

AAA Committeemen To Hold Conclave At OSC

How to get the most out of the agricultural conservation program in improving Oregon's soil and water resources will be the major issue at the annual state conference of AAA county committeemen January 7-9, says R. B. Taylor, chairman of the state AAA committee. The conference will be held on the Oregon State college campus in Corvallis.

The 108 farmer committeemen from all Oregon counties attending the conference this year have greatly increased responsibilities for administration of the AAA practice program, Taylor said. They will select practices and approve farm allowances on the basis of conservation needs in counties, communities and on individual farms.

Important Job
Emphasizing the importance of the job facing committeemen in 1946, Taylor pointed out that a lot of soil fertility has been sent to war during the past three years of intensive production. Methods will be developed at the conference to assist farmers to rehabilitate these overworked lands and to prevent soil and water erosion. The objective, Taylor added, is to get the maximum in conservation for each dollar in practice payments.

The operation of other farm programs handled by committeemen will also come in for discussion at the three-day meeting. These include crop insurance, commodity loans, production goals, price supports and production payments.

D-D Seen As Control Of Eelworm

By A. E. GROSS
Supt., Klamath Experiment Station

Results of experimental work by the Klamath Experimental area on the potato nematode (eelworm) control this season indicate that a new chemical known as D-D (not DDT, the insecticide), is an effective control for the pest. D-D is a heavy unrefined organic liquid that diffuses readily in the soil as a gas and is toxic to plants as well as to many other microscopic plants and animals in the soil. It is applied directly to the soil by means of a specially constructed machine. It forces a number of continuous streams of material into the soil behind chisel like teeth. These chisels are spaced 15 inches apart and set to go 6 inches deep.

The common practice is to apply the D-D in the spring after the seed bed has been prepared for the crop. The material is dissipated in from 10 days to 2 weeks and planting should not take place before that much time has elapsed.

Benefits
Benefits of this material are twofold. It reduces the per cent of infested tubers and increases the yield. In these tests where untreated plots yielded 171 sacks of potatoes per acre with 63 per cent of them nematode infested, adjoining plots treated with 400 pounds of D-D per acre yielded 324 sacks per acre with only 13 per cent of them showing any nematodes. This makes a total increase of 218 sacks per acre of nematode free tubers on the treated area.

At the same time that the experimental trials were set up three field applications were made on farms. In two of these, where the soil was not disturbed for some time after application, the results were considered good. These field trials indicated that on some soils and locations at least 400 pounds per acre is required to get effective control.

D-D promises to be very good news for the farmer having nematode infested land. No previously known and tried chemical has shown as good control in Klamath county and the cost of the material often exceeded the value of the land. The only other practical control was one season of fallow with a winter grown greenmanure crop before each crop of potatoes. While this method was effective the year of fallow was also expensive. The Klamath Experimental Area plans to continue trials with this material to learn more about the amounts and conditions leading to its most effective use under these conditions.

At the present time only limited amounts of this material can be obtained, applied to the soil, for \$75.00 per acre for the 400 pound per acre treatment. It is probable, however, that the demand will exceed the supply for another year. There is a likelihood that the cost of the material may come down as its use and production goes up.

Market Trend Weekly

(Editor's Note: These reviews of current farm market crop and weather information are prepared each week by O.S.C. extension agricultural economists from market reports received over a USDA leased wire and from other official data. They cover different commodities each day and are available in cooperation with the county agricultural agent. They are published by the Herald-News as a service to the agricultural industry of Klamath county but are not intended to replace daily market news.)

Turkey meat production in this country has increased to a new record of about 650,000,000 pounds dressed weight, which is 100,000,000 pounds above last year and 300,000,000 above the prewar average. A prospective favorable price and demand situation early in the year influenced the expansion.

Civilians have benefited directly from this rapid expansion, military requirements were filled much earlier this year than heretofore, with total needs below those of last year. Thus record amounts of turkey will be available for the Christmas holiday trade.

Turkey markets on the Pacific coast were mostly firm during the week ending December 12. A week later, prices appeared steady but buyers are inclined to hold closer to the inside of the range and continue to buy in small quantities, while young hens were 41 cents dressed.

Prices continued to be heavy, tons were rather slow sale with undergrades not wanted. A change of storage facilities and an unfavorable factor in the east as well as the availability of a large crop of chickens.

Interest in chickens at most Pacific coast markets has tapered off during the past few days as buyers again move to the front in preholiday demand. Portland, Seattle, and San Francisco all report a liberal supply of young birds, especially fryers. On occasion, they have been in excess of storage facilities and have moved to freezers. Offerings of fowl on the other hand, have been reduced to a minimum.

Egg markets throughout the nation are firm, with prices in the range of 12 to 13 cents per dozen. December 12, even though production made substantial gains in some areas. Prices were firmly pressed against ceilings. The seasonal downward trend in ceiling prices on the Pacific coast is expected to begin tomorrow, December 13, when the ceiling on grade B eggs drops one cent.

B eggs are scheduled to drop another cent and grade A's 2 cents. From then on, almost regular weekly declines in ceiling prices are scheduled until a seasonal low is reached during the first week in March.

Fog Machine Using DDT Slays Flies

Successful use of DDT in a mechanical fog making machine for the control of flies, cockroaches, "silverfish," sow bugs and other miscellaneous insects has been accomplished in experiments conducted this last summer and fall by the entomology department of the Oregon State college experiment station, reports Dr. Don C. Mote, head of the department. The work was carried on by H. E. Morrison, assistant entomologist, and W. B. Rasmussen, research assistant.

Using a machine supplied by the Beesler corporation at Emeryville, Calif., the large milking wing of the college dairy barn was treated in just five minutes operation with the use of only 33 gallons of mixture. After 65 days the few flies that still entered the barn would soon drop to the floor dead.

Mixture
The mixture used was made by dissolving five pounds of 6 per cent technical grade DDT powder in 23 gallons of xylol, an organic solvent, and then adding this to 12 1/2 gallons of kerosene to make 15 gallons of total mixture. While ordinary kerosene is just as effective, the odorless type was used in the experiments because it could also be used in

houses, food laboratories and kitchens, which were also included successfully in the tests. These mechanical fog making machines are a wartime development which combine the insecticide with live steam. They are expected to find an important place in farm insecticide control, according to Morrison. He found that this type of spray successfully controlled the 12-spotted cucumber beetle on corn, and, with a combination DDT and nicotine, it handled hop aphid.

In the fly control experiments, the fog was used in buildings housing chickens, hogs, dairy and beef cattle, sheep and goats, sometimes without removing the animals, with no harmful effect whatever observed. A circular of information giving more details of the process will be published by the experiment station in advance of the fly season next spring.

FAITHFUL
FAIRFIELD, Calif., Dec. 20—When Thomas E. Buker was buried here on August 8, his black shepherd dog lay down on his grave. E. M. Pendleton, cemetery caretaker, reported the dog has been there ever since, leaving only to get food provided by cemetery employes.

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Holt To Head Stock Show

PORTLAND, Ore., Dec. 20 (AP)—Walter A. Holt, former Umatilla county agent, will manage the 1946 Pacific International Livestock Exposition here, it was announced today.

T. B. Wilcox Jr., president of the sponsoring group, reported Holt would move to Portland early in February to devote his full time to preparations for the show scheduled for Oct. 5-12. Holt resigned the county farm post at Umatilla county last

Thursday, Dec. 20, 1945 HERALD AND NEWS—EIGHT
year to engage in farming in the Pendleton district. Wilcox announced at the same time the exposition building used during the war to store lend-lease material will be renovated and remodeled before the exposition opens.

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Food Goals For 1946 Set By Anderson

Preliminary goals for food production in 1946 have been made by the department of agriculture. Secretary Clinton P. Anderson suggests production goals for each state on the basis of marketing requirements, farm production facilities and soil conservation needs, with the further suggestion that these recommendations be adjusted by the state counsels to suit local conditions. Local recommendations are then sent back to the department. As soon as recommendations are received from all states, final goals will be announced by the secretary soon after the first of the year. The preliminary goals as set by the department had up to 356,000,000 acres, or five and a half million acres more than farmers planted in 1945 but a little less than the goal set for 1945.

Secretary Anderson pointed out the need for food is great both at home and abroad and that it is necessary to have high production of those commodities still in high demand as a result of the war. He indicated also that these goals show an improved balance between soil depletion and soil conserving crops. Of all suggested increases the biggest is in sugar beets with a 31 per cent increase in acreage. Feed grain remains practically the same or in some cases a little higher, and soybeans are recommended for a slight decrease.

Sales Of E Bonds Continue To Rise

PORTLAND, Dec. 20 (AP)—Sales of E victory bonds continued to climb today as sales committeemen offered 550 more pairs of nylon hose to buyers of \$1000 bonds. Yesterday's sales of \$450,000 boosted the state's "E" total to 92.7 per cent of quota. One male purchaser of \$10,000 in bonds cornered 10 pairs of nylons.

Alsike Clover Market Active

Government reports on movement of alsike clover indicates that this movement was very active between October 15 and November 15. It was estimated that 81 per cent of commercial alsike crop had been sold by growers up to the middle of November, compared to 71 per cent last year, and a five-year average of 67 per cent. Prices remain the same as the previous month and were considerably in excess of the five-year average. National prices were \$28.17 per hundred pounds as compared to a five-year average of \$17.41. Average price for Oregon grown alsike was \$30.85. While average prices for eastern Oregon were not given, these were somewhat in excess of this figure, and generally at \$31.10.

The movement of red clover showed a similar condition, with Oregon red clover seed bringing an average price of \$33.25 per hundred, which was 70 cents higher than a year ago, and the highest price for red clover in the nation.

ORGANIZE
BEND, Dec. 20 (AP)—Auto court owners here have organized the Bend Auto Court association to promote tourist trade and cope with federal control problems.

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