

NEWS OF FARM LIFE

GRANGES

COUNTY AGENT'S REPORTS

CROP NEWS

DEPARTMENT OF AGRICULTURE NEWS



WEED CONTROL AID SEEN IN PROJECT

Manufacture of Chlorates at Bonneville Means Soil Conservation.

Support for the proposed project to establish a government plant for the manufacture of chlorates at Bonneville using surplus power was promised by Representative Walter M. Pierce, recently at a special weed meeting held in Baker county.

With many valuable fields having to be abandoned because of the inroads of perennial weeds such as white-top, such a project would be a real soil conservation measure, it was pointed out. Some have estimated that chlorates could be supplied farmers at around 25 cents a pound if produced in this manner.

In discussing weed killing chemicals, authors of a recent bulletin on perennial weed control in Oregon point out that sodium chlorate comes the nearest to being an ideal weed killing chemical among those now in general use. Other forms of chlorate are on the market but are not so effective as sodium chlorate.

Must Control Roots

Under most conditions, the chlorates will positively kill the weeds if enough of the chemical is applied. At first it was thought that the plants were killed only as a result of the absorption of the material by the leaves. But for the past eight years or more it has been known that most of the killing was due to contact of the chlorate with the roots of the plant. Since this is the case, any condition which prevents contact with the roots will prevent success of the method.

Places where it does not work satisfactorily include steep slopes where water washes the chemical down the hill, gravelly subsoils where the chemical is soon washed away, overflow and swampy locations, peat soils or staked bottoms with excessive organic matter, areas with a fluctuating high water table, and soils with such hard surfaces that they resist penetration.

Numerous findings that make the use of chlorates in weed control more effective are listed in the new bulletin, as well as precautions necessary to safe use of chlorates. The fire hazard with this type of chemical is particularly important unless most rigid precautions are observed. Extension bulletin 510, "Control of Perennial Weeds in Oregon," may be had free at extension offices.

News of 4-H CLUBS

Two stock judging teams of three boys each are being taken Wednesday by County Club Agent E. A. Britton to Corvallis, where they will judge two classes each of beef cattle, dairy cattle, hogs and sheep in a practice judging in preparation for the State Fair judging contest.

The team which places highest in this practice Wednesday will represent Douglas county at the State Fair, where the members will be guests of the State Fair board.

The second and last of the livestock judging tours was completed Saturday, when 27 boys returned home from the Coos and Curry livestock judging tour.

This group met with boys of Coos and Curry counties and visited a number of farms and judged stock on some of them.

The boys, if perfect, would have secured 100 points. The following scores give the standing of each member: Harry Anderson, 265; Paul Anderson, 265; Art Bartlett, 250; Jim Britton, 250; Dean Eckes, 155; Dean Fogel, 150; Gene Fox, 310; Terrance Hodges, 220; Glen Hunter, 205; Robt. Insley, 250; Spencer Johnson, 175; David Jacoby, 175; Bud Manning, 190; Douglas Manning, 235; Clyde Martin, 225; Howard Manion, 250; Dwight Morgan, 280; Walter Mader, 220; Chas. Minter, 205; John Pettequin, 210; Leslie Southwick, 265; Eyd Stephens, 235; Cecil Thompson, 220; Ward Todd, 225; Don Wilson, 260; Meredith Wilson, 205; Tom Zoster, 205.

Ladain Ritchie, Walter Marks and Raymond Starr met last Wednesday evening and decided what to include in the hog demonstration which they plan to give at each of the five community fairs. Today they are building equipment to be used in the demonstration and will begin tomorrow to handle the hogs which will be used so that they will respond well during the demonstrations. There is considerable interest throughout the county in this demonstration so it is expected that there will be quite a number on hand at each fair to see it.

County Club Agent Britton has a request from an eastern concern for Douglas fair and other north-

Headed For State Fair



Two hundred head of the wildest of eastern Oregon's wild horses were recently rounded up near Burns. The "ornierest brones" will be shipped to the Salem fairgrounds where they will appear in the "bucking contest" which will be a feature of this year's Oregon State Fair, September 5 to 11.

Project Victor From Roseburg High Will Demonstrate at State Fair

After becoming a local winner, Donald Harmon, 15, Future Farmer from Roseburg high school, was recently notified by Earl R. Conley, state supervisor of agricultural education, that his Smith-Hughes home project had been selected as one of the best twenty in the state. This announcement was made after agricultural representatives from the state board for vocational education and Oregon State college had visited Donald's home and compared his farm project with that of other agriculture students in 48 high schools where Smith-Hughes agriculture is taught.

In making the selection, the judges considered the boy's home opportunities, improved project practices and methods the boy followed in managing his farming activities. Donald will be allowed to demonstrate his project in a booth exhibit at the state fair for further project honors.

Donald has 100 White Leghorn hens and 100 pullets for his project and practices some of the latest approved methods in raising poultry. He uses an O. S. C. bottom-heated electric brooder, purchases sexed chicks and uses a wire sun porch which is attached to the brooder house. In order to prevent disease among his chicks, he practices keeping the growing chicks on clean ground each year. He had only a six per cent loss in brooding and rearing of his pullets this year.

Donald is the son of Mr. and Mrs. R. L. Harmon, who live on a 25-acre farm in Riversdale.

western evergreen seed or cones. Any 4-H club members carrying a forestry project are eligible to gather this seed for this concern which expects to pay for the same.

The first club to be organized for the coming year is that of Calabau trail school, taught by Mrs. Katherine Cory. This is a health club and includes all the members of the school who are old enough to be club members. They are Roland and Elaine Hill, Elaine Bird and Arthur Davison. Elaine Hill, an 8th grader, is also carrying a marketing project.

The I. Can, You Can 4-H club of Garden Valley met Wednesday, August 17, at the home of Patricia Douglas. Mr. Britton, who was a guest at the business meeting, answered questions concerning exhibiting canned fruit at the Sutherlin fair and told how to select fruit for display.

After the business meeting, games were enjoyed and delicious refreshments were served by the hostess, Patricia Douglas, to Annette Calkins and Charlotte Knapp, guests; Jean Ritchie, leader; Velma and Dorothy Crocker and Jean and Laurence Winniford, club members.

The J. A. Rhoads home at Days Creek was the scene of a canning club meeting August 12, where Alice Mae Welch presided in absence of the president.

After the business meeting, the time was spent in looking for new recipes in magazines.

For the next meeting there will be several demonstrations. The teams are: Maxine Wright and Josephine Wright, Alice Mae Welch and Marjorie Wright, Betty Rhoads and Gene Rhoads and Wiltha Hutchinson and Mildred Spore.

A new member, Wiltha Hutchinson, has made good progress in her canning.

Everyone is eagerly looking forward to the community fair in Canbyville, August 27. There will be only one day at the fair this year. Everyone is urged to have their exhibits there at 10 a. m.

SPRAGUE OUTLINES THINGS HE FAVORS

TILLAMOOK, Aug. 20.—(AP)—Oregon forests, agriculture and power should be developed to their utmost, Charles A. Sprague, Salem, republican gubernatorial candidate, told a Tillamook fair crowd yesterday.

He advocated development of additional industries to facilitate Oregon forest products, urged diversification of agriculture, complete utilization of Oregon power resources, a balanced economy and adequate old-age pensions.

HARVEST CARNIVAL DATED AT KELLOGG

KELLOGG, Aug. 22.—The home economics club of Kellogg grange is sponsoring an outdoor harvest carnival on the evening of Friday, August 26, at Fisher's grove. The club has arranged an interesting program and also will sponsor numerous entertainments and refreshment booths. The event is open to the general public.

FERTILIZER VALUE OF BORON SHOWN

Alfalfa Crops in Western Oregon Benefited, Beet Canker Controlled.

CORVALLIS, Aug. 22.—(AP)—Boron, the distinguishing element in boric acid and borax, promises to become a valuable fertilizer element for certain crops in western Oregon as sulfur has proved to be in eastern Oregon, as the result of discoveries just announced by Dr. W. L. Powers, head of the soils department in the Oregon experiment station.

Both boron and sulfur are so-called "minor" elements, so far as plant nutrition is concerned, as they don't belong to the "big three" group of nitrogen, potassium and phosphorus.

When Oregon soil scientists discovered back in 1912 that alfalfa in southern and eastern Oregon needed sulfur it meant an average of a ton more to the acre on 100,000 acres of alfalfa in Oregon alone at trifling cost. Now Dr. Powers has just demonstrated that boron, applied in small amounts per acre, will cure or prevent yellow top of alfalfa in western Oregon which on many soils makes the difference between a good third crop and none worth cutting.

Canker Controlled
Dr. Powers has also just announced that boron applications have given practically complete control of "breakdown" or "canker" in table beets, a trouble that has become a serious menace to the beet canning industry in the state. As little as 30 pounds per acre applied at the time of the first irrigation this season gave 56 per cent control of the canker. No other treatments did any good. This is the first known use of boron for this purpose.

Possible use of boron for yellow top of alfalfa had been reported by an eastern investigator, leading Dr. Powers to attempt it here. On greenhouse alfalfa plants he cleared up the trouble in a few days in May, 1937.

Alfalfa Yield Aided

Field trials were then undertaken which have since given startling results. On the Hagg Bros. farm in Washington county boron applied 13 months ago gave a third cutting this year twice as fall and four times the weight of untreated adjacent parts of the field.

An application made after the second cutting on the Howard Deltan farm just south of New Era on July 23 of this year gave such quick results that it is easily seen from the road—the treated portions being dark green and thrifty. The trouble shows up more in dry seasons and is attributed by some merely to dry weather.

Dr. Powers estimates that on soils where yellow top is prevalent growers may easily add a ton of hay to the acre in yield at a cost not to exceed \$1 an acre. Early spring application on a field basis will give protection at least two seasons and perhaps longer, the time limit not yet being determined.

OREGON FOX, MINK WORTH HALF MILLION

CORVALLIS, Aug. 20.—(AP)—Oregon's fox and mink pelt industries are worth a half million dollars, the Oregon Fox and Mink Breeders' association told 75 west-

PEACH TWIG BLIGHT CONTROL ADVISED

Bordeaux Mixture Spraying Suggested to Eradicate Harmful Disease.

Peach twig blight, a fungus disease of peaches and apricots, causes serious damage to peach trees and often results in a short crop or loss of the coming season's crop unless adequate control measures are taken by growers. The fungus disease damages and kills the previous season's growth and in extreme instances may entirely ruin peach and apricot trees. The fruit and leaves are not immune from attack in the spring, states County Agent J. Roland Parker. As the leaves and fruit are developing, the disease shows up as small red-like spots on the fruit and when numerous enough a scabby condition of the fruit results. On the leaves small red spots appear, later turning brown and dropping out leaving small holes in the leaf. Severe attacks of the fungus at times will cause the leaves to fall.

The disease is spread by wind borne spores and with the first fall rains attack the new growth. Heavy dews or fog also creates favorable conditions for the spread of the disease. It attacks the new growth, blights the buds, and cankers the twigs destroying the fruiting areas of the trees for the coming season.

SUBSIDIES FOR CORN, WHEAT TO INCREASE

WASHINGTON, Aug. 22.—(AP)—Wheat and corn growers will receive increased subsidies next year, for compliance with federal acreage payment.

Wheat farmers will be offered from 26 to 30 cents a bushel—compared with 12 cents this year—for reducing their 1938 planting by 31 per cent to keep within the 55,000,000 total wheat acreage allotted under the agricultural department's program.

Corn growers will be offered 13 to 16 cents a bushel, compared with 10 cents this year. The 1939 rice subsidy was placed between 20 and 25 cents a hundred pounds against 12.5 cents this year.

Next year's subsidies for wheat and corn will include so-called "price adjustment" payments from the \$212,000,000 appropriated at the last session of congress. Including this amount, officials said they expected funds totaling \$712,000,000 to be available for the 1939 program.

Only growers who keep within acreage allotments can obtain subsidies.

AYRSHIRE COW AT OSC SETS RECORD

An Ayrshire cow owned by Oregon State college has established such a high lifetime production record that the breed association has obtained permission to show her this fall on the fair circuit throughout Oregon and western Washington.

Oregon Rena Douglas, born January 8, 1925, at the college, has produced 194,548.3 pounds of milk, containing 4059.95 pounds of fat, and is still a profitable milker. She holds many records herself, and is still a profitable milker, cord Ayrshire, Oregon Panetta Q, also bred and owned by OSC.

EXTEND SKIM MILK BUYING FOR RELIEF

The federal surplus commodities corporation has announced that it will purchase during the remainder of the present fiscal year a total of 30,000,000 pounds of dry skim milk for relief distribution and as an aid to dairymen. Last year the corporation spent \$1,322,000 for 21,520,000 pounds of skim milk, all of which was distributed among those in relief.

PRIZE MONEY FOR FFA INCREASED

SALEM, Aug. 22.—(AP)—Almost \$2,000 in prizes, a third more than last year, will be awarded to winners in the Future Farmers of America competition at the state fair here September 5 to 11.

Earl R. Conley, state supervisor of agricultural education, said there would be more entries than ever before.

The best Future Farmer teams will give daily agricultural demonstrations.

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POULTRY MEETING PROGRAM SHAPING

Directions for making home-made Bordeaux sprays are available at the county agent's office in bulletin form on request.

Although detailed programs are not yet completed, plans are shaping up rapidly for the third annual Oregon Turkey Industry convention and the fifteenth annual Oregon Poultrymen's convention, to be held on the OSC campus September 1 and 2, respectively.

Among the topics already on the program for the turkey convention, Thursday, September 1, will be "Breeding for Rapid Feathering and Early Maturity," by F. L. Knowlton, professor of poultry husbandry; a discussion on "Sharp Frozen Eviscerated Turkeys," led by H. E. Cosby, head of the OSC poultry department; "Future Markets for Turkey Broilers and Early Hatched Turkeys," by C. W. Norton of the Northwest Dairy and Poultry company of Portland, and a discussion of pullorum and coccidiosis in turkeys, by Dr. E. M. Dickenson, poultry pathologist.

The Oregon Poultrymen's convention on Friday, September 2, will hear W. T. Cooney, instructor in poultry husbandry at OSC, on the subject of "Rearing Sexed Pullets versus Pullets from Straight-run Chicks," and Professor Cosby on "The Fallacy of Exporting Eggs and Importing Dressed Poultry."

THURSDAY, FRIDAY, SATURDAY THE BIRTH OF A BABY

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Here is a Diesel tractor that fits the small operator's needs . . . small in cost and in operating cost . . . yet big in its ability to accomplish difficult farm work.

The D-2 Diesel pulls 3 plows under severe conditions and 4 in average soil . . . and it does it on less than 1 1/2 gallons of cheap diesel fuel per hour.

Fuel savings are as much as 75%. Better apply this money saver to your farming operations.

DOUGLAS COUNTY Farm Bureau Co-op. Exch. ROSEBURG, ORE.



"On, I adore bunnies!" Mrs. Pettibone butts in

Honest, I never did a better sell-in' talk in my life! Tippin' my cap, I says, "Mrs. Pettibone, you've been a good customer, and I want to let you in on a bargain." "A bargain?" Her eyes got bright, so I saw I had the right approach. "Now our Golden Shell Oil is only 25¢ a quart—" "Two quarts for 49¢?" she cuts in. This slowed me up, but I gulped and said, "No, two quarts for 50¢—and you can't buy a finer oil at any price! It's made specially for stop-and-go driving. You see, when you stop awhile, your oil drains down into the crankcase. Then you come back, and step on the starter." "Shouldn't I?" she asks. "Yeah," I says, gulping once more. "Oh sure—but if your oil is sluggish, a lot of wear happens before the oil starts flowing. But Golden Shell begins flowing instantly! It gets going like a scared rabbit!" "Oh, I do adore bunnies!" says Mrs. Pettibone, claspin' her hands. * * * No, I didn't collapse. But how'm I ever gonna get the facts o' life over to these lady customers of mine?

Sincerely,
Your Shell Dealer

DAIRYMEN - ATTENTION

Have you considered

BEEF PULP

as a dry weather feed

It will produce more milk and keep your cows in better shape than anything you can feed. New Crop Price

\$1.60 per 100 lbs.

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Oakland—Roseburg—Myrtle Creek