Last year's rate was \$1.84 per bushel. Wheat must grade No. 3 or better, or No. 4 or 5 because of test weight only, in order to be eligible for loan or purchase. Terminal wheat loan rates per bushel for 1948-crop No. 1 soft white stored in eligible warehouses storage at Portland is \$2.19 per bushel. Premiums and discounts will be the same as under the 1947 program. This \$2 price support represents 90 percent of the \$2.22-a-bushel parity figure as of July 1, the beginning of the marketing year. The increase in wheat parity on July 1 of this year over the parity figure of \$2.04 a bushel on July 1, 1947, is a measure of the rise in prices paid by farmers for commodities used in production and farm family living. Interim loan rates, offered by the Department of Agriculture last May to protect growers of early-harvested wheat, were based upon the April 15th parity figure, \$2.20 a bushel. Loan rate for Douglas County is \$1.97 per bushel.

Record Harvest Of Field Crops In Oregon Looms

PORTLAND—(AP)—A record-shattering field crop harvest is in prospect, or Oregon, the Department of Agriculture's crop reporting service says. Despite floods and a too-wet spring in some areas, the total harvest will be 11 per cent above last year and 22 per cent above the 1937-1946 average, the reporting service said. It had these comments: Who is expected to hit 29, 596,000 bushels, 7 per cent higher than the previous record set in 1927 at 40 per cent above average. Barley at a record level; hay the best in recent years; oats somewhat below average; hops at an estimated 15,400,000 pounds.

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slightly under last year's small crop. Tree fruits are expected to be about 10 per cent under average because of poor weather during the pollination season. Walnuts may be 9000 tons, 40 per cent above last year; filberts at 5600 tons above average but less than last year. The late strawberry crop was a whopping 52,920,000 pounds—two-thirds greater than usual.

Eastern Oregon Wins Fight Against Mormon Crickets

By PAUL W. HARVEY, JR. SALEM, Ore.—(AP)—Two months ago farmers in Gilliam and Morrow counties were worried by the Mormon cricket season approached. They feared last year's serious invasion was about to be repeated. But now, thanks to an extensive baiting program, this year's cricket menace is over without having caused much damage. County Agent Ernest Kirsch of Gilliam county predicts Mormon crickets won't ever cause much damage in Oregon again. A year ago the crickets swept across farm lands of the Columbia Basin counties. They ate everything in their path. The only crop damage reported this year was to one wheat ranch near Arlington, and to a few wheat fields in Morrow county. H. R. Weatherford, Arlington, chairman of the Cricket Control Association of the two counties, said the control program this year is very successful. The few crickets still living are laying eggs, but they soon will die of old age. There is one minor problem, but the farmers don't mind that. Where crickets have been poisoned by the millions, there is a bad stench. Dead crickets don't smell like roses. Farm Brevities It's mid-July, but there's still time to plant some garden vegetables, says R. Ralph Clark, Oregon State College garden specialist. Clark says you still can plant beets, bush beans, late cabbage, cauliflower, carrots, rutabagas and Swiss chard. Lettuce can be planted late in July, Chinese cabbage early in August, turnips about August 10, and spinach the last of August. Oregon's bean crop will be 10 percent greater than last year, in contrast to the 4 percent drop in the national average. The state's pea production also is up, while the national average is down.

GRANGE MEETS The Evergreen Grange met at the hall Friday evening, July 9. Margaret Burr, overseer, conducted the meeting in the absence of the worthy master. The third and fourth obligation was given to Mr. and Mrs. Talbert.

The next meeting will be a social affair starting at 8 p. m. Friday, July 23. The ladies are asked to bring sandwiches, cookies and cake.

Feed Destruction Forces Sale of Prize Holsteins

PORTLAND, Oregon, July 19.—Due to severe flood damage to his farm, S. B. Hall, one of America's foremost scientific Holstein breeders, will auction off 50 per cent, or 40 head, of his prize "laboratory herd" at the Pacific International Livestock Exposition pavilion Monday, August 16. Another breeder will add 20 head of high quality animals to the sale. All feed on Hall's farm east of Portland on the Columbia River Highway—110 acres of pasture.

Registered Willamette Valley Bred Romneys from imported rams. Choice selections now available. Oakland Farm, Newberg, Oregon

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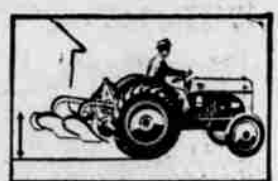
corn and hay—was wiped out and he said it would be too expensive to carry over his entire herd.

BOY HAS CLOSE CALL
YONCALLA—Little Michael Upshaw, grandson of Mr. and Mrs. Luther Daugherty, narrowly escaped serious injury Saturday while playing near home. He fell on a steel bar, cutting a bad gash in his head, close to his right eye. First aid was given by Mrs. Claude Daugherty.

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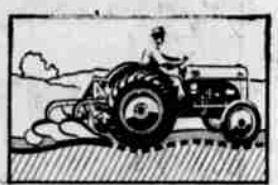
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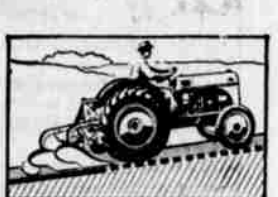
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the FEED BAG

Vol. X No. 29 Published Weekly by the Douglas County Flour Mill, Makers of UMPQUA CHIEF FLOUR and Umpqua Brand Poultry and Dairy Feeds July 19, 1948

The Poultryman's Dream.

"Rarely does the egg producer see the combination of rising egg and poultry meat prices and falling feed prices going hand-in-hand. So seldom does it happen, that the 'FEED BAG' takes this opportunity to record for future historians such a phenomenon.

Yes, sir, the price of eggs wholesale at Portland has climbed to over 60c, fryers are back up to 40c or better, and heavy hens hit the 30c mark again. Indications are that these prices will continue to advance, since receipts and storage holdings are much below normal.

All this, and Heaven, too, for the price of feed at the Douglas Flour Mill has taken a decided drop. We have been telling you for a long time that feed prices were out of line with other prices. But we couldn't do a thing about it except holler. We have also predicted that prices would drop, and, as you might guess, if we kept predicting long enough, we were bound to hit it. It will do your heart good to drop in at the Mill and get a line on the latest prices of those good UMPQUA FEEDS. We won't go to the bother of listing them here, because they might drop some more by the time you read this.

Wheat prices have already reached the loan level, (the "floor"), but with a huge crop, there is a possibility the price might drop below, since there is not sufficient warehouse space for the crop. But of one thing you may be sure: when and if the price does drop lower, the Douglas Flour Mill will pass the drop along to our producer customers.

Classified.

FOR SALE, 125-150 New Hampshire hatched Mar. 29th. Markham non-broody strain. Must sell, account fire. Lee Wilson, Camas Valley.

Squirrel Poison.

See millions of little young digger squirrels out along the road these days. These little varmints are plenty hungry, and will make some heavy inroads

in your grain fields if you don't watch out. Grain is coming down in price, and all that, but it is still too expensive for squirrel feed. Why not drop in at the Mill and get some poison. You can accomplish several things all at one time. Get some feed for your stock at the new prices, save money doing it, and make with the plans for de-squirrelizing the farm.

On That Bum Feed.

Mrs. Helen Anderson brought in an egg from one of her chicken hens, which measures 7 1/4 inches one way and 9 inches the other, and weighing almost five ounces. Now, why would a hen do a thing like that? Then a number of folks are getting little eggs from the new crop of pullets. Among them, Perk DeShields, Lester Blakely, Skip Cacy, and lots of others.

No Like.

He: "What would I have to give you for just one kiss?" She: "Chloroform."

Dry Pastures.

Pasture grass loses its protein rapidly as it gets toward maturity. If you can irrigate, and keep pastures closely grazed, protein content may run as high as 20%. But as it dries protein will drop rapidly to below 11 or 12 per cent.

This all means one thing. If you can't irrigate, you can keep up production by feeding more protein. You will find that UMPQUA MILKMAKER carries considerably more protein than the tag indicates, and that your cows will respond to increased amounts as pastures dry up. It is sold at a very attractive price, too.

Another Bargain.

Ground barley right now is among the best buys in the feed game. Rolled barley is also away down, and turkeys and chickens like it fine. Rolled barley soaked in diluted Peabody's Whey and dried down with

UMPQUA EGG MASH fed at noon would help keep up egg production, too.

Another way to get great value from cheap barley is to feed it along with UMPQUA PIG RATION for finishing off your market hogs. With the price at a new all-time high, hogs can be profitably fed. Feed UMPQUA PIG RATION straight until the pigs weigh around 100 lbs., then mix it about half-and-half with ground or rolled barley. It's a winner.

Just met your friend, Bill, and he looked sorta pinched. "Zat so, how come?"

He was walking down the street between two cops.

Multi-Purpose Calfmeal.

Besides making fine calves, and helping twin lambs catch up with their "single" cousins, some poultrymen are feeding the compressed calf meal pellets to their chicken hens, as a noon-day lunch. It is so high in vitamins, they figure the hens will pay for it with extra eggs. Why not try it, during these hot days?

Passerby: What's your cat's name, Kitty? Kitty: Ben Hur. P.B.: How come you picked that name? Kitty: Well, we called it Ben 'til it had kittens.

More About Ingredients.

In some UMPQUA FEEDS we use a product called FLAYDRY. We could list a long string of stuff which this stuff contains. And it is all good stuff, too. But we don't like a tag that lists so many names. You wouldn't read it all, anyway, unless it was some rainy day when you had nothing else to do. Some of the things are: biotin, niacin, pyridoxine, choline, pantothenic acid, phenylalanine, tryptophane, threonine, and a dozen others. It helps make that calf meal as good as it is, as well as several other UMPQUA FEEDS, which, after all, is the important idea. Huh?

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WOOL

Nelson and Fitzmaurice, wool firm of Salem, Oregon are receiving at the NEW Pierce Auto Freight Depot, located on the left hand side of the main highway at the extreme south end of Roseburg. This new depot has excellent loading and unloading facilities, and the big new automatic weigher, which will save a lot of delay in handling you growers' wool.

Their last shipment of the Southern Oregon Wool Pool in Roseburg, Wednesday, July 21, IN THE AFTERNOON ONLY.

SOUTHERN OREGON WOOL POOL COMMITTEE