

GRASS KILLER MAY SOON BE NEWEST WEED WEAPON

Chemical weed killers that will kill woody grasses out of broadleaf and legume crops may soon be added to present effective weedicides that kill broadleaf plants out of grasses, says Virgil H. Freed, weed research specialist at the OSC experiment station.

Research men in Maryland have reported success in killing grasses with a chemical with a 24-letter name, isopropylphenyl-carbonate, which is harmless to most broadleaf plants and even stimulates tomatoes to better growth, says Freed.

Use of this material is not practical yet on a commercial scale as much more research is necessary on its selectivity. Some

of these experiments will be made at Corvallis next summer to see if wild oats can be killed out of flax fields with this chemical. Success would be a big help to the flax industry.

STATE CONTEST DATES SET

Oregon State College—April 11 and 12 are the dates of this year's Oregon State high school speech tournament to be held at Oregon State college. District tournaments are taking place in March to select contestants for the final state meet. Subjects for debate and various speech classes include socialized medicine, preserving ethical values of American life, Russo-American relations and Oregon history.

High Costs Eyed In Farm Outlook Analyzed by OSC

Both farm prices and farm costs have advanced sharply in the past year, it is shown in the annual outlook analysis for spring planted annual and perennial crops just issued by the agricultural extension service at OSC. The outlook report contains sections on grain and hay crops, potatoes and truck crops, forage crop seeds, tree fruits and nuts and some other specialty crops.

Although some farm products declined in price, others advanced to bring the general level up 24 percent during the year, reaching 246 percent of the 1935-1939 level in January.

During the same period the general level of farm costs in Oregon rose 11 percent. Farm wage rates in the state were 94 percent of the 1935-1939 average, while the United States average of other farm costs stood at 168 percent of the prewar level. By giving labor a weight of 25 percent it appears that the general level of all Oregon farm costs is about 215 percent of 1935-1939. This is significant in view of the outlook for lower farm prices during the 1947-48 marketing season.

By adjusting farm operations some farmers may hold net farm income up in 1947-48 but on the whole it is probable that net farm income from 1947 production will not be as great as from farm marketings during the 1946-47 season, the report states. The volume of production is expected to continue large, but demand, both domestic and foreign, is expected to weaken somewhat.

The report contains several tables and charts of basic data, including figures showing the relationship between the national disposable income and the farm value of foods. Another table shows the 1946 level of production of various farm products in percentages of 1935-1939 output. A copy is available free from any county agent or from the college.

LATE HEATING EQUIPMENT TO BE SHOWN AT COLLEGE

Oregon State College—warrtime developments and improvements in the field of heating and ventilation.

The public and will be the subjects of technical discussion by visiting engineers at the fourth annual Air Conditioning conference at O. S. C., March 21, 22 and 23.

This conference, sponsored jointly by the Oregon chapter of the American Society of Heating and Ventilating Engineers and the college's mechanical engineering department, is the first to be held since 1944. Engineers have engaged since to display their latest equipment at the exposition open to the public each evening.

A technical program, arranged by a conference committee headed by Walter Henthorn, Portland, is designed for all those engaged in any phase of the heating and ventilating field. A featured subject is an explanation and discussion of the new panel heating methods with F. Joehle, Portland, as first speaker, and Walter Wilcox, discussing the contractor's view of panel heating.

Five technical sessions have been arranged including an evening banquet Friday, March 28. John P. McDermott, Portland, is general chairman of the conference.

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O. G. CRAWFORD
Publisher and Editor

WATER ORGANIZATIONS TO JOIN IN PORTLAND MEET

Members of three organizations concerned with water usage in agriculture and industry will hold joint or consecutive meetings in Portland the three days of April 21 to 23, bringing together delegates from all parts of the Pacific slope and western Canada.

The three-day session will start with the annual meeting of the Columbia River Basin Water Forecast committee Monday morning, April 21, when, under the chairmanship of J. C. Marr of Boise, Idaho, water supply reports for the season will be heard from all parts of the Columbia river basin.

The eastern Snow conference will start that afternoon and continue through the next forenoon with R. A. Work, Medford, as chairman. Speakers will report on many aspects of snow surveys and related scientific work with snow.

The third and final part of the session will be a meeting of the North Pacific Regional Section of Hydrology of the American Geophysical union. Dr. J. C. Stevens, Portland, will be chairman of this section which will bring together engineers from many parts of the region to discuss water supplies, measurement and handling.

APPLES EXCEED PEARS IN ANNUAL MAN LABOR NEEDS

Labor requirements for producing apples in the Hood River valley are more than 50 percent higher than the requirements for producing pears in the same locality, it is revealed in the report of a survey of man labor requirements made there by the farm management department of the OSC experiment station.

This report, published as station bulletin No. 420, shows that annual labor requirements for apple production total 380.8 man-hours, distributed throughout the year but with two distinct peaks in June for thinning and October for harvest.

Annual labor requirements for pear production, on the other hand, are only 235.2 man-hours arranged in a rather steadily rising curve to a single sharp peak in September.

The study was made on the farms of 44 apple and pear growers having both bearing and non-bearing acreage totaling about 10 percent of the entire acreage of the valley.

CO-OP EMPLOYEES PLAN STUDY OF MAN LABOR SUBJECTS

Employees of cooperative sales and purchasing associations who attend the second annual short course arranged for them at OSC March 17 to 27 will follow a definite schedule of classes similar to those used by the regular students. The course is conducted by the department of agricultural economics.

The short course students will take work in 15 different subjects from nine members of the resident staff and seven guest lecturers. Subjects range from credit and finance to the psychology of human relations.

The two-fold objective of the course given at the request of the cooperatives is "to improve the student's training in certain technical subject matter in the field of producer cooperative organization and operation," and "to improve the student's understanding of the relationships of his cooperative organization to the social and economic life of the community in which it is located."

Mrs. Alma Gilliam drove up from Portland Saturday evening, bringing Mr. and Mrs. Spencer Akers with her, to see Mr. and Mrs. Robert Walker and their son. The party returned home Sunday afternoon.

POULTRY CULLING NEEDS YEAR AROUND ATTENTION

Poultry culling is practically a year-round process that begins with the selection of eggs for incubation and ends with the selection of new breeding hens for the following year, points out Noel L. Bennion, extension poultryman at Oregon State college, in a new extension bulletin, No. 673 on this subject.

While trap-nesting is the only method of checking production as a basis for culling, it is not practical for the general farmer or commercial poultryman, Bennion says. The next best way is to study and apply the principles of culling to avoid keeping at a loss the low producing and unprofitable hens in the flock.

Culling is profitable only when the flock is given uniform and sensible care, he adds. A daily egg record is a valuable asset in intelligent, accurate culling. Copies of the illustrated bulletin are available from any county extension office.

County Agent

Continued from first page
ables that would not otherwise be included in the diet. Get out your garden tools now. It's planting time, so let's move forward at once to a better 1947 home garden.

Roy Robinson, rancher in the Lone Rock community, reports an excellent kill of grubs in his cattle by spraying with rotenone. Mr. Robinson was one of the approximately 30 Morrow county ranchers who treated his cattle for grubs during the month of February. He reports that one spraying seems to have killed all grubs but that he is treating again to be sure that none escape to hatch into heel flies and eventually more grubs.

A recent experiment conducted by the North Dakota Agricultural college proved that grub-free animals gained 43 pounds more weight than those infested with grubs. Nineteen yearlings were used in a six months experiment. Grub-free cattle gained 136 pounds during the period with grub infested cattle making 93 pound gain.

INTERESTED in buying ewes with lambs at side. Accept delivery any time. Can load to 1000 pair. Accurate description, please. Frank Buckler, Pasco, Wash. Phone 458. 51c

FOR SALE—Electric water pressure system with 500-gallon tank. Newport, Kern & Kibbe, phone 2711, Lexington, Ore. 511c

March 20, 12:00, Mrs. Leonard Carlson, potluck luncheon.
Lena, March 21, 1:30, Mrs. Dallas Craber.

RESOLUTION OF RESPECT
It is with profound sorrow that Sans Societ Rebekah lodge No. 33 of the Independent Order of Odd Fellows adopts the following resolution:

Whereas, the Almighty Father has seen fit to call our beloved sister and faithful secretary, Lillian C. Turner, to her eternal rest, and whereas, her presence and help will be sorely missed, Therefore, be it resolved, that Sans Societ Rebekah lodge No. 33, in testimony of its loss and in expression of its love, drape the charter:

Be it further resolved that the deepest sympathy of the lodge be expressed to the family of our departed Lillian C. Turner, and be it further resolved that a copy of these resolutions be spread on the minutes of the lodge and that a copy be sent to the bereaved family.

Her life was no brief candle, continue to shine brightly for all who knew her.

Clara Gertson,
Mabel Chaffee,
Lucy Rodgers,
Committee.

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STAR REPORTER

Show Starts at 7:30. Matinee Every Sunday, 1 p. m.—3 p. m.
In compliance with the Federal Tax Requirement, Children's Admissions apply only to those under the legal age of 12.
Selected Short Subjects With All Programs
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FRIDAY-SATURDAY, MARCH 14-15
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A handsome young German shepherd dog and a talented youngster win through disaster to riches and happiness.

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