

FARM

County Agent's Office

Proper Timing Important For Control of Weeds

By GENE WINTERS
County Extension Agent

The coming of spring heralds the weed problem facing Morrow county wheat and barley producers. Broadleaf weed control in winter cereals can be accomplished with a number of chemicals including 2,4-D, MCPA, dicamba, bromoxynil or 2,4-D plus dicamba.

Proper timing with a recommended amount of suitable

chemical in adequate carrier for coverage are the main factors to consider for broadleaf control.

Application of 2,4-D and MCPA should be made after winter cereals have at least five leaves. Timing should also be related to the growth of the weeds. Usually the smaller the annual weeds are when treated the better the control. It is important to spray weeds such as fiddleneck, blue (purple) mustard, French pink and gromwell before they start to send up flower heads. The ester forms are preferred for these hard to kill weeds.

For adequate coverage use five to 20 gallons of water when ground applied or at least two gallons of water by airplane, with one-half to one pound of 2,4-D amine, oil soluble Amine, acid or ester.

Where control of corn cockle, cow cockle, knotweed, dog fennel and related 2,4-D resistant annual weeds in wheat is the problem, the chemical dicamba (Banvel D) is recommended. Use 1/2 pint of the four-pound per gallon amine in 5 or more gallons of water by ground sprayer and at least 2 gallons by aircraft. Use the same timing as for 2,4-D where the wheat has at least five leaves, and before the head starts in the boot.

A mixture of 2,4-D plus dicamba is used to control a mixed stand of mustard, fiddleneck and other 2,4-D susceptible annual weeds in winter wheat.

Use one-eighth pound active ingredient of dicamba plus 1/2 to 3/4 pounds 2,4-D per acre. The higher rate of 2,4-D should be used where the weed mixture includes fiddleneck, blue mustard and gromwell.

Application of a dicamba and 2,4-D mixture should be made after the wheat has 3 to 4 fillers and a fairly strong root system, but before the head starts in the boot.

In all cases follow the instructions on the label.

Several Pasture Grasses Recommended to Irrigation

Stockmen planning to establish irrigated pasture stands may want to investigate the merits of several grass species adapted to Morrow county conditions.

One grass growing well now and adapted to a wide range of soil and mixture conditions is tall fescue. Once established tall fescue can stand hard use. Because it is coarser than many of the other grasses, it should be seeded alone or with an adapted legume. Alta is the recommended variety.

Orchard grass is another popular species, but requires well drained soils. A greater variety selection of this grass is available than perhaps any other grass. There have been developed early, medium and late maturing varieties. Maturity is an important factor when seeding grass with alfalfa. Latar is recommended for hay or pasture. Potomac, an early variety is recommended for pasture in eastern Oregon.

Smooth brome is highly palatable grass adapted to well drained soils above 2500 feet in elevation. At lower elevations it tends to go summer dormant. Smooth brome should normally be seeded alone because of its extreme palatability. Manchur variety is recommended for the Pacific Northwest.

Meadow foxtail is a well adapted grass species for poorly drained soils with winter or early spring flooding and to high elevations. An extremely palatable plant it has a long season of use. Its particular advantage is in wild flooded meadows or where there is a salt problem.

Grass species having limited special use under irrigation are pubescent, intermediate and tall wheat grass.



PEACE CORPS Volunteer Dick Herman looks on as rolls are put into an oven made from a 50-gallon drum in the Philippines. Note the packed earth or clay outside the drum to better preserve the heat. Wheat Associates, the Oregon Wheat Growers League representative in the Philippines, is working to have more of these ovens constructed as they are adapted to rural areas throughout the island. 2500 rolls are baked a day. It is hoped this will increase our cash sales to the Philippines.

50-Gallon Drums May Boost Wheat In Philippines

Fred Schneller, Philippine director representing the Oregon Wheat Growers League, reports that the answer to one of America's wheat marketing problems in his area may lie in an empty 50-gallon gasoline drum high in the mountains of Bohol province.

What does an empty gasoline drum have to do with selling U. S. wheat?

Mr. Schneller explains it this way: "Many Filipinos live in remote and rural areas. It's hard to get to many of these places and good product distribution is difficult. Part of our problem in selling more U. S. wheat to the Philippines is getting fresh bakery products to the customers."

Working with a Peace Corps Volunteer, a bakery has been built out of bamboo with a 50-gallon drum installed as the baking oven. It cost practically nothing to build and is at present putting out 2,400 rolls a day. It is hoped this idea can be adapted to other areas in the Philippines.

The Bureau of Public Schools has been working with the league's representative and is very much interested in trying to adapt the gas drum concept to schools which couldn't afford a larger oven. Also, the Bureau of Public Schools plans to build a gas drum oven in Manila to serve as a model for other village schools. The Rural Development agency may also develop this idea to create new jobs and to bring a better balanced diet to the villagers.

"In wheat marketing, we make use of all the tools available," Schneller concluded. "In this case it looks like one of our tools may be an empty gasoline drum."

Cash wheat purchases by the Philippines during the first six months of this year are expected to be about 90% from the U. S.

Madras Horse Club To Hold Play Day

Sunday, March 27, is the day set for a benefit Play Day, sponsored by the Arabian Horse club of Central Oregon at the Jefferson County Fairgrounds indoor arena, Madras. The proceeds from this Play Day, open to all breeds and all riders who like to game, will go into a building fund for badly needed box stalls on the fairgrounds.

Six games are scheduled: Texas barrels, figure eight stake race, scurries, poles, keyhole and four barrel flag race, with divisions for juniors, 16 and under and seniors, 17 and over. There will be ribbons to 5th place in all events and participant ribbons for all juniors.

The show will start at 10 a.m. Sunday morning. A food concession will be in operation on the grounds. All who enjoy gaming and are interested in seeing bigger and better shows and playdays East of the Cascades are invited to attend this benefit. For further information contact Mrs. Howard Fisher, Box 113, Madras or call 475-3153.

Agri-Business Meet Slated for April 1

The Agri-Business Council of Oregon will move another important step toward final organization April 1 when the 15-man executive committee meets in Portland at the Imperial Hotel.

Chairman Marion Weatherford, Arlington, said the executive committee will meet to review the work of a six-man committee which has been developing the proposed constitution and by-laws for the Council. Paul Carpenter, retired professor at Oregon State University, has been drafting the necessary papers.

After the executive committee reviews and approves the work now in progress, the whole package will go to an attorney for another thorough check.

The paper work will be presented to the same 60-member organizing committee which met in Salem last September. This meeting is tentatively scheduled for mid-May, Weatherford says.

The Agri-Business Council of Oregon was spearheaded by the State Board of Agriculture whose members, after long study, concluded that allied businesses and agriculture need to work together in a common program to tell the story of agriculture and its importance to the economic vitality of Oregon.

Following the May meeting, Weatherford will call a general meeting of all farm and business groups, similar to the statewide session in Salem last June which gave the "go-ahead" signal to the agri-business concept.

MENUS

Heppner Elementary School
March 28-April 1

Monday—White beans, ham, hot rolls, butter, jelly, lettuce salad, purple plums.

Tuesday—Macaroni casserole, jello vegetable salad, peach, grapefruit, bread and butter, milk.

Wednesday—Rice beef gravy, green beans, chocolate cake, apricots, bread and butter, milk.

Thursday—Vegetable beef stew, celery sticks, corn bread, butter, honey, pears, milk.

Friday—Potato soup, peanut butter sandwiches, cherry crisp, milk.

The department of agriculture will report on the progress made toward certification of the state as a brucellosis free area. Five more Oregon counties, Deschutes, Morrow, Gilliam, Jack-

son and Sherman, have recently applied for certification. Thirteen other counties have already been certified as brucellosis free.

Monument News

By MARTHA MATTESON

MONUMENT—American Legion Auxiliary entertained the Legionnaires at a birthday party Saturday evening at the Legion hall. Mrs. Roberta Croker made the birthday cake. Cards were in play during the evening.

Mr. and Mrs. Walter P. Williams are the proud parents of a baby girl, born at the Pendleton Hospital. Grandparents are Mr. and Mrs. Frank Williams of Monument and Mr. and Mrs. Johnnie Stussi of Long Creek.

Mrs. Clifford Howell took Mr. and Mrs. Frank Howell to John Day last Tuesday to take care of business.

Noble McBride drove the Elzy Emrey truck to Izeze last Tuesday after cattle, returning home Wednesday evening.

Mr. and Mrs. Lewis Neal, Sr., and Mr. and Mrs. Bill Neal drove to Portland over the vacation week and attended the services of their aunt, Mrs. Earl (Bessie) Hansen, who was raised near here and known as Bessie Neal before her marriage.

Mrs. Ellen Moore and her granddaughter, Mrs. Darlene Boyer, drove to John Day last Thursday on business.

Mr. and Mrs. Glen Williams of Prineville visited March 13 with a brother, Frank Williams and family, and left their two daughters for a week's visit. The Frank Williams returned them home Sunday, March 20.

Mrs. Irene Forrest is spending a few days at the home of her daughter and family, Mr. and Mrs. Dean, at Brightwood.

John Thomas, a senior student at Linfield college, spent spring vacation at Kimberly with his parents, Mr. and Mrs. W. B. Thomas.

Mr. and Mrs. Robert Lesley of Bend enjoyed the steelhead fishing at the Neal place recently. James R. Thomas, son of Mr. and Mrs. W. B. Thomas of Kimberly, is presently stationed with the Armed Forces in Korea.

Mr. and Mrs. Lewis Neal visited his mother, Mrs. Belle Neal and his aunt Faye Grant, at Lafayette last week.

Robert Kilby started working for the county on Monday morning.

Mr. and Mrs. Bob Helms spent a week at Richland with his folks.

MMM club met at the home of Doris Capon last Thursday afternoon, with 12 members present. They made plans for a sale on April 9 at Boyer's store. Pies, cakes cookies canned fruit and fancy work will be on sale.

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Clough's Father Dies in Arlington

Alfred Blakely Clough, 65, father of Bob Clough of Heppner, died in Arlington Monday, March 14. Funeral services were Friday in Arlington.

Mr. Clough had been in failing health for some time. Surviving are the widow, Mrs. Ruth Clough of Arlington; three sons, Bob of Heppner and Arthur and Bus of Arlington; and a daughter, Ruth Anne of Ontario.

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