

# FARM CO-OPERATIVE DIVISION

A MESSAGE TO EVERY MEMBER.

## TABLE SHOWS PLANT FOOD LOSS

The table appearing here shows the pounds of plant food removed per acre in an average yield. The chart shows that the man who sells his corn has less net loss in ferti-

zer to his farm than the man who sells his alfalfa. These crops apply to the project and this table was drawn up by H. K. Dean, superintendent of the U. S. Field Station.

Soil Improving Crops—	Average Yield	Nitrogen	Phosphoric Acid	Potash
Red Clover	2 tons	83.6	17.2	83.2
Alfalfa	4 tons	188.0	43.2	178.4
Sweet Clover	2 tons	92.8	25.4	50.4
Soy Beans	3 tons	160.0	40.0	110.0
Soil Conserving Crops—				
Timothy	2 tons	39.6	12.4	54.4
Pasture	2 tons	50.0	22.0	40.0
Soil Depleting Crops—				
Corn with stover	50 bu.	68.4	22.9	39.7
Wheat with straw	25 bu.	38.9	18.4	27.4
Barley with straw	25 bu.	34.2	14.2	33.2

## VEGETABLE CROPS ADAPTABLE HERE

(Continued from Page 1)

Instruction is given not only to students in the high schools they said, but is available to the boy who is not in school and to the adult farmer.

Dewey West and Lawrence Wetherell, two members of the Future Farmers of America, were present and Witherell, who is president of the organization at Arlington, told of the work being done in 48 of the states and in Hawaii. He stated that this group is a non-profit organization and teaches leadership, oratory, and creates more farm interest among youth today. Boys learn stock judging and parliamentary procedure along with other instruction, he said.

Raymond Crowder, editor of the Arlington Bulletin, was also with the group from Arlington.

Jay T. Pierson, assistant county agent, told of the work being done by committees, who will present reports at the Economic Outlook Conference to be held in Pendleton, February 23. He showed how farmers in this and other counties, are now being allowed to do their own agricultural planning. He stated that it was hoped that out of this conference some permanent program can be worked out.

Visitors from other Granges present included Elmer McCulley, master of the Cold Springs Grange, and Mrs. McCulley, Mr. and Mrs. R. O. Earnhart, B. B. Bloom, all of Cold Springs, and Mrs. Dena Wooster, secretary of Stanfield Grange, and C. Tillery, Emerald Cox, master of Columbia Grange was also present.

Musical numbers were given by Loretta Mulkins and Mrs. John Blaine.

## ENTERTAINMENT FOR COOPERATORS

Ed Dunning, manager of the Hermiston Mercantile Co-operative store, announced this week that the store was sponsoring an entertainment and educational meeting to which members and the general public is invited, to be held Monday, February 28.

An entertainment program is being planned and an interesting speaker secured for the evening, Mr. Dunning said.

This meeting is one that promises to be a booster for cooperation and a sticker for informality. Be there with the people who like to learn about cooperation.

## 4-H CLUB NEWS

Once again the Streamline Seam Stitches have organized their club and hope to make 1938 a successful and profitable year. The membership has promised to strive to make the club a 100 percent club for this year. Members are Catherine Kennedy, president, Mary Margaret Kennedy, sec., Grace Bensen, vice pres., Agnes Kennedy, Veta Moran, Agnes Riley, Margaret Kinney, Minnie Riley, Fern Harriman, Pauline Roach. The club is now in its fifth year with Mrs. Kennedy as the leader.

## New Calf Club Members.

The Progressive Calf club met at the home of the leader A. E. Ruggs, Saturday, February 12. All members were present and two new members, Lauretta Mulkins and Bob Jackson, attended. Other members include Eugene, Richard and James Rugg, Robert, Frank and James Bensen and Joe Cooney.

Discussion on teaching of a calf to drink and the background of the Jersey and Guernsey breeds, was held.

The club decided to meet every other Saturday with the next meeting at the Mulkins home.

## Irrigon Grange Night.

The Irrigon Grange will hold a special night program Saturday, February 19, at which time the Home Ec club will sell coffee and doughnuts. Members are asked to make a special effort to attend this meeting.

## Westland Grange Dance.

A door prize for a lady and a gentleman will be given next Saturday night, February 19, at the dance sponsored by the Westland Grange. Mitchel orchestra will furnish the music. The dance will be held in the Westland school house.

## FARM ECONOMIC CONFERENCE AT PENDLETON FEB. 23

With all advance preparations completed for the one-day Umatilla county farm economic conference in Pendleton, Oregon, February 23rd, a general invitation has been extended to farmers and their wives, as well as to any businessmen interested, to attend the conference, which will open at ten o'clock in the Vert Memorial building.

If advance interest is any indication, a large crowd will be on hand during the day to assist in the consideration of important questions facing the agricultural industry of Umatilla county.

In the light of recent developments—national, state and county—the farmers and their wives, with the assistance of specialists from the Oregon State college extension service, will seek the answers to such questions as: What is the outlook for agriculture in 1938 and over the next few years? In view of the outlook, what crops, numbers and kinds of livestock should be produced in the county? What kind of land use program will conserve soil fertility and prevent erosion? What is the relationship between the farm home and the farm business? The tax problem will also be vigorously attacked.

The conference will be opened by William Steen, who is serving as general chairman for the day. Agricultural planning and its effect on Umatilla county agriculture will be discussed.

The first committee report to be discussed will be that dealing with farm home and rural life. Following this will be a consideration of the facts gathered by the land use committee, after which long-time agricultural planning and its relationship to the present agricultural outlook will be discussed. Discussions of the reports of the committees on crop acreage, livestock and grazing problems will be included in the day's program, augmented by a special report from the committee on taxation.

Those in charge are emphasizing the desirability of general discussion of the facts presented before reports and recommendations are finally adopted.

This conference is just another step in the successful 15-year organized effort of Oregon farmers, working with the extension service, to keep the state's agricultural industry on a profitable and permanent basis, points out County Agent Walter Holt.

## PLAN RURAL HOME LIFE IMPROVEMENT

Recommendations for improvement of rural home life will be made by a representative committee of Umatilla county women at the Economic Conference, held in the club room of the Vert Memorial, at Pendleton, February 23, starting at 10:00.

This Farm Home and Rural Life committee have studied the existing situation in regard to the rural home and have attempted to make plans for an answer to such questions as: Should farm home water systems be improved? What are the best methods to use in food preservation? What recreation will adequately meet leisure time demands of rural young people? Since a farm woman spends an average of 51.6 hours a week in house work, what consideration should be given to the convenience of the home? The relationship of farm home to farm business will also be considered.

A general invitation is extended to all men and women interested in the conference to attend the session. Four other committees will also make recommendations concerning the operation of the farm. These

will include farm crops, livestock, fruits and taxation.

Members of the Farm and Rural Life Committee are: Mrs. W. A. Hine, Mrs. R. B. Wilcox, Mrs. C. E. Fisk and Mrs. Helen Nasshahn, all of Hermiston; Mrs. J. M. Richards, Chairman, Stanfield; Mrs. L. W. Owen, Secretary, Mrs. Earl Thompson, Mrs. L. A. McClintock and Mrs. Milton Carter, all of Pendleton; Mrs. Otis Hampton, Cold Springs; Mrs. Harry Guderian, Pilot Rock; Mrs. Carl Groth, Umatilla; Mrs. Minnie McFarland, Umatilla; Mrs. E. J. Chastain, Ferndale; and Mrs. Troy Coleman, Echo.

## PEAS IN EASTERN OREGON MOSTLY FREE OF DISEASE

Eastern Oregon canning pea plantings have been remarkably free from the serious pea diseases, with the exception of root rots, reports Dr. Frank P. McWhorter, plant pathologist at Oregon State college, in a new circular of information on "Suggestions for Controlling Pea Diseases in Eastern Oregon Pea Canning Areas." Dr. McWhorter has been carrying on work under the terms of the legislative appropriation providing funds for specific agricultural research.

The root rot, now becoming too abundant in Umatilla county plantings, is largely caused by strains of rhizoctonia, Dr. McWhorter reports. When peas are grown after peas, strains of soil fungi become more and more abundant, until the land becomes "soil sick," for that crop.

Crop rotation and immediate elimination of above-ground refuse, as recommended for weevil eradication, are likewise important for the elimination of disease, the report shows. Even a two-year rotation is helpful in preventing the development of root rot fungi.

The absence of mosaics and mildews in eastern Oregon plantings is partly explained by the comparatively short growing period required for a canning crop. These diseases and the aphids, which are responsible for the distribution of mosaics, are favored by long-season crops. It is therefore recommended that no peas for seed be grown in the areas of canning pack production.

Planting the best seed obtainable is also important, says Dr. McWhorter. The use of wilt-resistant varieties, as developed by reputable seedsmen in the Pacific northwest, enhances the probability of permanent success in the canning industry. The better seed companies are constantly developing, testing and maintaining commercial seed stocks of resistant varieties, such as are now grown successfully in the area.

Sweet clover in pea growing areas is a source of danger as it harbors the pea mosaic disease virus, the report adds.

## CO-OP LEAGUE TO SPONSOR TOUR OF EUROPEAN CO-OPS

(Co-op League News Service) New York — The Cooperative League of the U.S.A. announced this week that it has completed final arrangements for its fifth annual trip to cooperative Europe this coming summer.

Sailing from New York on the Berengaria June 29th, the members of the tour party will visit outstanding cooperatives in France, Switzerland, Sweden, Finland, Denmark, England and Scotland. The tour will include important scenic, historical and cultural features, but will place special emphasis on the contribution of the cooperative movement as a factor in preserving democracy in these European countries. Both the business and educational methods of the cooperatives will be studied and the tour will visit folk schools and other educational centers before returning to New York, August 22.

John A. Jessup, educational director of Consumers Cooperative Services, a chain of ten cooperative cafeterias in New York City, and former member of the extension staff of Columbia University, will act as tour director. The complete tour will cost \$667 with an optional earlier return omitting the trip to Scotland at \$598.

The tour is planned for members, managers and directors of cooperatives and other interested in studying the cooperative movement. Detailed information may be secured by writing the Cooperative League, 167 W. 12 Street, New York City.

## Better Forage Crops Suggested.

ROSEBURG—The recent economic outlook conference for Douglas county recommended that acreage devoted to hay and other forage crops remain about the same, but that the quality of hay and forage be improved. Recommendations were for more legumes and less grain hay, as being essential to the livestock and dairy industry. The acreage of alfalfa should be increased and clover doubled, and the vetch, and vetch oat hay should be maintained, the report states.

## Conference Schedule Listed.

CORVALLIS—Ten county economic outlook conferences are scheduled for the week of February 21 to 26. These are Malheur county, Feb. 21; Lake, Feb. 22; Umatilla and Klamath, Feb. 23; Morrow and Deschutes, Feb. 24; Gilliam and Crook, Feb. 25, and Wheeler and Jefferson, Feb. 26. Each meeting is at the county seat except in Malheur, where it is to be held at Ontario, and Deschutes where it is scheduled for Redmond.

## IRRIGON COUPLE MARRIED THURSDAY

IRRIGON NEWS—Maynard Hoaglan and Miss Alice Wilson were united in marriage at Walla Walla Thursday, February 10. They will make their home on their place west of town.

Mr. and Mrs. Benny McCoy of Imbler, Ore., visited relatives here several days last week.

Rev. Alcorn is redecorating the interior of the parsonage this week. A baby girl was born to Mr. and Mrs. Chas. Langley at the Hermiston hospital Thursday, February 10. The little miss balanced the scales at 6 1/2 pounds and has been named Janis Fay.

Mr. and Mrs. Ernest Bedwell from Stanfield visited Mr. and Mrs. Emery Bedwell Monday.

Mr. and Mrs. Earl Isom are staying with Mrs. Josephine Graybell for a few days.

Mr. and Mrs. R. V. Jones and family left for Rainier, Wn., Saturday to visit their son, Maxwell Jones and family.

Mrs. H. C. Warner and Mrs. Jack Browning gave a Valentine party in the Sunday school rooms Saturday for all of the children who attend Sunday school.

Miss Dusenberry, who teaches the first, second and third grades, gave a Valentine party Monday for her pupils.

Mr. Butson and nephew from Umatilla were in town Thursday to Friday, cleaning the city well which was purchased by W. C. Isom recently.

Mr. and Mrs. Geo. Kandler and daughter visited Mr. and Mrs. Earl Isom Sunday.

Mr. and Mrs. Henry Phelps and children visited Mrs. Phelps' sister at the Hermiston hospital Sunday.

Mr. and Mrs. Don Isom motored to Pendleton Sunday.

Mrs. Slaughter, who has been visiting at Walla, returned home the last of the week.

Mr. and Mrs. James Arnberg visited Mr. and Mrs. Fred Wilson on Butter Creek Sunday.

Mrs. Roy Brown of Stanfield visited her parents, Mr. and Mrs. Hoag-

lan, Saturday and Sunday. Milo Huckle left Friday for Ogden, Utah, to attend his father's funeral.

Mrs. Stella Paulson returned home Wednesday.

Eugene Lamoreaux of Yakima is visiting his parents.

Mrs. Geo. Rand has been quite ill the past two weeks.

Geo. Kandler of Umatilla spent Monday wiring his house east of town which is now occupied by Mr. and Mrs. Lavon Bell. Don Isom assisted with the work.

Mrs. Wm. Norcross and the twin baby daughters were brought to her mother's home, Mrs. Clara Smith, Wednesday of last week from the St. Anthony's hospital in Pendleton.

Mr. and Mrs. H. C. Warner and children were dinner guests of Mr. and Mrs. James Warner Sunday.

## WANT ADS

FOR SALE OR RENT—GOOD USED Standard Royal typewriter. Inquire Thompson's Drug. 25-tfc

FOR SALE—TWO, SINGLE UNITS. Surge milking machine motor, pump, pipe and fittings, for 26 head cows. Cash or Terms. G. G. Smith, Stanfield, Ore. 26-3tc

A SALE OF 100 HEAD OF GOOD draft horses and ten cattle will be held Friday, February 25, at the fair grounds at Moro, Oregon, by the Sherman County Livestock association. Stock guaranteed as represented. Some of the best horses in the northwest are grown in Sherman county and will be included in this sale. Horses delivered to Portland for \$5. 26-1tc

WANTED — HIGH SCHOOL GIRL to take agency for Thogerson Hosiery Co. on commission. Spare time job. Inquire Herald office. 26-2tp

FOR SALE — 1936 FORD COUPE; 85 H. P. motor; low mileage, original tires; heater; make me an offer. A. A. "Red" Estle, Hermiston. 26-1tc

FEBRUARY AND MARCH DAY old pullets and New Hampshire Reds for February and March delivery; Hatching now. "Vigorbilt" Hatchery, Hermiston. 26-3tc

FOR SALE—THOR MANGLE, good condition, reasonable; Mabel Walker, Hermiston. 26-3tc

FOR SALE—WELL IMPROVED 14 acre ranch; close to highway; four room house. Fair out buildings; four acres in artemisia. See or write M. E. Gordon, Hermiston. 26-3tp

SACRIFICING INCUBATORS — \$8 and Up. Ready to operate, 450 egg size, \$12.50. Call Grange Co-operative. 24-3tc

FOR RENT—15 ACRE TRACT, 1 mile north of Hermiston. Good buildings. Inquire E. P. Dodd, Hermiston. 24-3tp

FOR SALE — MODEL A FORD truck; dual wheels, long base. At Sec. House, Messner, Ore. 25-3tc

WANTED—FEW STUDENTS TO learn chick sexing. Capable instructor. Start soon. Vigorbilt Hatchery, Hermiston. 25-3tp

8 PIECE DINING ROOM SET TO sell, or trade for stock. Inquire at Herald office. 24-3tc

## Pleased With Turkey Hatching!

"Vigorbilt" Hatchery Hermiston, Oregon  
Gentlemen:  
Had several thousand turkey eggs set at your hatchery during 1937 and was well pleased with results. The poulters were strong and husky and grew well. We will have you set about 5500 turkey eggs during the 1938 hatching season.  
Very truly yours,  
DONALD DEMOSS  
Hermiston, Ore.

## PRICES IN 1938 WHITE LEGHORNS

WHITE LEGHORN SEXED PULLETS	\$ 22.00 PER 100
WHITE LEGHORN SEXED PULLETS	107.50 PER 500
WHITE LEGHORN SEXED PULLETS	215.00 PER 1000
STRAIGHT RUN LEGHORN CHICKS	\$ 12.00 PER 100
STRAIGHT RUN LEGHORN CHICKS	50.00 PER 500
STRAIGHT RUN LEGHORN CHICKS	100.00 PER 1000
LEGHORN COCKERELS	\$ 3.00 PER 100
LEGHORN COCKERELS	12.50 PER 500
LEGHORN COCKERELS	25.00 PER 1000

## NEW HAMPSHIRE REDS

STRAIGHT RUN NEW HAMPSHIRE	\$12.50 PER 100
SEXED PULLETS DAY OLD	17.00 PER 100
DAY OLD COCKERELS	9.00 PER 100

## RHODE ISLAND REDS

SAME PRICE AS NEW HAMPSHIRE REDS.

## BROODED LEGHORN PULLETS

10 DAY OLD LEGHORN PULLETS	\$25.00 PER 100
FOUR WEEK LEGHORN PULLETS	40.00 PER 100
SIX WEEK LEGHORN PULLETS	55.00 PER 100
EIGHT WEEK LEGHORN PULLETS	70.00 PER 100

## TURKEY POULTS—CUSTOM HATCHING HEN and TURKEY EGGS

A 10 per cent Deposit Must Accompany All Orders on Chicks.  
A 20 per cent Deposit Must Accompany All Orders on Turkey Poults

## SEND FOR LITERATURE "Vigorbilt" Poultry Farm and Hatchery HERMISTON, OREGON

CONCRETE PIPE FOR SALE — Any size, at attractive prices. Ask Oron O. Felthouse, Hermiston. 22-tfc

A MODERN SERVICE STATION and residence in Enterprise, Or. for sale; on the highway; also room for 10 to 15 cabins; will trade for improved acreage near Hermiston. Write C. A. Miller, Enterprise, Or. 24-3tc

FOR SALE OR TRADE FOR COWS or heifers—50 tons of alfalfa hay; Also 1 2-wheel trailer; 5 miles S.W. of Stanfield. E. C. Chaney, Hermiston. 24-3tp

FURNISHED APARTMENTS FOR rent at Carter's apartment, Katty corner from depot. Also rooms to let by night or week. 24-3tp

## NOTICE OF HEARING FINAL ACCOUNT

Notice is hereby given that A. S. Cooley, as administrator with the will annexed of the estate of Francis Martin Gast, deceased, has filed his final account in said estate in the County Court of the State of Oregon for Umatilla County, and said court has fixed Monday, the 21st day of March, 1938, at 2:00 o'clock p. m. of said day, as the time for hearing of objections to said final account and the settlement thereof. On or before said day any person interested in said estate may file objections to said final account, or to any item thereof, and contest the same. Dated February 17, 1938.  
A. S. COOLEY, Administrator. (Feb. 17—March 17)

## NOTICE TO CREDITORS

IN THE COUNTY COURT OF THE STATE OF OREGON FOR UMATILLA COUNTY.

In the Matter of the Estate of Sarah Boyle, Deceased.

NOTICE IS HEREBY GIVEN: That the undersigned has been duly appointed administrator of the estate of Sarah Boyle, deceased, by the above entitled court, and he has duly qualified as required by law. All persons having claims against the estate are required to present the same with proper vouchers, to me at the Law Office of George R. Lewis in the Despain Block, Pendleton, Oregon, within six months from the date of the first publication of this notice which is the 18th day of February, 1938.  
B. DUVAL ISAMINGER, Administrator.

GEORGE R. LEWIS  
Attorney for Administrator  
Post Office Address,  
Pendleton, Oregon.  
(Feb. 17—March 17)

## It's Easy To Be Mistaken About STOMACH TROUBLE

Stomach sufferers should learn the truth about **ULCERS, GAS, ACID, INDIGESTION, belching, heartburn, constipation, etc.**, due to excess acid. **FREE UDGA** Booklet contains facts of interest. The 9th edition, just off the press, may prove your first step to happy stomach comfort! Clip this to remind you to ask for the UDGA Booklet at **THOMPSON'S DRUG STORE**

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**Hermiston Post No. 37**  
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Office Hours: Other  
10:30 to 12:30 A.M. Hours by  
2 to 5 P.M. Appointment  
Res. 712 — PHONE — Office 733

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