

FARM CO-OPERATIVE DIVISION

A MESSAGE TO EVERY MEMBER.

RECOMMENDATIONS FOR PASTURES

by JAY T. PIERSON, Assistant County Agent

Rundown alfalfa fields, turned into pastures, usually are almost straight blue grass, which has the unfortunate habit of becoming almost dormant during the hot summer months. Therefore many of our pastures are returning only a fraction of what they should. Results on both farms and experiment stations show that either white sweet clover or good mixed grass pastures give returns fully as large as one can expect from alfalfa or grain. Census returns here show that our blue grass pastures are not living up to that idea and frequently only return five or ten dollars per acre per year. Pastures which should return 200 pounds of butterfat per acre are only returning 40 or 50 in many cases.

Types of Pastures.

Mixed grasses are recommended for Butter Creek and for the Umatilla river meadows, because soils there hold moisture well. On the coarser soil types white sweet clover is likely to yield more and will certainly require less water than the more shallow rooted grasses. The two types of pasture should not be mixed, that is, one should use the grass where it will yield most and use the white sweet clover where it will do best. White sweet clover, if put in a grass mixture, will tend to crowd out the grass the first year, because of its more rapid growth.

Fall seeding is usually successful in grain stubble if it is seeded early enough. For spring seeding we advise seeding alone rather than with grain or a nurse crop. If a nurse crop is necessary, because of wind, seed in stubble in the fall. When spring seeding is tried, the land should be fall plowed if possible. In the case of spring seeding, seed early while the weather is cool.

Pasture Mixtures.

For the mixed grass pastures we recommend:

Brome grass	6 pounds
Orchard grass	6 pounds
Meadow Fescue	3 pounds
Ladino clover	3 pounds
English Rye grass	3 pounds
Total	21 pounds per acre.

On wet lands, or alkaline lands, strawberry clover may be substituted for Ladino. Heavier seedings will give better stands. Other mixtures may be necessary for special conditions. For example: Brome grass may be substituted for English Rye. Buy only certified English Rye and Ladino seed.

Methods of Seeding.

Whenever and however the seeding is done, a firm seed bed is the first rule. The tiny grass seedlings like the fish on a desert if the top few inches of soil are loose. On blow lands there are two ways to get the drifting sand. First, cover with a light layer of straw or manure; or, second, seed in grain stubble. Pastures follow row crops or other better than alfalfa or meadow land, as it is easier to get a good firm seed bed.

Pasture Management.

1. Do not turn stock on grass until it is five or six inches high the year of seeding and pasture it lightly the first year. If you must have pasture while your permanent field is becoming established, use Sudan grass or grain or some other temporary crop. White sweet clover and rye make a heavy yielding temporary pasture.
2. Divide the pastures so that stock can be kept off while irrigating. If there can be as many as three pastures, the milking stock can be kept on fresh pasture all the time, and the dry cows, young stock, horses, etc., can be used to clean up a pasture after the cows.
3. Start to pasture white sweet clover four to six inches high. Pasture lightly the first year, but keep it down the second. The secret of pasturing white sweet clover is to have enough stock to keep it from growing tall and woody. When white sweet clover becomes woody, it is very unpalatable.
4. Use a spike tooth harrow after the first year. This avoids rank growth of grasses around the droppings of livestock and levels down high spots, making irrigation possible on all portions of the field.
5. Manure after the first year. Do not let grass pastures get high enough that the grass will be trampled and wasted.
6. If tall growing weeds appear, mow them.

Irrigation.

Mixed grasses will need irrigation often, probably every ten days in hot weather. White sweet clover is deeper rooted and can go longer. Farmers new to the area should consult the superintendent of the Umatilla Field Station or the assistant county agent in regard to methods of irrigation.

Pasture Location.

A high yielding pasture pays as well as anything on the average farm if on as good land as the other crops. Steep land, even though hard to irrigate, is often used for pasture, which probably is the best use for the land and labor. But with no such special things to consider, locate the pasture where it will be convenient to the farm buildings and stock water.

(The writer wishes to acknow-

ledge the valuable assistance of H. K. Dean, superintendent of the Umatilla Field Station, and E. R. Jackson, Extension Specialist in Farm Crops, Oregon State College, in preparing material for this circular.)

ANNUAL GRANGE CO-OP MEETING

The annual meeting of the Grange Cooperative Association at Hermiston will be held Friday, February 11, at 8:00 p. m., in the Hermiston Union church. Election of officers will be held and any other business coming before the meeting transacted. The public is invited to attend this meeting.

Beef Club Will Meet.

The West Umatilla Beef club will hold its regular meeting Monday, February 14, at 7:30 p. m., in the office of Jay T. Pierson, assistant county agent.

Home Ec Clubs Entertain.

The ladies of the Home Ec club of Columbia Grange were guests of members of the Westland Grange Home Ec club last Wednesday, February 9, in an all day meeting at the home of Mrs. Guy Shaw. The day was spent sewing. Members of the Westland Grange club planned an anniversary party for February 24 for all grange members.

CROPS CLUB LEARNS TO IDENTIFY WEEDS

The 4-H crops club met last Monday in the office of Jay T. Pierson, assistant county agent, with their leader, Emil Zivney, conducting a discussion on weeds and identifying those prevalent in this area. Before the evening was over the boys present learned to identify six weeds prevalent here by the weed seed. Eleven weed specimens were displayed by the leader and these may be examined by any person interested at the assistant county agent's office.

Mr. Zivney stated that during the year the boys would have an opportunity to study and identify 50 varieties of grass and weed seed.

The crops club is new this year and much interest is being shown by the members. Meetings in the spring will be held in the various field day trip style inspecting the crop plots being carried out by members.

The next meeting will be held Monday, February 21, at 8:00 p. m. in the office of the assistant county agent.

EASTERN STATES FARMERS EXCHANGE COMPLETES 20 YEARS

(Co-op League News Service) Springfield, Mass.—The Eastern Farmers Exchange, organized January 23, 1918, completed its 20th year of operation with a membership of 82,500 and business for the last fiscal year of almost \$20,000,000.

The mammoth New England co-op started as a cooperative purchasing agency for a few farmers in Massachusetts, Rhode Island, and Connecticut. The Exchange is now serving six New England states, Delaware and sections of Maryland and Pennsylvania.

The members of the cooperative have accumulated, through savings on the production and distribution of feeds, seed and farm supplies, business facilities worth approximately \$3,000,000. The Exchange operates one of the largest feed mills in the country at Buffalo, New York, a large seed house, an elevator with a million bushel capacity, a laboratory equipped to make all the tests essential in the scientific selection of feed stuffs, seeds and other supplies, fertilizer plants in Cambridge, Mass., and Wilmington, Delaware, a biological laboratory at Stoneham, Mass., and a plant industry project at Feeding Hills, Mass., in addition to its modern headquarters at Springfield.

NOTICE

To The Members of the Umatilla Project Farm Bureau.

Our records show that there are still a few of our members delinquent in their 1937 yearly dues of \$1.00. This was due March 1st, 1937, and delinquent two months later.

The annual meeting and election of directors for the Farm Bureau Co-op will be held February 11th. To be entitled to vote at this meeting, it is necessary to be in good standing in some bona fide farm organization. We hope the Umatilla Project Farm Bureau can show a clean slate before February 11th, that all may be entitled to vote.

C. M. JACKSON, Secretary Umatilla Project Farm Bureau.

NOTICE OF ANNUAL MEETING

FARM BUREAU CO-OPERATIVE OF HERMISTON

The annual meeting of the members of the Farm Bureau Cooperative of Hermiston, Oregon, will be held at the Hermiston Union church in Hermiston Friday, February 11, 1938, at 1:30 o'clock in the afternoon.

Election of directors will be held to fill the expired terms of Directors H. J. Bean, District No. 1; J. H. Reid, District No. 3; R. G. Saylor, District No. 5.

A list of names is being mailed to the qualified voters in each district designated in the notice. An (x) should be placed before the name of the party desired as director, and the ballot brought to the meeting or mailed to the office of the Farm Bureau Cooperative of Hermiston. The list mailed out to the qualified voters is merely a nominating ballot. In order to elect the party desired as director, it is necessary that the members from the respective districts be present at the meeting to cast their final vote for election.

Eligibility of membership in the Farm Bureau Cooperative of Hermiston is based on membership in good standing in any Farm Bureau, Farmers' Union or Grange designated by the Board of Directors, and the payment of a life membership fee of one dollar to the Farm Bureau Cooperative of Hermiston.

All names received will be submitted to the voters present at the meeting and voted on by ballot. The person receiving the largest number of votes will be the director for a term of two years. Every effort has been made to include in their respective lists the correct names. Should an error be found, kindly notify the office of the Farm Bureau Cooperative immediately.

District No. 1, or Echo District, shall embrace the district lying south of the Union Pacific railroad from Hinkle eastward, and east of the Butter Creek highway toward Lena to a point intersecting the Morrow county line.

District No. 3, or South Columbia District, shall embrace that portion of the Hermiston project lying south and east of the diagonal road and the railroad through Hermiston, and the feed canal of the Hermiston Irrigation Project.

District No. 5, or Butter Creek Minnehaha District shall include all the territory west of the railroad through Hermiston and west of the Butter Creek highway to Lena.

At this annual meeting the members will be required to vote on a new set of by-laws recommended by the board of directors and submitted by them upon the advice of various cooperative experts and attorneys to bring the operations of the association more in harmony with existing cooperative and corporation regulations and laws which have been passed or amended since the original by-laws were adopted.

R. G. SAYLOR, Assistant Secretary.

PACIFIC COAST STUDENT CO-OP MEET IN SEATTLE

(Co-op League News Service) Seattle, Wn.—Representatives from student cooperative organizations at the University of California, Oregon, Washington, Idaho and British Columbia, and Washington State College met here during the Christmas holidays to discuss the problems common to their campus co-ops and to lay plans which may lead to the formation of a permanent League of College Cooperatives.

The Pacific Coast Student Cooperative Conference drew together representatives of 1650 students who are members of cooperative dormitories, cooperative eating clubs and other types of co-ops on these six campuses.

Detailed accounts of all phases of cooperative organization on the various campuses and methods of bookkeeping, administrative procedure, by-laws and educational programs were discussed at length. Tentative plans were laid for a second conference to be held at Washington College, Pullman, Wash., during Easter vacation at which time definite action is expected on the proposed student co-op league.

The Student Cooperative association at the University of Washington is operating ten cooperative dormitories and a central kitchen. There

are seven co-op houses at the University of Idaho, four at Washington State, four at the University of Oregon and three at the University of California. The student co-op there is operating the largest apartment house in Berkeley as a cooperative.

UMATILLA H. S. HAS SLEIGHING PARTY

UMATILLA NEWS—The juniors and seniors and the faculty of Umatilla high school had a sleighing party on canal hill Saturday evening.

Miss Elsie Jane Tucker has moved from the Jarvis cabin to the Jess Connell home.

Mrs. Elmore McKenzie was hostess to the bridge club Friday afternoon.

Harry Hull has been quite ill with the flu this last week and has been unable to work in his store.

The Ladies Aid meeting, which was to be at the home of Mrs. Harry Hull, is going to be at the home of Mrs. Elmore McKenzie this Thursday with Miss Sara Rix as hostess.

Betty McKenzie, who is in nurse's training in Pendleton, spent Saturday afternoon visiting her parents, Mr. and Mrs. Elmore McKenzie.

Mrs. Milton Sharpe and son Jimmie spent Monday visiting her parents in Arlington.

John Quick is in La Grande receiving medical care.

Virginia Compton, Clara Mae and Warren Dillon and Ed Skoubo of Boardman were in Umatilla Saturday evening visiting at the E. McKenzie home.

Mr. and Mrs. James Byrnes spent Monday in Walla Walla and Touchet on business.

Mrs. Elmore McKenzie spent Tuesday afternoon visiting her daughter Betty in Pendleton.

Mrs. V. D. Brammer, Doris Rodenough, Violet Dexter, Mae Wurster and Erma Byrnes attended the 57th birthday anniversary banquet of the Christian Endeavor in Hermiston Monday evening.

Mr. and Mrs. George Montgomery and son Leonard have moved from the Jim O'Connell house to the D. M. Walsh farm.

WANT ADS

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

FOR SALE—6 HEIFERS; ALSO 22 acre ranch; will trade horses, cattle as down payment and give terms on balance; would lease to right party. H. C. Shanks, Hermiston. 25-1tp

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

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

FOR SALE OR TRADE—49 ACRES irrigated land; improved; with or without stock and equipment. Owner J. B. Perry, Westland District. 24-2tp

CONCRETE PIPE FOR SALE—Any size, at attractive prices. Ask Oron O. Felthouse, Hermiston. 22-1tc

SACRIFICING INCUBATORS—\$8 and Up. Ready to operate, 450 egg size, \$12.50. Call Grange Cooperative. 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

FOR RENT OR SALE—PETER Neadeau Estate ranch sixty acres one mile east of Hermiston, good buildings, irrigation water furnished, rent \$300.00 cash as is. Write or see N. Neadeau, Co. Court House, Pendleton, Ore. 23-3tc

WHEN COLDS BRING SORE THROAT



Relieves THROAT PAIN RAHWNESS

Enters Body through Stomach and Intestines to Ease Pain

THE speed with which Bayer tablets act in relieving the distressing symptoms of colds and accompanying sore throat is utterly amazing... and the treatment is simple and pleasant. This is all you do. Crush and dissolve three genuine Bayer Aspirin tablets in one-third glass of water. Then gargle with this mixture twice, holding your head well back.

This medicinal gargle will act almost like a local anesthetic on the sore, irritated membrane of your throat. Pain ceases promptly; rawness is relieved.

You will say it is remarkable. And the few cents it costs effects a big saving over expensive "throat gargles" and strong medicines. And when you buy, see that you get genuine BAYER ASPIRIN.



15¢ FOR 12 TABLETS
2 FULL DOZEN 25¢
Virtually 1 cent a tablet

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

W. L. Morgan, D. M. D. General Dentistry X-Ray and Diagnosis Bank Bldg. Phone 9-J Residence Phone 26-J Sunday and Evenings by Appointment

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 poults 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

Taken Up Notice.

Notice is hereby given that I have taken up and have kept for about seven days at my place in Hermiston, the following described animal: Part Jersey and Guernsey cow, about 5 years old; said animal will be sold, unless redeemed, at public auction to the highest bidder for cash in hand on the 11th day of February, 1938, at the above described ranch at 10:00 o'clock a. m. Dated at Hermiston on this 20th day of January, 1938. Signed Alton Kingsbury.

NOTICE OF HEARING UPON FINAL REPORT. IN THE COUNTY COURT OF THE STATE OF OREGON FOR UMATILLA COUNTY.

In the Matter of the Estate of Anton Soneson, Deceased.

NOTICE IS HEREBY GIVEN that the undersigned Administratrix of the estate of Anton Soneson, deceased, has filed her final report with the Clerk of the above entitled Court, and that the Judge of said Court has designated Monday, the 14th day of February, 1938 at 2:00 o'clock in the afternoon as the time, and the rooms of the above entitled Court in the County Court House in Pendleton, Umatilla County, Oregon as the place when and where hearing is to be had thereon. All persons interested are hereby notified to then and there appear and show cause, if any they have, why said report should not be approved, the administratrix discharged, her bondsmen exonerated and the estate closed.

Dated January 13, 1938. ELLA P. SONESON, Administratrix. (Jan. 13-Feb. 10)

When Colds Bring Sore Throat

Relieves Throat Pain Rawness

Enters Body through Stomach and Intestines to Ease Pain

The speed with which Bayer tablets act in relieving the distressing symptoms of colds and accompanying sore throat is utterly amazing... and the treatment is simple and pleasant. This is all you do. Crush and dissolve three genuine Bayer Aspirin tablets in one-third glass of water. Then gargle with this mixture twice, holding your head well back.

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DR. A. E. MARBLE CHIROPRACTOR

Office: 2 blocks east of 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.

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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