

# FARM CO-OPERATIVE DIVISION

A MESSAGE TO EVERY MEMBER.

## R.E.A. HIGHLIGHTS

BY R. L. WOOLLEY

Your statements for the month of January are now in the mail. With them you will find the little card which I mentioned last week. Please take this little card seriously so that we will be able to have some information of value in the administration of your association's affairs. Read the instructions on the card carefully. You will find that they are very simple to follow. Then mark the card. Last but very important, get it into the mail immediately and thus avoid mislaying it and forgetting about it.

As I stated before, you will note that there are three sections or divisions on the card. First, household electric appliances, second, plumbing, and third, farm electric appliances. Merely put a check mark in the little square before the name of the appliances which you have. If you have some appliances not mentioned on the card write them in the blank space provided.

We are very interested in noting the consumption of electrical energy in the wheatland extension. Of course this month is not a fair indication of what it will actually become. Otis Hampton was the largest consumer this period. We are not going to tell you how much he used because we do not want you to set it as a goal or standard for yourself. He placed himself in the group of other large users in the other parts of the system. He approached the usage of Hawley Bean, J. H. Reid, Antone Vey and E. R. Buzzard. We are expecting the wheatland members to set us an example of modern electrical usage in rural locations and we know that most of them as yet have not accomplished many of the things which they are planning. Next month will no doubt show the wheatland members in a much truer perspective.

## SEEDSMEN TO TALK ON FEDERAL ACT

Seedsmen, including growers and dealers, are scheduled to meet at Corvallis on Friday, February 9th, to give attention to the provision of the new federal seed act as they will apply to the movement of agricultural and vegetable seeds. The meeting is scheduled to begin at 9:00 a. m.

It was pointed out by the Umatilla county agricultural agent that this meeting will be of interest to every person who engages in the interstate movement of seed for the reason that the details of the law and the rules and regulations promulgated under the law are to be given thorough attention. The meeting will occur in room 105, Memorial building, on the campus of Oregon State college, and is being called by G. R. Hyslop, head of the division of plant industries.

## HERD IMPROVEMENT GROUP OUTLINES NEW YEAR'S WORK

(Continued from Page One)

milk and 136.1 pounds fat. Even though the high cows were fed considerable more grain, they showed a profit at the end of the year of \$294.07 in comparison with the \$73.61 gain of the lower grade. Subtracting the higher feed cost from the high ten cows still left an advantage of \$220.46 per year.

A similar comparison was made in herds, using the two high and the two low herds as examples. These figures also showed a tremendous advantage in the profits at the end of the year of the better grade.

Herds averaging over 300 pounds of butterfat were owned respectively by Frank Seeliger, 378.53; Happy Thot Jersey Farm, 364.56; Eastern Oregon State Hospital, Jersey herd, 363.70; L. C. Dyer, 355.0; Dell Christley, 353.52; Charles Seeliger, 341.07; Eastern Oregon State Hospital, Holstein herd, 333.70, and George Gettmann, 323.48.

The Eastern Oregon State Hospital had a fine record of high producing cows, placing seven cows in the upper ten of the entire association. Frank Seeliger's registered Guernsey, Bonita Sue, won the blue ribbon honors with 562.3 pounds butterfat and 11,918 pounds milk. The other two cows in the first ten were owned by W. D. Neill and Happy Thot Jersey Farm.

## ANNUAL MEETING NOTICE

The regular meeting of the members of the Farm Bureau Cooperative of Hermiston will be held at the American Legion hall in the city of Hermiston on Friday, February 9, 1940, at 2:00 o'clock in the afternoon.

Election for one director for a two-year term in each of the following districts: Dist. 1, Echo; Dist. 3, South Columbia; Dist. 5, Butter Creek and Minnehaha; and for any further business that may come before the meeting.

Henry M. Sommerer,  
Asst. Secretary.

## EXPERIMENT FARM ALLOTMENT CUT IN NEW BUDGET

Reports from Washington that Congress was planning the elimination of a number of U. S. field stations including the Hermiston experiment farm, has stirred the local Commercial club, Granges and Farm Bureaus to active remonstrance, in opposition to the cut of appropriations.

The Commercial club sent a brief of argument in favor of continuing the experiment station last Saturday by air mail to Congressmen Pierce and Knute Hill, and to Senators McNary and Holman, and the Pomona Granges of Umatilla and Morrow counties are also taking the subject up with the senators and congressmen.

It was shown that \$75,000 has been invested here in the local field station and that many valuable experiments are now underway that would be destroyed by the abandonment of the station. The station has now over 400 varieties of hardy fruit trees growing three years old in an attempt to select the best varieties for this region.

It also has 80 varieties of alfalfa, over 1000 varieties of tomatoes, squash and other vegetables under test, to find, if possible, wilt or light resistant varieties, and many other agricultural plants of interest in this climate and soil condition.

Its experiments in turkey growing and dairying, in selection of weeds and in feeding; and in growing of pastures are also of great value to this entire region. All experiments are conducted by the most scientific methods.

## CONTROL METHODS OF CANNIBALISM GIVEN OUT BY O.S.C.

Cannibalism among poultry has been the basis for questions asked at county agents' office in recent weeks. It seems that some poultrymen are having considerable trouble from this cause. The following information will no doubt be appreciated by poultry owners experiencing this difficulty.

There are several causes of cannibalism such as over-crowding, lack of hopper space and lack of fiber and green feed in the ration. This habit may get started in the brooder house or while the pullets are on range, or after they are put in the laying house. After it once gets started it is often very hard to control. If a poultryman is losing birds after they are in the laying house from cannibalism I think the best procedure is to put on pik-gards, specs or blinders. Most produce houses that handle poultry equipment handle these anti-pick devices.

We have used both the specs and the pik-gards in our station flock with good results. To put them on when the birds are in production may have a tendency to slow them up for a few days but as a rule, it will not effect them very much.

To keep a hopper full of whole oats before the birds at all times is a factor in preventing cannibalism. In addition to this, to feed five or six pounds of green feed per 100 birds in addition to what is in the mash will sometimes help to control this vice.—N. L. Bennion, Extension Poultryman, Oregon State College.

## Irrigon Community Presbyterian Church

Rev. John K. Walpole, Pastor  
Morning worship 10:00 a. m. Sermon by the pastor.

Sunday school at 10:45 a. m.  
The Ladies Aid will have an all day meeting and pot luck dinner Thursday, February 15, at the home of Mrs. Rucker.

## COONEY ESSAY WINS DAIRY AWARD

The following is the essay written by Joe Cooney in the recent contest sponsored by the Happy Thot Jersey Farm, H. R. Hartley, owner. Joe was awarded first place and as a result received a purebred Jersey bull.

### WHY DAIRYMEN SHOULD USE PUREBRED SIRE

The importance of breeding with a purebred sire can not be over-emphasized. The herd sire is without doubt the most important animal on a farm where the breeder expects to profit mainly by the milk and butterfat production. The average cow can transmit qualities of milk and butterfat production to only a very limited number of daughters while the sire transmits to many daughters.

The present day breeders are more concerned with the improvement of the breeds now on hand rather than the development of new breeds. The breeders realize that by careful selection of animals of the highly developed breeds of today, they are taking advantage of the great amount of work that has been done to bring the breeds to their present point of perfection.

Many dairymen feel convinced that it is impractical for them to purchase a purebred sire because of the cost. However, were these dairymen to realize that the amount of production would be greatly increased it would be seen that the purchase of a purebred sire would within a short time pay for itself. One cannot expect this return of production within a year or two after breeding with a purebred sire but certainly all records show that the daughters of the sire show a large increase in the production of milk and butterfat.

Perhaps it may be unprofitable for dairymen who operate on a very small scale to purchase a purebred sire because the cost of production per cow will be greater than with a grade sire. If a group of farmers can cooperate in buying several sires so that the sire for each herd can be changed annually, as should be done, and the bull kept within the community until it has been proven there will be little expense for each farmer. This method will give the small producing dairyman the same opportunities of improvement as the dairymen who operate on a large scale. For those who have the care of the sire, it is well to consider safety measures in handling the bull. Since there have been a number of lives lost unnecessarily in the improper handling of sires, I would recommend that the sire be kept in a lot with adequate safety devices to provide protection for the keeper and give an opportunity for keeping accurate breeding records.

By the continual use of purebred sires, the stock will have in a few generations the appearance and producing ability of purebreds. After three generations of using purebred sires on scrub dams the offspring would have 87 1/2 per cent pure blood and after six generations would be 98 per cent pure blood. This is an argument in itself for the using of purebred sires.

The following paragraph is quoted from the May, 1913 Station Bulletin No. 312 and seems to prove a very worth while point:  
"The results that may be obtained by using purebred dairy bulls on scrub females is the demonstration at the Iowa State College in 1907, Guernsey, Jersey and Holstein bulls were used on scrub dams that averaged 3,660 pounds of milk and 171 pounds of butterfat. When compared with the scrub dams the first generation grades produced on the average 64 per cent more milk and 52 per cent more butterfat, and the second generation grades showed an increase of 130 per cent in milk production and 129 per cent in butterfat production. In other words, in two generations of using purebred dairy sires the increased production of milk and butterfat was more than 100 per cent. The improvement in body type as well as the greater economy of production was just as marked as the increase in actual production."

It is breeding that has raised the production of milk and butterfat and more careful breeding with purebred sires can raise the production still higher. For even the small dairymen, who must be considered, it is becoming essential that he also should have the service of a purebred sire so as to make his dairying more efficient, his herd show uni-

formity, and his financial returns show greater increase because of more production.

## COLUMBIA NEWS

By Mrs. Edward Shaw

Lucille Weeks, who is employed in Pendleton, spent the week end with her mother, Mrs. Mabel Weeks. Mrs. Gus Linder, who has been suffering for some time from injuries received from a fall, is reported being greatly improved.

Jesse Moore was a guest of De Verde Elwood Saturday evening. The following ladies from this district attended the Homemakers meeting in Hermiston Tuesday of last week: Mesdames Henry Sommerer, Jessie Hooker, Emma Christley, William Foster, J. H. Reid, H. G. McCulley and R. B. Wilcox.

The Bachelor Sewing club met at the Henry Sommerer home Saturday evening. This was the first meeting since the organization of the club. Mr. and Mrs. John DeMoss and son Donald, and Mrs. La Marr were Sunday dinner guests of Mr. and Mrs. A. C. Swanner.

Forrest Moore reports it is a terribly rough winter. Here it is only the last of January and he is suffering from chilblains.

Mr. and Mrs. Charles Keller and daughters Rosemary and Dorothy were dinner guests of Mr. and Mrs. R. B. Wilcox and family Sunday.

Mrs. Gunn of Portland is visiting Mrs. C. E. Baker. Mrs. Gunn, at one time, taught in the Hermiston grade schools.

Joe Udey, Fred Lenz and his sister and brother-in-law and family attended the basket social and dance at Boardman Wednesday night, sponsored by the Boardman Township club. The feature was celebrating the 73 birthday of Dr. Townsend.

Mrs. Franz, who spent the summer here on her ranch, has gone to San Francisco to visit her son.

Mrs. Adam Blahm entertained the F.B.A. at a tea Thursday afternoon at her home. Not as many were out as usual due to the cold weather. The next tea will be at the home of Mrs. Arthur Blinston.

Blaine Gamon and sister Myrtle of Sister, Ore., were visitors at the Eugene Dunham home the latter part of last week.

Mrs. Blue, who has been staying with Mrs. Jessie Hooker, returned to the home of her daughter, Mrs. B. E. Getchell Thursday of last week.

Mr. and Mrs. W. B. Foster were Pendleton business visitors one day last week.

Mr. and Mrs. Bud Hooker and family were Sunday dinner guests of Mr. and Mrs. Martin Lenz of Stanfield.

Visitors at the Charles Keller home Sunday were Mrs. Annette Barham and son Childs.

Marlene Metteer spent Saturday at the John Knox home, while her parents, Mr. and Mrs. Carl Metteer motored to Pendleton on business.

Visitors at the Forest Moore home Thursday night were Mr. and Mrs. J. H. Buhman, Mr. and Mrs. J. H. McMullen and son John, and Mr. and Mrs. Clarence Buhman.

Mrs. Jesse Hooker visited at the B. E. Getchell home Sunday afternoon.

Gordon Metteer of Fossil, Oregon, nephew of Mr. and Mrs. John Knox, visited at the Knox home Saturday.

Miss Myrthena Martin was an over night guest of Mr. and Mrs. Emil Zivney Saturday.

Mr. and Mrs. Stockard and Mr. and Mrs. William Mikesell visited at the Forest Moore home Sunday.

The membership team of the Hermiston Townsend club met with Mrs. Joe Udey to work out a schedule for a membership drive.

Mrs. John Jendrzewski says 1920 little cockerels have taken up their abode at the Jendrzewski farm.

## CHEMICAL MIXTURE KILLS WEEDS AND ADDS FERTILIZER

What appears to be a practical large-scale method of eradicating annual weeds from fall-sown grain and grass seed crops, as well as for eliminating weeds from lawns, is being developed at the Oregon experiment station through research carried on by L. E. Harris, assistant agronomist. Successful results have been obtained on limited areas and will be tried out on a larger scale this season, says Harris.

Tests made here two years ago revealed that a commercial chemical called sinox was effective in eradicating annual weeds, including volunteer vetch or peas, from grain crops. Last year investigators got even better results by combining a smaller amount of sinox with the common nitrogen fertilizer, ammonium sulphate. The material is applied as a water solution containing 1/2 of 1 per cent sinox, and 20 per cent ammonium sulphate.

Although this costs about \$3.75 per acre to apply, increases in yields of ryegrass seed last season averaged \$20 per acre, and in some cases as high as \$28, from such applications. Increases come both from killing the weeds and from the fertilizer value of ammonium sulphate.

The material may be applied with any power spray outfit with a "boom" attachment to spray the liquid from several nozzles in front or to the side of the vehicle. Successful applications have been made from February 21 to as late as April 10, depending on the stage of

growth. The younger the weeds the easier they are killed.

The same materials, but applied stronger, make the best lawn weed eradicator yet found by the college. About one-third pound of sinox paste and one pound of ammonium sulphate, each dissolved separately in about 1 1/2 gallons of water, before the sinox is added to the latter, will cover 250 square feet of lawn. Grass will turn brown but will quickly recover.

Distribution of sinox in Oregon is expected to be arranged this season, says Harris.

## WANTS

1c a Word - Minimum 20c

FURNISHED APARTMENT FOR rent—2 large warm rooms and 2 closets. Hot and cold water. Electric range. One block East of grade school or inquire at Herald office. 24-1c

FOR SALE OR TRADE — USED electric washer and Keroflame 5-burner kerosene range, both bargains. Tom Able, Jr., Echo, Oregon. 24-1p

WANTED — SPACE TO STORE small amount of furniture; safe place. Joe S. Dyer, Phone 2636. 24-1c

FOR SALE—1 MILK COW, 8 YEAR old, freshen some time in March, \$55.00; 1 hay rake and 1 mowing machine, both in excellent condition, \$55.00. Inquire at Co-op. Service Station or from Guy Shaw at Inland Co-op. 24-3c

FOR SALE—1 10-GAL. VISIBLE gas pump and 1 175-gal. underground tank, \$50.00. Co-op. Service Station. 40-3c

FOR SALE—9 TON ALFALFA HAY no sand burs. East of Columbia school. Joe Thompson. 24-3p

RECONDITIONED ELGIN & WAL-tham, pocket and strap watches. A. W. Behrman, Hermiston. 24-3c

FOR SALE OR TRADE—39 A. IR-rigated farm, improved; 6 1/2 miles SW of Hermiston. With or without personal property. Cheap for cash. See owner, J. B. Perry. 24-3p

PIANO FOR SALE—Small (spinet type). Will sacrifice for immediate sale, cash or terms. For particulars write Marvin Carter, Gen. Del., Pendleton, Ore. 24-1p

WANTED TO RENT—GOOD 40 A. ranch in Umatilla county. Ralph Earwood, Boardman, Ore. 22-3p

WANTED—DRESS MAKING, RE-modeling clothing. Charges by piece or day work. Quilting at 1c yd. Work guaranteed. Mrs. W. C. Isom, Rt. 2, Hermiston. 22-3c

HIGH GRADE PIANO—NEW TYPE spinet. Will sacrifice for quick sale. Cash or terms. Write P. O. Box 418, Pendleton, Ore. 22-3c

FOR SALE—17 TONS FIRST CROP alfalfa; two 6-year-old Jersey cows; 1 1/2 h. p. Fairbanks-Morse gas engine. J. D. Corliss, Hermiston, Phone 2929. 22-3p

FOR SALE—8-FT. DISC; ALSO one-row corn drill. R. K. Miller, Boardman. 22-3tp

FOR SALE—4 HEAD WORK HORSES, and a '29 model A Ford coach in good running condition with 1940 license for sale cheap, or trade for heifers. Rex Jackson, 4 mi. N. W. Hermiston. 22-3p

FOUND — WHITE BOAR, RIGHT ear cropped, about 3 years old weighing about 250. Frank Baxter, Stanfield ranch, Echo, Ore. 22-3c

FOR SALE — ONE REGISTERED Chester White boar; 3 sows with pigs. Frank Leicht, Irrigon. 22-3p

HORSES FOR SALE OR TRADE—All ages, broke or unbroke. Pried to sell quick. Joe Hawkins, Adams, Oregon. 21-4c

HOUSE FOR RENT — REASON-able. B. I. Whitney. 24-1c

FOR SALE—FOUR COWS AND 150 head of ewes. E. E. Pulley, Hermiston. 21-tfc

FOR RENT — MODERN APART-ment, also one large housekeeping room. West Side Hotel, Dial 2381. 23-3c

E. P. DODD — REAL ESTATE, sales, leases, exchanges. Insurance—fire, automobile, accident. Notary public, execution of legal papers. Herald office, Hermiston, Oregon. 15-tfc

TYPEWRITERS FOR SALE OR rent — Easy terms. Thompson's Drug Store, Hermiston. 5-tfc

WE BUY, SELL AND EXCHANGE furniture, machinery, household articles. Miller's Trading Post, Hermiston. 3-tfc

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