

Morning Glories Routed by Wheat Plus Cultivation

Eastern Oregon wheat land that had been abandoned to morning glories is now producing 38-bushel wheat crops on the morning glory control station in Umatilla county. The method used in control has been that of cultivation and cropping, reports Lawrence Jenkins, assistant extension specialist in farm crops at O. S. C.

This weed control experimental area was established several years ago under the terms of a special legislative appropriation. The work has been carried on by L. E. Harris, assistant agronomist of the experiment station assigned to weed research throughout the state.

Weed-infested land on the area, handled under the normal summer fallow method, yielded only seven to 10 bushels of wheat per acre in 1940, compared to a 38-bushel yield on the managed land. The experiment has shown that it is practical to continue cropping land, obtaining a wheat yield every other year, and at the same time control morning glories.

The big improvement in cultivation practices tried out on the area has been extending the time between cultivations, says Jenkins. The best yields of wheat have been obtained where the morning glory-infested area was cultivated 12 times during the season. It was formerly considered essential to cultivate often enough to prevent the weeds from emerging to the light. It has since been found that cultivating perennial weeds every two weeks will bring about eradication fully as soon, and usually more quickly, than cultivating every week.

There is some difference in the elapsed period for various weeds, Jenkins points out. It appears possible to allow a longer interval on Canada thistle and Russian knapweed than is safe for whitetop and morning glory, although all of these weeds have been killed in from two to three years with cultivations made four or five inches deep every two weeks. As the season advances the weeds come back more slowly, making it possible to lengthen the intervals between cultivations even more.

The experimental work is being continued to work out further details of best and most economical methods. It has not yet been determined how many years will be required to effect complete eradication where intensive cultivation is used only every other year with a crop grown in between.

Union Pacific Gives New Train Schedules

Eastbound Pacific Limited No. 44 will have earlier arrivals and departures at various points, effective Sunday, July 6, it was announced today by J. C. Cumming, general passenger agent of the Union Pacific.

It will leave Portland, as heretofore, at 8 a. m., but will leave Bonneville at 9:03 a. m. instead of 9:08 a. m.; Cascade Locks at 9:10 a. m. instead of 9:15 a. m.; Hood River at 9:40 a. m. instead of 9:48 a. m., and will arrive The Dalles at 10:15 a. m. instead of 10:25 a. m. It will leave The Dalles at 10:20 instead of 10:30 a. m., leave Arlington at 11:35 a. m. instead of 11:47 a. m.; will leave Echo at 12:52 p. m. instead of 1:05 p. m.; and arrive Pendleton at 1:30 p. m. fifteen minutes earlier than the former schedule.

Leaving Arlington at 1:40 No. 44 will arrive La Grande at 4 p. m. and leave at 4:10 p. m. instead of 4:25 p. m.; leave Union Junction 4:28 p. m. instead of 4:43 p. m.; leave North Powder at 5:02 p. m. instead of 5:15 p. m. and leave Baker at 5:37 p. m. instead of 5:50 p. m., arriving Huntington at 7:10 p. m. instead of 7:25 p. m.

Westbound, Pacific Limited Train No. 25 will arrive at Portland 15 minutes later than formerly, at 8:55 p. m. instead of 8:40 p. m. It will leave Baker at 11:12 a. m., North Powder at 11:39 a. m. and arrive La Grande at 12:35 p. m. It will leave La Grande at 12:45 p. m. and arrive Pendleton at 2:59 p. m. instead of 2:55 p. m. Departure from Pendleton will be at 3:05 p. m., five minutes later than former schedule,

Half Mast



with arrival at The Dalles at 6:10 p. m., and departure at 6:15 p. m., 10 minutes later than formerly. No. 25 will leave Hood River at 6:50 p. m. instead of 6:38 p. m., Cascade Locks at 7:25 p. m. instead of 7:11 p. m., and Bonneville at 7:32 p. m. instead of 7:18 p. m.

The Union Pacific also announced the earlier departure of its Daylight train No. 77 from Spokane, leaving Spokane at 5:30 a. m. instead of 6 a. m., Walla Walla at 11:45 a. m. instead of 12:15 p. m., and arriving Pendleton at 1:25 p. m. instead of 1:50 p. m.

Livestock Marking Service Questioned

Attention of the state department of agriculture officials has been called to the fact that salesmen have been soliciting ranchers of eastern Oregon in an attempt to sell them a poultry and livestock marking service. The Oregon laws provide that the department of agriculture of the state must record all livestock brands and furnish county clerks of the various counties with copies of them.

Officials further point out that the law requires that any person desiring to use a brand must register it with the department of agriculture

animal division and that no person shall claim to own any animal or poultry brand or mark that has not been so recorded.

Brands recorded as the law provides are acceptable by the courts as evidence of ownership of the branded stock or poultry and this is of extreme importance to stockmen.

The department is further charged with preventing the use of conflicting brands and marks, and any person is violating the law who attempts to use a brand of another owned and recorded with the state department of agriculture.

For these reasons, the service now being offered to stockmen will not benefit those purchasing it and the use of such tattoo mark or brand not recorded would not conform to the Oregon laws.

Brands may be recorded with the department of agriculture for a dollar fee, which is far less than the amount certain solicitors are attempting to collect from farmers and ranchers of the state. Officers of the department of agriculture are working throughout the state to prevent livestock and poultry thefts, this being part of the state's service in connection with the use of recorded brands.

Lamb Feeding To Be Sponsored By E. O. Wheat League

A lamb-feeding contest with wheat as the only grain used has been announced for eastern Oregon 4-H club members by the Eastern Oregon Wheat league in cooperation with the Oregon State college extension service. The feeding period will begin about September 1 and will continue 90 days, ending at the time of the annual convention of the league at Heppner.

While feeding wheat to livestock is not likely to be as profitable as formerly under the increased price of wheat, the contest will be carried through as a means of acquainting more people in each county with the possibilities and methods of feeding wheat in preparation for a possible lower price period following the present defense emergency, says Charles W. Smith, state county agent leader and secretary of the wheat league.

Each contestant will be sold 12 white-faced lambs this summer, which will have been graded in advance so that each boy or girl will receive, as nearly as can be determined, the same quality of lamb as the others. After the feeding period, each contestant must exhibit 10 lambs at the state convention. Expert graders will be on hand to rate each lamb as to market value after which each contestant will receive a bonus of 50 cents per head for each lamb grading top market quality.

The feeding project is being handled by a general committee consisting of the county agents and a wheat-livestock grower in each of the chief wheat counties; H. A. Lindgren, extension livestock specialist; D. E. Richards, superintendent of the eastern Oregon branch experiment station; L. J. Allen, assistant state club leader, and Smith.

The only requirement as to feed used is that wheat be the only grain fed. The contestant may use any roughage he desires, or even add other concentrates, although accurate cost records must be kept and reported. Approximately 32 club

Beaver Boys' State at OSC Ends Big Session

Oregon State College—Actual experience in organization, self-government, politics, citizenship and democracy was afforded 275 Oregon boys who made up the fifth annual Beaver Boys' State on the campus last week. The session, sponsored by the American Legion and held on the O. S. C. campus for the first time, was the largest ever held in Oregon and the most successful, according to Director D. M. McDade of Portland.

Tom Spindle of Portland was elected governor of the Boys' State in a spirited campaign in which his friends advanced him as a write-in candidate in opposition to Niel C. Allen of Grants Pass and Cato Wray of Medford, the two regular party nominees. The boys spent the first four days of the week organizing into "cities," "counties," and their "state" groups with a complete set of officers for each governmental unit.

A dozen prominent civic leaders, newspapermen and public officials participated in assembly talks and classroom instruction.

RESOLUTIONS OF RESPECT

Whereas it has pleased our Heavenly Father to summon to her Eternal home our beloved sister, Loretta Leezer, who was a faithful member for many years of Ruth Chapter No. 32, Order of Eastern Star;

Be it resolved that we bow in humble submission to the will of the Omnipotent, and extend to the bereaved family of the deceased our heartfelt sympathy. That we draps our Charter in mourning in memory of our departed sister; that a copy of these resolutions be spread upon the minutes of the Chapter, a copy sent to the family, and one to the press for publication.

Gertrude Parker, Hattie Wightman, J. O. Turner, Committee.

members are expected to participate in Gilliam, Sherman, Wallowa, Morrow, Wasco, Baker and Umatilla counties.

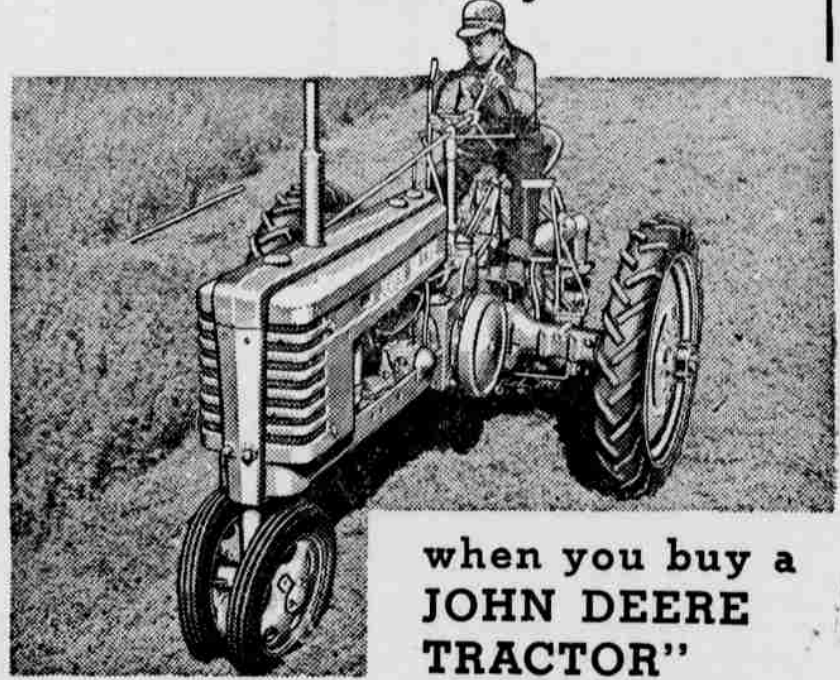
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