

Oregon State University Agronomists Report on Promising New Weed Killer

That old reliable weed killer, 2,4-D, may have to move over and make room for a couple of competitors that accomplish some things 2,4-D has never been able to get done.

Extensive testing at Oregon State University by agronomists W. R. Furtick, A. P. Appleby and D. G. Swan show that two chemicals, ioxynil and Tordon, will perform efficiently in several troublesome situations where 2,4-D hasn't been effective.

The OSU agronomists report test results with two new chemicals in an article in the spring 1964 issue of Oregon's Agricultural Progress, published by the Oregon State University Agricultural Experiment Station.

According to the article, ioxynil is a high potency, broad spectrum annual broadleaf weed killer with a wide safety margin on grain crops. It is most effective against annual broadleaf weeds during their early growth—when grain plants are so small they would be injured by 2,4-D.

Destroys Winter Annual Weeds

The researchers say ioxynil offers a solution when early rainfall causes rapid fall germination

RETURN FROM REUNION

Mr. and Mrs. Mark Moncur and Curtis returned home Sunday from a family reunion in Panaka, Nev. Enroute home they visited three days with their son-in-law and daughter, Mr. and Mrs. Gary Sant of Provo, Utah. Mrs. Moncur's nephew and his wife, Mr. and Mrs. Merrill Lee of Roundup, Mont., visited Monday at the Moncur home following the reunion.

TRAVEL TO SILVER CITY

Mr. and Mrs. Paul House, Mr. and Mrs. Clarence Wernick and Mrs. Glenn Marcum traveled to Silver City Saturday to attend a Homedale Eastern Star meeting. Mr. and Mrs. George Bear and Irma Meyers spent the night at Silver City following the meeting.

of fiddleneck and similar winter annual weeds that might crowd the grain crop out unless they are controlled.

Ioxynil has been highly efficient at rates as low as one-half pound or less per acre, when applied in November-December. At this rate, annual broadleaf weeds which germinate during a wet fall have been completely controlled without damage to the grain crop.

Major use for Tordon is controlling deep-rooted perennials such as field bindweed, Russian knapweed and Canada thistle. One of the major weaknesses of 2,4-D has been its failure to kill most of these deep-rooted perennials. Tordon applied at the rate of two pounds per acre will wipe out these weeds.

Cereals Show Tolerance

While Tordon cannot be used selectively in grain crops, cereals have shown considerable tolerance to the material. Applications during fallow or after harvest will allow rapid return to grain production with perennial weed control.

Tordon, according to the agronomists, is the first weed killer that offers promise of complete eradication of most broadleafed perennial weeds without sterilizing the soil for a long period. Rates are low enough so that growers can afford to treat large areas.

Limited quantities of ioxynil are expected to be available for grower-trials in the fall of 1964, while limited amounts of Tordon are available this summer for use on non-crop land.

OSU Inspectors Okay Malheur Grain Crops For Seed Certification

Seed certification specialists from Oregon State University have completed examination of grain crops entered for certification in Malheur county, according to Leeds Bailey, county extension agent.

Wheat varieties examined included Lemhi 62, Lemhi 53, Federation and Gaines. Park oats were inspected along with Bonneville and Alpine barley. One field of Foundation Vale barley grown by the Malheur experiment station was entered in the program.

The inspectors will be back in the area during early August to examine alfalfa and red clover fields entered for certification, Bailey said.

RETURN FROM COAST

Mr. and Mrs. Ralph Lowe, Carolyn and Patty returned home Sunday night from a week's vacation on the Oregon coast. During their trip they fished for salmon and visited with Mr. and Mrs. Orvis Newell of Empire, Mr. and Mrs. Harry Russell of Toledo. Enroute to the coast, they also saw Crater lake.

SENIOR CITIZENS PICNIC AT CHERRY CREEK PARK

Senior Citizens met at the Eugene Butzer home Friday and drove to the Cherry Creek park for a picnic dinner and day of relaxation. At the next meeting on Friday, Aug. 14, members are to meet at the Butzer home, from where they will go to Vale city park for a sack lunch.

VISIT FROM CANADA

Mr. and Mrs. Paul Knottingham and sons, who have been visiting their parents, Mr. and Mrs. Jack Jones of Middleton and Mr. and Mrs. O. P. Council of Nyssa, returned Friday to their home in Three Hills, Alberta, Canada.

HOST BARBECUE PICNIC

Mr. and Mrs. J. H. Malloy were recent hosts at a barbecue picnic held at their home. Those attending the event were Mr. and Mrs. Don Jensen and Michelle of Provo, Utah, Mr. and Mrs. Chet Bowns, Mary and David, Mr. and Mrs. Delbert Malloy and Jim.

VISIT IN McCALL

Mr. and Mrs. Murl Lancaster spent three days last week at Payette lakes. While there, they visited with Jack Jenkins and Clyde Swisher.

4-H Youth Practice Judging of Livestock

Practice in livestock judging was the purpose of two 4-H club tours last week, according to E. M. Hauser, Malheur county extension agent.

4-H members from Nyssa, Ontario and Adrian communities held their tour Thursday, July 23, and made four stops to look over different kinds of livestock. The members judged beef classes at the G. A. Ireland and Son farm, dairy at the Brock Robbins place, sheep at Jack Conners' farm and a class of swine at the Jim Ruff farm.

On the Vale tour, members visited the Allan Anthony place for practice in swine judging, Jack Taylor's farm for dairy classes, Frank Hendricks' place for sheep and the Allan Westcott farm for beef classes.

On both of these tours George Bain instructed the youngsters in judging beef and swine while Hauser handled dairy and sheep classes.

The instruction in livestock judging was presented to help prepare 4-H members for the county livestock judging contest to be held Aug. 5 at the annual 4-H livestock field day.

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