

FARM

County Agent's Office

Little Bur Weed Causes Problem in Wheat Fields

By GENE WINTERS
County Extension Agent

A weed in wheat, which didn't cause much concern a few years ago, is now getting to be a problem on several fields in Morrow county. Little bur, or as it is sometimes called "Horn-head buttercup", is a winter annual normally completing its life cycle before the regular 24-D spray season.

Little bur is found frequently in the Blue Mountain foothills of Eastern Oregon. The finer textured Morrow and Condon crop land soils in the county are now being invaded.

Control measures haven't proved too satisfactory until recently. Chemical treatment with 24-D or and dicamba (Banvel D) timed to kill the weed gave severe damage to the crop. MCPA gave only fair control.

Bromoxynil (Bromonil, Butril) has given excellent control at the rate of 1.5 pints of the commercial material per acre in sufficient carrier for adequate coverage.

Timing of the Bromoxynil application is always critical. For Little bur economic control can be had if the plant is less than one inch tall. Treatment should not be made if there is snow on the ground or a frost on the leaves. The spray must touch each leaf for adequate control.

Horticulture Specialists
To Hold Ione, Heppner Clinics

The Ione Garden Club meetings in Heppner and Ione next Monday, February 6, shouldn't be overlooked by anyone interested in ornamental horticulture.

Claud Mill, representing the Oregon Association of Nurserymen, and possibly two other assistants at the workshop can help you with your ornamental and landscaping problems.

The workshop is scheduled in Ione for Monday afternoon at 2:00 p.m. in the Ione United Church of Christ and for Heppner at 8:00 p.m. in the Christian church.

Nitrogen Fertilizer Needed
For Pasture and Hay Stands

The fertilizer program for irrigated pasture and hay stands should not be delayed much longer. In the case of pasture where a perennial grass is the predominate plant, an application of 30 to 40 pounds of actual nitrogen will stimulate growth for early pasture "turn on".

For the hay stand primarily in alfalfa, phosphorous and sulfur are frequently in short supply. Phosphorous needs can best be determined with a soil test. Phosphorous rates to use are usually on the order of 40 to 80 pounds P₂O₅ (18 to 36 pounds P). This amounts to the equivalent of 200 pounds to 400 pounds of single super phosphate fertilizer material.

Sulfur needs, depending upon alfalfa yield, are about 15 to 20 pounds per acre. Sulfur can be purchased separately in elemental form, or as gypsum. Sulfur, as well as phosphorous, can be applied to alfalfa when single super phosphate is used.

Phosphorous fertilizer should preferably be applied in the fall. Phosphorous fertilizer unlike nitrogen fertilizer is relatively immobile requiring considerably more rainfall (or irrigation water) to move the nutrient into the root zone. Fertilized phosphorous is usually more available in cold early spring soils than the native phosphorous.

Harris Named County Delegate To 4-H Meeting

By GAIL McCARTY
County 4-H Extension Agent

Morrow county's delegate to the Oregon 4-H Club Conference in Salem is Bob Harris, Rhea Creek Livestock Club. He is currently enrolled in the ninth year of club work and has held a variety of offices during this time. He will meet with delegates from every Oregon county in Salem, February 5, 6 and 7.

The Sears-Roebuck Foundation provides meals and lodging for these delegates.

The purpose of the program is to provide an opportunity for young people to see their responsibility as citizens to government, and to learn the responsibility of government to its citizens.

While in Salem, they will hear talks by State government officials, such as Governor, Secretary of State, State Treasurer, Chief Justice, President of the Senate, and Speaker of the House. They will visit state departments such as Tax Commission, Public Welfare Commission, House of Representatives, and Senate. There will be tours of the Capitol Building, Supreme Court Building, and the State Library. Each delegate will also participate in an interview to select delegates to the National 4-H Conference in Washington, D. C.

Last year's delegates from Morrow county were Maureen Doherty, Heppner, and Bruce Jones of Irrigon.

Mann to Report To Plateau Council

Representative Irvin Mann (R), Stanfield, will represent the Oregon Interstate Cooperation Commission at the second annual convention of the Columbia Plateau Resources Council February 23 and 24 in Spokane.

Mann was designated by Commission Chairman Vern Hill. On the convention program, Mann will give the final report of the Columbia Plateau Resources Council constitution and by-laws committee of which he is chairman.



TOPAR WHEATGRASS waterway and strip cropping on the Ralph Beamer ranch, pictured here, are among the conservation practices used in the Heppner Soil and Water Conservation District.

Bulletin Gives Mole, Gopher Control Data

By GAIL L. McCARTY
County Extension Agent

Recent trips around the county have shown that a major part of the gopher population must think spring is here. Numerous examples of fresh gopher workings can be found mainly in the cultivated valleys.

Loose mounds of earth thrown up by these little pests mark the general route of their underground tunnels. Gophers seldom share these runways. A single gopher will often make several mounds, and the elimination of one gopher may rid a fair sized area of gopher damage.

Control measures can be used effectively any time a new mound appears. The most popular time is the spring and fall when the soil is moist and gopher workings are evident. Gophers can be controlled by trapping or poisoning or a combination of both. More information can be obtained from Extension Bulletin 804, "Mole and Gopher Control", available from the Morrow County Extension Service.

The Morrow County Extension office has gone out of the poison bait business and Cornett Green Feed has purchased our stock. Further supplies can be obtained there. They will also try to keep track of the "Gopher Getter" bait machine owned by the Heppner Soil & Water Conservation District.

TYPEWRITER RIBBONS for all makes of machines, 98c; Carter's X-Pert Carbon Paper, 39c; boxed typing paper, 500 sheets, \$1.95; adding machine paper, 25c roll; carbonized and non-carbonized sales books, and other office supplies, Gazette-Times office.

1966 Grain Exports Climb in Portland

Seventy-five thousand more tons of grain were exported through the Port of Portland in 1966 than the previous year.

Oregon Department of Agriculture grain inspection figures show the department's grain division inspected 2,847,009 tons of grain for export in 1966 compared with 2,771,968 tons in 1965.

There was a slight decrease in incoming grain, however, with inspections made on 3,470,811 tons of incoming grain in 1966 and on 3,664,695 tons in 1965.

Protein analyses hit an all-time high with 42,793 analyses made by grain division chemists in 1966, compared with 36,450 in 1965.

Two of Oil Co-op Complete Seminar

Lyle Cox and Ed Baker of the staff of Lexington Oil Cooperative have completed the introductory phase of a sales and service seminar for operational personnel.

This initial session combined a review of the historical development of Pacific Supply Cooperative throughout the Pacific Northwest, with a discussion of modern techniques of sales and service directed at customer needs.

This course is being presented by Pacific Supply Cooperative under the direction of Ray Whitcomb, P.S.C. Director of Staff Services.

New Club Organized

The Cookettes 4-H club met January 25 at the home of Mrs. Wallace Wolff, leader of the first year cooking class. They elected the following officers: Diane Cox, president; Pattie O'Harra, vice president; Dale Arrington, secretary; Lisa Collins, reporter; Diana Raymond, sergeant-at-arms, and Christine Evans, recreation leader. The Cookettes made hot and cold drinks. Lisa Collins was hostess and served cupcakes for refreshments.

Lisa Collins, reporter

The Wheat Field

By GEORGE W. DEWEY
Legislative Counsel,
Oregon Wheat League

SALEM Representative Gerald Detering, a fruit and vegetable grower from Linn County heads up the important House Agricultural Committee during the time the Oregon Legislature is in session—and the chances are it might be longer—as Speaker of the House of Representatives, F. F. "Monte" Montgomery told all House Committee chairmen that he would like to see them broaden their scope of activities and in effect become "permanent" committees.

Irrigation Loans

Detering said currently the committee is considering whether to allow the State of Oregon to go into the loan business in order to help establish more irrigation projects.

House Bill 1027 was introduced at the request of the Interim Committee on Agriculture and would establish a \$1,000,000 revolving loan fund.

Detering told us that the real issue now facing his committee was not the details of "how" such a loan program would be accomplished but—"should the State of Oregon go into this field." He said further, "We hope to provide sufficient funds to help groups of farmers to establish new irrigation resources, and put them into such a position so that final financing would be available from existing lending agencies. 'This isn't a new idea,' Detering told us, and he cited the State of Utah which has now built up a 10 million dollar revolving fund from a small original appropriation some years ago.

"The wheat producers of Oregon should find this proposal of interest," concluded Detering.

Further hearings are to be scheduled with the bill ultimately to go to the Ways and Means Committee.

Goose Pasture Bill

Another bill now before the House Agriculture Committee is more commonly called the "Goose Pasture Bill." This bill, HB 1029, prohibits the State Game Commission from acquiring land for game refuges within a Farm Use Zone if such



"MAN, 'DIG' THAT SOIL EROSION!"

land is within one mile of growing grain crops. This proposal is very similar to a bill passed in the last session and vetoed by former Governor Hatfield.

Detering said, "Of course the Game Commission is opposing the measure, but we believe it to be in agriculture and the State's interest."

Ullman Proposes Flood Insurance

Congressman Al Ullman announced that he will introduce Monday a bill to provide low-cost, Government-supported flood insurance for property owners.

"The memory of the Christ-mas 1964 disaster and the threat of new damage from this week's snowfall in the Cascades and hurricane on the Oregon coast make this legislation imperative," Ullman said.

Ullman's bill utilizes the private insurance carriers to provide the coverage. "At this time, it is not usually feasible for private insurance companies to offer low-cost insurance in flood risk zones," the Oregon Democrat stated.

Under Ullman's plan, the Government will make up the difference between the reasonable premium rates and the actuarial risk for insurance for floods, mudslides, and tidal waves.

"The past two years have seen natural disasters in the Pacific Northwest and many other areas of our nation," Ullman said. "Instead of responding with special laws after each disaster, we must develop a national plan to insure our citizens against these caprices of nature," he continued.

"In recent years, thousands who have suffered flood losses were brought to the stark realization that they had no insurance to recoup their losses from water damage," Ullman noted.

The bill would prohibit issuing the new insurance on homes where flood insurance can be obtained at a reasonable cost. Another feature in the legislation will make loan funds available to insurance companies which suffer heavy losses on property covered under the program.

Metsker maps of Morrow, Gilliam, Umatilla, Wheeler counties on sale at the Gazette-Times, \$1.25 each.

Paul Tews Attends Meeting in Omaha

Paul W. Tews, with T & C Storage in Ione, joined more than 160 other distributors from all parts of the United States at the 1967 Storer Sales Meeting, held at the From Town House Motel in Omaha, Nebraska on January 23 and 24.

The Storer Company manufactures grain drying and conditioning equipment, grain and feed storage and handling equipment and steel buildings for farm and industry.

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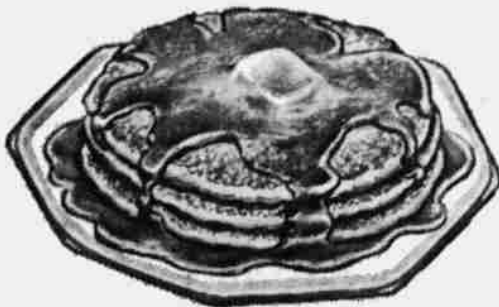
Always pay your bills by the 10th of the month. Remember, the way you pay today, is the way you are building your credit record for the next

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Tuesday, February 7

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In those depression days, Northwest farmers were "manufacturers" of food and fiber but, as individuals, they lacked the buying muscle any industrial manufacturer had to have to survive.

Pacific Supply gives over 100,000 Northwest growers the combined purchasing power needed to keep the cost of production supplies down on the farm, at levels reasonable enough to make a profit and stay in business.

The seed of Pacific's original objective has grown in purpose, cultivated and fertilized by these policies—all aimed at serving the expanding needs of Northwest farmers:

WITH HONEST PRICING insuring the same fair price to any buyer of the same quantity and service, retaining a reasonable profit for Pacific cooperatives to expand future services to farmers.

WITH HIGHEST LEVEL OF SERVICE, both routine and emergency, to give Northwest farmers the kind of technical assistance and grow-how only a farmer-dedicated business like Pacific can provide.

WITH TIMELY AVAILABILITY of refined fuels, chemicals and fertilizer products delivered to Northwest farmers when and where they need them.

WITH ASSURED QUALITY of every product that bears the Circle P emblem, the sure sign for farmers.

WITH AGRICULTURAL RESEARCH to help Northwest farmers meet tomorrow's demands for technological advances in agricultural production.

WITH CREDIT AND MANAGEMENT SERVICE for farmers and associations to help Northwest growers succeed as agri-businessmen.

As we better serve the needs of Northwest agriculture, we better serve all mankind.

"We believe that the agricultural industry, which can be victimized by nature, should not be plagued by problems over which man has a degree of control—namely service, price and availability of necessary supplies."

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