

FARM CO-OPERATIVE DIVISION

A MESSAGE TO EVERY MEMBER.

NAPHTHALENE FOR WIREWORMS

Wireworms are a worm-like larva, with a hard, smooth, reddish-brown surface. They are from one-half inch to an inch in length. The eggs are deposited in grassy lands, and the young worms feed on the grass roots. They spend from two to five years in the soil as wireworms before they become mature. The corn wireworm appears to be the most troublesome on heavy, poorly drained soils. One of the most effective control methods for wireworms is through the use of Naphthalene. This should be put in the ground under the seed, using about 800 pounds to the acre for potatoes and 200 pounds to the acre for shallow root crops. This will give a three to five year control. A 100 percent control may be secured if Naphthalene is properly applied.

Naphthalene should be put in the ground in June or July for the next year control as this will destroy the larvae when hatched.

POTATO BEETLE CHECKED BY SPRAY

It is the time of the year to be thinking about control of the potato beetle. These insects pass the winter in the soil as adult beetles and appear in the fields about the time the early potatoes are sprouting. They feed on the tender tips of the young plants, and after a few days begin to deposit their eggs in compact masses on the under surface of the leaves. When they hatch they can be detected by their deep reddish color. It is at this stage that they attack the foliage of the potato plant.

Standard sprays are the treatment for potato beetle. Usually two applications are necessary for their control. The first spray is applied as soon as the beetles appear on the young plants and the second should follow about two weeks later. Lead arsenate is a very good spray to use. The mix consists of two pounds of powder arsenate of lead to fifty gallons of water. When smaller quantities are advisable use 2-3 ounce or ten level teaspoonfuls to one gallon of water. In preparing the solution the arsenate of lead should first be made up into a thin paste by the addition of a small quantity of water and then diluted to the required strength.

Co-operative Council Meeting.
The annual meeting of the Co-operative Council of Hermiston will be held in the assistant county agent's office, May 7, 8:00 p. m. This is a very important meeting and each councilman should be prepared to discuss problems effecting his organization. New officers will be elected at this meeting.

Soil Conservation Notice.
All farmers who signed up on the Agricultural Conservation program for 1936, having soil conserving crops which were winter killed or destroyed by drought for the period beginning July 1st, should list the number of acres with the assistant county agent on or before May 1st. Forms for this purpose are in the office of assistant county agent for your convenience.

Pomona Grange.
Pomona Grange meeting will be held Thursday, May 6th, in Cold Springs Grange hall with a very interesting program planned. State Master Ray W. Gill will be the speaker and all Grangers are urged to attend.

Locust Seedlings Arrive.
The shipment of locust trees arrived this week and are being distributed to the farmers who placed orders some time ago. The college nursery at Oregon State college was not able to deliver full orders but refunds will be made. The delay in shipment was due to heavy rainfall.

Tree orders from all sections was doubled over last year and more than the college could supply. The plan is to plant a larger acreage next year.

Club Sponsors Card Party.
The Home Economics club of the Westland Grange will sponsor a card party at the Westland Grange hall Saturday night, May 1st. There will be tables for bridge, pinochle and five hundred and prizes will be given for all three games as well as a door prize. Admission will be twenty-five cents for each person, and refreshments will be served. Dancing will be enjoyed following the supper hour.

CANNING SCHEDULE

We will can asparagus every day next week. Other canning done by special arrangement with the manager.

Hermiston Co-op. Cannery.

Cooperative Marketing.

The Master of the National Grange, L. J. Tabor, recently made the following statement: "Cooperative marketing robs no man or group and rewards its patrons in accordance with their intelligent use of the principles involved. Those who fear that modern business life can crush agriculture and leave peasants upon our soil have forgotten that the farmers and the small producer, and also the small consumer, can combine their dollars, their brains, and their productive power along mutual lines and match the millions and the leadership of our greatest corporations."

HOMEMAKERS DAY SCHEDULED

The second annual homemakers day has been set for May 11th, says Miss Frances Clinton, Home Demonstration Agent, in Umatilla county. The meeting will be called for all day in the Little Theatre of the Vert Memorial building at Pendleton.

Miss Izola Jensen, Recreation Specialist from Oregon State college will discuss "Family Fun" in the morning session. Miss Joan Patterson, House Furnishing Specialist, also from Oregon State college will discuss and demonstrate "Wall Paper, the Imitator" in the afternoon session. Exhibits of home extension work and hobbies of homemakers will be on display throughout the day. A nursery will be in charge of a competent woman where mothers may leave children while they attend the meeting.

Luncheon will be served at noon, arrangements for which will be announced later. Election of three members to the county home extension committee will be part of the day's activities. Any woman interested in the program is welcome to attend.

4-H CLUB NEWS

Considerable interest is manifest in crops projects this year with eight or ten boys and girls enrolling in the forage crop clubs. Clubs of this type work in very nicely with all livestock clubs in that it gives the boy or girl some assurance that they will have ample feed to carry livestock through. It also gives some idea as to the cost of raising different crops and marketing the same through livestock. Special weed clubs will be worked in conjunction with the crops projects. Those boys and girls who do not have sufficient acreage to carry one of the crops projects this year can enroll in the weed club and be prepared this fall or next spring to sow a small grain or pasture crop for a project the coming year.

The first meeting of all 4-H livestock clubs will be held Saturday, May 1st, beginning at 9:00 a. m., at the assistant county agent's office.

The purpose of this meeting is to familiarize boys and girls with the fundamentals of judging all classes of livestock. A trip will be made to the Umatilla Experiment Station where a number of Jersey cows will be judged. A trip is also planned to the Jake Rueber ranch at Stanfield where several classes of ewes will be judged. If there are breeders in the area where suitable classes of beef animals and hogs can be obtained, one class of each of these will also be judged. Jay T. Pierson, assistant county agent, will go over the important points to consider in judging all livestock with each of the club members.

All livestock 4-H club members are urged to attend this meeting because it marks the beginning of our competition among the different individuals in the various clubs for judging work this year. Each boy and girl will be required to turn in placings on the different classes of livestock at each judging practice meeting. The high scoring club team will be chosen to compete at the state fair and the local fair later in the season.

Before clubs may complete the year's work 100 percent, it is necessary that a judging team or a demonstration team be developed during the year. All day meetings such as this will enable each of the clubs to select a team for judging work. Demonstration teams will be selected in the near future through similar competition.

R.E.A. DIRECTORS WILL MEET FRIDAY

A meeting of the directors of the local rural electrification project has been called for Friday, April 30, at 8:00 p. m., at the assistant county agent's office. Word of the acceptance of the R.E.A. project is expected most any day from Washington, and it is necessary that the local board of directors be ready to accept it when approved. It will be the duty of the local board of directors to hire an engineer immediately after the project is approved. Watch your local paper for further developments.

LOCAL 4-H CLUB LEADER'S CONFERENCE

Sponsored by Extension Service and Experiment Station, Oregon State College, Union, Ore.

MAY 3, 4, 5; 1937

PROGRAM

Monday, May 3

11:00 A. M. General Assembly, Union Hotel, H. C. Seymour.
12:00 M. Luncheon, Union Hotel
Women Leaders, Union Hotel
1:30 P. M. Undergarments, Miss Eileen Purdue.
3:30 P. M. Recreation, Miss Frances Clinton
3:45 P. M. Round Table discussion, Miss Helen Cowgill
4:15 P. M. Sing Awhile, Miss Frances Clinton
4:30 P. M. Pointers for Food Club Leaders, Miss Helen Cowgill
5:30 P. M. Get Acquainted

Men Leaders, Experiment Station
1:30 P. M. General, L. J. Allen
1:45 P. M. Eastern Oregon Experiment Station, Its History and Objectives, D. E. Richards
2:00 P. M. Forage and Seed Crops in the 4-H Club Program, G. R. Hyslop
3:00 P. M. Field Crops in Relation to Livestock Feeding, D. E. Richards
3:30 P. M. Tour of Crops Experiment Station

All Leaders
6:15 P. M. Dinner, Union Hotel
7:30 P. M. Training for Recreation, Miss Frances Clinton
Tuesday, May 4
7:30 A. M. Breakfast
Women Leaders, Union Hotel
8:30 A. M. Outer garments—Selection of Patterns—Colors, Miss Eileen Purdue
8:30 A. M. Meal Planning—table setting—serving, Miss Frances Clinton
10:00 A. M. Recreation—games for indoors, Miss Frances Clinton
10:15 A. M. Records—Program planning—Exhibits, Miss Helen Cowgill
11:15 A. M. Round table discussion, Mrs. E. F. Wright, President, State Organization Local Leaders

Men Leaders, Experiment Station
8:30 A. M. General, H. C. Seymour
8:45 Livestock in the 4-H Club Program and outlook for prices, L. J. Allen
9:00 A. M. Feeding and Management practices—Results of Experimental Feeding, D. E. Richards
10:00 A. M. Tour of Livestock Experimental Feed Lots, D. E. Richards
11:00 A. M. Demonstration, Construction of Sheep Blanket, Clayton Fox and Robert Pierce
All Leaders
12:15 M Luncheon
Women Leaders
1:30 P. M. Outer garments, seams, fitting, finishing, accessories, Miss Eileen Purdue
1:30 P. M. Baking, Miss Helen Cowgill
3:20 P. M. Recreation, Miss Frances Clinton
3:45 P. M. Round table discussion, Miss Cowgill
4:15 P. M. Sing Awhile, Miss Clinton
4:30 P. M. Scoring, Judging, Miss Cowgill

Men Leaders
1:30 P. M. Fitting and training for the Show Ring, D. E. Richards
3:00 P. M. Cultivated field crops in the 4-H Program—Experimental Problems and special contests, G. R. Hyslop
4:00 P. M. Noxious Weeds in the 4-H Club Program, H. G. Avery
All Leaders
6:15 P. M. Dinner
7:30 P. M. Address, Dean Wm. A. Schoenfeld
8:30 P. M. Training for Recreation, Miss Frances Clinton
Wednesday, May 5
7:30 A. M. Breakfast

Women Leaders
8:30 A. M. Demonstration, Miss Cowgill
9:30 A. M. Recreation, Miss Clinton
9:45 A. M. Canning, Home-making and Room Improvement Projects, Miss Cowgill

Men Leaders
8:30 A. M. Livestock Judging
All Together—Union Hotel
11:00 A. M. General Assembly
Address, F. L. Ballard, Vice Director of Extension
11:30 A. M. Leader Problems, H. C. Seymour
12:15 P. M. Farewell dinner
Short talks and discussions

PEN-FED BIRDS AND BROILERS

Very large turkeys, 18 pounds and upwards, sold at a slight discount the past season, though the demand was greater than for the past five or six years. Turkeys above 16 pounds are too large for most city family stoves and roasting pans, and families are not large enough to consume the heavy birds readily. For the hotel and restaurant trade they are, of course, very acceptable, but it is doubtful if the demand for very large turkeys will ever reach big volume, even when buying power is high. It would seem that growers should try to grow as many birds as possible in the 10 to 16 pound class.

One exception to the rule about heavy toms was noted during October. Supplies of heavy birds ran low and there was an active demand for those weighing above 16 pounds. As Thanksgiving approached, the heavyweights shifted from a premium to a discount basis.

Pen-fed turkeys are a recent development. A large part of the pen-feds were matured several weeks ahead of the holiday trade and found a receptive market, for prices were better early in the season. Under certain conditions pen feeding may pay, but the production cost is greater.

Broiler turkeys are another innovation. During the past three or four seasons a demand for broiler turkeys has been developing gradually. The demand seems fairly well spread out through the year, and increasing quantities can undoubtedly be sold from season to season. But they are a specialty, and producers must plan to meet the exacting requirements.

Chance for Top Prices.
An abnormal crop of turkeys plus the exceptionally heavy marketings of chickens and fowls late in 1936 were the chief causes of the unsatisfactory prices this past season. If next season's turkey production can be reduced 10 to 15 per cent, prices should be materially higher than in 1936, possibly approximating those of 1935. A short crop would probably result in the best prices since the twenties.

Low prices for eggs because of unseasonably mild January weather plus the unfavorable egg-feed ratio may reduce hatchings this spring. In that event competition from chickens would be less than in 1936.

NEW SOIL DEPLETING BASES SUBMITTED

New soil depleting county bases for the 1937 agricultural conservation program have been reviewed and compiled by the state AAA committee for Oregon and were forwarded to Washington for final approval late in April. In compiling the bases the committee worked with two representatives of the western regional AAA office, who, after completing the task in Oregon went on to Washington and Idaho to work with those state committees.

Comparatively minor changes were made in the totals submitted by the 36 county committees, according to N. E. Dodd, chairman of the state committee. County committees had made adjustments caused by changes in crop or practice classification before the listing sheets were submitted to the state committee.

Final approval of the new bases is expected early in May and as soon as this is received the figures will be reported to the counties together with the adjustment in county productivity rates.

Vetch has been definitely included as one of the legume crops for the planting of which Oregon farmers may receive soil building payments under the 1937 agricultural conservation program. Uncertainty over this feature was settled recently through personal conferences between F. L. Ballard, vice-director of extension, and officials of the AAA in Washington, D. C. The inclusion of vetch will mean upwards of \$100,000 to Willamette valley farmers, according to estimates made by the state AAA committee.

While in Washington Mr. Ballard also obtained the correction of an error by which Wasco county farmers had been charged with \$26,000

in excess expenses in conducting the program in that county. While purely a clerical error, the mistake had proved difficult to correct at long range.

Mr. Ballard while in the east also served on a special committee which called upon Secretary of Agriculture Wallace to discuss relationships between the extension service and other agencies of the department of agriculture.

Soy Bean Meal Ration

Poultrymen can reduce the costs of rations for chicks and for the laying flock by substituting pressure-cured soy bean meal for part of the high priced ingredients that are used to furnish the birds protein, according to R. E. Cray, poultry specialist at Ohio State university. Dried milk and meat scraps, two common materials used to furnish protein in poultry rations, cost more than the soy bean meal; the cost of the ration is important.

Fattening Ducklings

The Pekin is the most desirable breed when ducklings are wanted to mature early as green ducks. They are good feeders and rapid growers, and respond to special methods of feeding, says the Montreal Herald. Frequent feeding promotes rapid growth. Young ducklings should be fed six times daily from the start until they are about 18 to 20 days old, and five times daily during the growing and fattening period.

WANT ADS

FOR SALE OR TRADE FOR LIVESTOCK—Model A Panel Ford, '31 model; P. F. Rohr, Pendleton, Ore., or Chas. Clark, Hermiston. 36-31p

FOR SALE—BROWN SWISS BULL, 2 years old, L. A. Thompson, 3 1/2 miles east of Stanfield. 36-31p

WANT BEST LIGHT COUPE, \$200 will buy. State all first letter. Write Hermiston Herald. 36-11p

WANTED—A COAL BURNING brooder for 100 turks. Write Geo Curran, Echo, Ore. 36-31c

FOX FEED HORSES—WANTED. Phone 254, Echo, or write A. Hackbarth, Echo, Ore., and I will call on you. 42-pd.

FOR SALE—A LADIES' DIAMOND ring. Inquire at Herald office. 35-31p

FOR SALE—2 SETS GOOD HARNESSES; Collars; one Big-6 Mowing Machine, good shape. G. G. Smith, Stanfield, Ore. 35-31c

TOMATO PLANTS FOR SALE AT Mrs. Geo. Briggs home, B. S. Kingsley, Hermiston. 35-11c

PASTURE FOR RENT AT McCOMAS Island. See Ben Fix or inquire at Island. 35-31p

WEANER PIGS—NOW READY. Chester Whites. Guy Cronk, Hermiston, Ore. 33-31p

LIFE COMPANIONS—OUR DIGNIFIED method assures happiness. No names published. Write for particulars. Eureka Club, 1233 SW Hall, Portland, Oregon. 35-31p

I AM IN THE MARKET AGAIN for wool as soon as sheared. Would like to talk to former customers and farmers who will have wool this spring. E. P. Dodd, Hermiston. 32-31c

Call for Warrants.

School District No. 26-51 in Morrow and Umatilla counties, State of Oregon, hereby call warrants Number 230 to 247 inclusive, issues of 1935 payment. Payment will be made at the First National Bank of Pendleton, Pendleton, Oregon. Interest ceases April 23, 1937. MRS. BERNICE WATTENBURGER, District Clerk.

CITATION.

In the County Court of the State of Oregon for Umatilla County.

In the Matter of the Estate of C. M. Jump, Deceased.
TO: Catherine P. Jump; Howard A. Jump; Addie R. Jump; Treakle; Lola L. Jump; R. Lester Jump; Wm. F. Jump, also all other heirs unknown, if any there be of C. M. Jump, Deceased.

IN THE NAME OF THE STATE OF OREGON

You and each of you are hereby cited and required to appear at the office of the County Judge of Umatilla County, Oregon, in the County Court House, Pendleton, Umatilla County, Oregon, within twenty-eight (28) days from the date of the first publication of this citation, to-wit, on the 15th day of April, 1937, and show cause, if any exists, why the judge of the above court should not grant the prayer of the petition filed herein by Frank Sloan, as administrator of said estate, praying that he be authorized to sell at private sale, in the manner provided by law, upon such terms and conditions as the court may deem proper, the following described real property, belonging to said estate, to-wit: The SW 1/4 NW 1/4 SW 1/4, lying North and West of the Furnish Ditch in Section 9, Township 4 North Range 29 E.W.M., and the interest of said deceased in and

to a contract for purchase of that part of the N 1/4 NW 1/4 SW 1/4 lying North and West of the Furnish Ditch in Section 9, Township 4 North Range 29 E.W.M., Umatilla County, Oregon.

This citation is published pursuant to the order of the Hon. Carl W. Chambers, Judge of the above entitled court, entered herein on the 13th day of April, 1937.

WITNESS the Hon. Carl W. Chambers, Judge of the above entitled court, with the seal of the court hereto affixed this 13th day of April, 1937.

E. B. CASTEEL,
County Clerk of Umatilla County, Oregon.
By Jessie M. Bell, Deputy.
(April 15-May 13)

Land Sale Notice.

NOTICE IS HEREBY GIVEN that the undersigned, Sheriff of Umatilla County, Oregon, by virtue of an order duly made and entered herein by the County Court of Umatilla County, Oregon, on the 5th day of April, 1937, will, on the 8th day of May, 1937, at the hour of ten o'clock in the forenoon, sell to the highest bidder for cash in hand, at the front door of the Umatilla County Court House, Pendleton, Oregon, subject to a minimum price of \$40.00 therefor, to be paid in cash, at the time of sale, the following described parcel of land, heretofore by Umatilla County, Oregon, acquired for delinquent taxes, to-wit:

SW 1/4 of SW 1/4 Section 23, Township 5, North Range 29, E.W.M., Umatilla County, Oregon.
R. E. GOAD, Sheriff
of Umatilla County.
(April 8-May 6)

Get Your Lumber, Cement and Nails at Wholesale Prices by Ordering from J. C. HOSKINS, Stanfield, Ore. Phone 28F4

W. L. Morgan, D. M. D. General Dentistry X-Ray and Diagnosis Bank Bldg. Phone 9-J Residence Phone 25-J Sunday and Evenings by Appointment

FARMERS AUTOMOBILE Inter-INSURANCE Exchange C. A. JACKMAN, Local Agent All Kinds of Auto and Truck Insurance Hermiston - Oregon

WATCH - CLOCK REPAIRING A. W. BEHRMAN WATCHMAKER HERMISTON OREGON

RADIO NOISE ELIMINATED FOR PARTICULARS SEE Radio Louie

DR. A. E. MARBLE CHIROPRACTOR Office: Two doors west post office Office Hours: 8 to 12 - 1:30 to 6 Phone 481 - - Hermiston, Ore.

Hermiston Post No. 37 Meets first and third Thursday, Legion Auxiliary meets second and fourth Thursday. Legion Hall.

V. R. "Bob" RUNNION AUCTIONEER FARM SALES AND LIVE STOCK A SPECIALTY Make Dates at My Expense Heppner, Oregon Phone 452

Dr. A. C. Willcutt OSTEOPATHIC PHYSICIAN & SURGEON OSBORN APARTMENTS

PETERSON & PETERSON ATTORNEYS AT LAW U. S. National Bank Building Practice in State & Federal Courts Pendleton, Ore.

DR. F. B. BELT PHYSICIAN & SURGEON Office Hours: 10:30 to 12:30 A.M. Hours by 2 to 5 P.M. Appointment Res. 712 - PHONE - Office 733

W. J. WARNER Attorney-at-Law Hermiston - Oregon