

WITH THE MALHEUR COUNTY FARMERS

OSC HARDY VETCH STRAIN IN COMMERCIAL PLANTING

CORVALLIS—An improved strain of common vetch which is winter hardy, recently christened "Willamette Vetch," by its originators at Oregon State college, will be in commercial production in 1939, according to H. A. Schoth, federal agronomist at the station.

The new vetch is a selection from common vetch made first at Corvallis in 1921. It has been grown by Schoth ever since, gradually being increased and purified, until it is now a distinct strain. In the south, where most of Oregon's vetch seed is used for cover crop purposes, the Willamette vetch has proved unusually hardy and has even withstood winter temperatures as far north as Maryland, federal specialists in the east report.

Because of the recent discovery of the vetch weevil on hairy vetch, it is possible that the new variety may be used extensively as a substitute. The vetch weevil has never been found attacking the common vetch, being confined to the hairy vetch and hairy podded vetch.

A considerable quantity of the Willamette vetch was grown in Washington county this year on clean land, making possible the certification of the seed by the extension service.

LOCKER STORAGE DESIGN EXPLAINED IN BULLETIN

CORVALLIS—One of the first, if not the first, engineering publications dealing exclusively with the design of cold storage locker plants and farm cold storage plants has just been issued by the engineering experiment station at Oregon State college.

Written by W. H. Martin, professor of heat engineering, the bulletin answers to many inquiries now being received on this subject. While it contains all the necessary engineering data for handling the various problems involved, it is written in a manner easily understood by the layman.

Subjects covered include refrigeration cycle, compressor capacity, power requirements, floor plans for locker storage, heat leakage, design of the chool room and freezer, and insulation. A design for a small combined farm freezer and storage unit is also described.



MALHEUR COUNTY GRANGE CALENDAR

Boulevard Grange meets second and fourth Thursdays at 8:00 p. m. Frank Sherwood, Master.

Big Bend meets first and third Tuesdays at 8:00 p. m. H. R. Hatch, Master.

Vale Grange meets first and third Friday at 8:00 p. m. Ed Charles, Master.

Oregon Slope Grange meets first and third Thursdays at 8:30 p. m. James Danielson, Master.

Harper-Westfall Grange meets second and fourth Fridays at 8:00 p. m. Charles Belgarde, Master.

Arock Grange meets second and fourth Saturday at 8:00 p. m. Ted Hon, Master.

Wild Rose Grange meets second and fourth Saturdays at 8:00 p. m. Arthur Antrium, Master.

Eldorado Grange meets second and fourth Fridays at 8:00 p. m. at Ironside, Floyd Howard, Master.

Snake River Grange meets first and third Tuesdays at 8:00 p. m. Mr. Parkins, Master.

Kingman Colony Grange meets second and fourth Mondays at 8:00 p. m. Mr. Anderson, Master.

Oregon Trail Grange meets second and fourth Wednesdays at 8:30 p. m. John Stamm, Master.

Willowcreek Grange meets second and fourth Fridays at 8:00 p. m. T. O. N. Grange meets first and third Fridays at 8:00 p. m. Noeman Mackenzie, Master.

Jamieson Grange meets the first and third Wednesday of each month at 8:30 p. m. Ray Garrison, Master.

POTATO TAGS TO GUIDE USERS OF OREGON SPUDS

CORVALLIS — Oregon potato growers are not going to sit idly by and see potatoes from other states crowd the home product off the Portland market, says E. R. Jackman, extension crops specialist at OSC.

The latest move to hold the favor of Oregon consumers is a decision of central Oregon growers to tag Deschutes gems with a distinctive advertising card. These cards will be used only on highest quality potatoes, and will be made available only to reputable growers, says Jackman.

The growers believe the tag will aid consumers by insuring them a high quality product.

Ripening Swiss Cheese

The curing of Swiss cheese covers two stages and is carried on in two cellars to obtain the proper conditions. Fine Swiss cheese takes about eight or ten months.

OUTLOOK IS FOR MORE HOGS, SAYS FALL OSC REPORT

CORVALLIS—A considerable increase in United States hog production in prospect under the influence of abundant supplies of relatively low cost feeds, according to the annual livestock outlook report just issued by the OSC extension service. The pig crop of 1938 will total about 12 percent greater than the comparatively small crop of 1937. As a result, the supply of pork will be larger during the 1938-39 marketing season and beyond.

This increase in supply will be offset to some degree by stronger consumer demand and purchasing power, if economic conditions continue to improve, the report adds.

Regarding the sheep and lamb situation, the outlook report shows that the 1938 lamb crop was the largest on record in the United States, being 5 per cent greater than in 1937. Although the number of breeding ewes next January may be slightly larger than last, this does not necessarily mean a larger lamb crop in 1939, the report continues. The record lamb crop this year was caused largely by an unusually high percentage of lambs saved. The complete report may be obtained free at county agents' offices.

Robbers Use Grave Earth

In Java, burglars strew earth taken from a grave about the house they are robbing for the purpose of putting the inmates of the house into a sleep as deep as that of the dead.

FARM TOPICS

GIVE FLOCKS BEST HOT WEATHER CARE

Ample Range, Shade, Green Feed Are Important.

By C. F. Parrish, Extension Poultryman, North Carolina State College, WNU Service.

Poultry authorities agree that adequate range, shade, and green feed are three essentials for well-managed flocks during the hot summer months.

When growers are ready to market their birds, those who have been careful to observe these essentials will find they have been well paid for their efforts.

Where home-mixed rations for pullets are used, the following growing mash is recommended: 35 pounds No. 2 yellow corn meal, 20 pounds standard wheat middlings, 20 pounds No. 2 heavy oats finely pulverized, 12 pounds standard wheat bran, 4 pounds fish meal (55 per cent protein), 2 pounds meat meal (55 per cent protein), 2 pounds dried skim milk, 2 pounds ground limestone or oyster shell, 2 pounds bone meal, and one pound iodized table salt.

Farmers having an adequate supply of milk may omit the dried milk recommended in the above ration. Because it is a valuable food, milk should be given to poultry in some form.

However, when fed as a liquid, it should be placed in clean, easily accessible containers. Surplus milk should not be allowed to remain in the containers since it attracts flies.

Plenty of water should be available at all times. If possible, it should be kept in a shady place.

Along with the mash, birds should have all the grain they will eat each morning.

'Blind Staggers' Among Summer Horse Ailments

Hot weather is the time when the horse disease encephalomyelitis, sometimes called "blind staggers," "brain fever," or "sleeping sickness" is most likely to appear, says Dr. R. A. Craig, head of Purdue's veterinary department. The disease affects the nervous system of horses and mules.

In recent years, especially during the summer months, it has caused serious losses in the West, Middle West, and several states along the Atlantic coast, but may strike anywhere.

It is an infectious disease and the symptoms generally occur in three phases. The first stage may escape notice as it usually is only a mild indisposition commonly accompanied with a rise in temperature. The second stage is characterized by distinct nervous symptoms which may or may not be accompanied with fever. In the last stage the horse may go down and be unable to rise, sometimes thrashing violently with the legs and head. Death usually follows when these symptoms develop.

Heat Affects Layers

It isn't fatigue from a long period of laying, but it is high temperatures that cause smaller egg size in pullets from spring through the rest of the year. Tests by Dr. E. C. Warren of Kansas State college's poultry department, show that where birds do not encounter maximum temperatures higher than 70 degrees, the maximum egg size is reached in July and August. Those birds subjected to high summer temperatures never reach the potential maximum egg size during the pullet year, except when they keep on laying very late in fall when temperatures drop. These Kansas results point to the need of protecting hens as far as possible from high summer temperatures, warns a writer in the Farm Journal. Not only do hens lay smaller eggs during heat waves, but the number of eggs goes down, too.

How Much Pullets Eat

It is important for one to know how much feed a pullet will eat so that the feed cost can be figured and financed, says a writer in the Missouri Farmer. At the age of 6 months a pullet will have consumed about 25 pounds of feed. The bigger the pullet grows the more feed she will consume accordingly. In other words, she eats very little feed while a chick, but her appetite knows no bounds when she is about full grown.

SUNSET VALLEY

About 80 friends of Mr. and Mrs. Lloyd Landreth, surprised them with shot guns and shouting, Monday evening, when they met at the Landreth home for a charivari.

Mr. and Mrs. Kenneth Lorenson and family and Howard Scott left Sunday for Twin Falls to work in the potatoes.

Mr. and Mrs. Lloyd Landreth entertained at a dinner Sunday evening. Guests were Miss Annie Schweizer, Bill Peutz, and Verle Landreth.

Mrs. John Vanderpool and her guest Mrs. Ballinger called at the A. R. Roberts home Sunday.

Mrs. Ira Chadd called Sunday at the home of Mrs. W. R. Bolitho, who was on the sick list last week.

Mr. and Mrs. Lloyd Landreth were Sunday guests at the Warren home.

Mr. Rebett was quite ill Sunday but is better at this writing.

Mrs. Ira Chadd entertained at a dinner party Friday evening in honor of the birthday of her son, James. Guests were Frank. Bob and Donald Tosh, Bob and Jack Rebett, Bud Notheis, and Bob Newgen.

Cash Turner is building a new house this week.

Henry Terra and daughter made a business trip to Vale Monday.

Mr. Hobson has moved his house farther back on his place where he has a granary and chicken house. He expects to put in a concrete foundation and an addition as well as a new roof.

Mr. and Mrs. Merle Markham of Ontario were Sunday guests at the Walter Hillis home.

Mrs. L. B. Landreth and son spent Sunday with Mrs. Grover Cooper of Oregon Trail. They also visited with Mrs. Homer Whitman.

The Tosh Bros. threshed clover seed for Ira Chadd last week.

Vern Wilson has rented the Andrew Anderson place for the coming year.

John Vanderpool, George Wilson and Cash Turner stacked hay this week. Neighbors also stacked hay for John Rebett who is still in the veterans hospital.

There is a rumor abroad that Sunset Valley will have a mail route by Dec. 1.

Albert Notheis is building a shed this week of poles he hauled down last week from the hills above Brogan.

The Otto Wolfe family motored to Owyhee dam Sunday.

Attending Convention—

Mrs. Sidney Smith and Mrs. H. E. Currey drove to Pendleton Sunday to attend a three-day State Pythian Sister convention. The convention convened Monday morning and ended with a banquet Wednesday night.

Returns with Elk—

Ed Case who for the past week has been hunting above Grangeville with a party of friends from Caldwell returned on Monday morning. Mr. Case was one of the lucky two who got their elk.

Continuing Leadership in VALUE

New JOHN DEERE Models "A" and "B" TRACTORS

DOWN through the years John Deere has recognized that tractor leadership which has been attained by giving highest quality and honest value can be continued only by offering an ever-increasing measure of value.

Only by driving the new John Deere Model "A" or "B" General Purpose Tractor can you fully appreciate the great progress which has been made. Check the John Deere for modern design, unexcelled vision, and easy handling . . . check it for simplicity, ability to burn the low-cost fuels successfully, and for strength . . . ask any John Deere owner about long life and the fine line of integral and drawn equipment available . . . check these tractors on your own ideas of what good general purpose tractors should be and you'll see why they continue John Deere leadership in tractor value. Ask for a demonstration.



Baldrige Implement Co.
PHONE 113 NYSSA, OREGON

JOHN DEERE QUALITY IMPLEMENTS AND SERVICE

Insure In SURE Insurance

Harvest worries are over when you have your crops protected in SURE INSURANCE. See us before insuring your hay and grain.

FRANK T. MORGAN
PHONE 31

NOTICE OF SCHOOL MEETING

NOTICE IS HEREBY GIVEN to the legal voters of School District No. 26, of Malheur County, State of Oregon, that a SCHOOL MEETING of the said district will be held at Nyssa High School on the 29 day of October, 1938, at 2 o'clock p. m., for the purpose of discussing the budget for the fiscal school year, beginning June 20, 1938, and ending June 19, 1939, hereinafter set forth, and to vote on the proposition of levying a district tax.

BUDGET	
Estimated Receipts	
1. Balance on hand at the beginning of the fiscal school year (third Monday in June) for which this budget is made	\$6,731.00
2. To be received from the County School Fund	8,885.00
3. To be received from the Elementary School Fund	2,802.00
4. To be received from the State Irreducible School Fund	1,250.00
5. Transportation	13,267.00
6. To be received from interest on deposits and sinking fund	100.00
7. To be received from other sources	15,000.00
7. TOTAL ESTIMATED RECEIPTS (Item 1 to 6, Inc.)	\$48,025.00
Estimated Expenditures	
I. GENERAL CONTROL	
1. Personal service:	
(1) Superintendent	\$ 2,750.00
(2) Clerk	300.00
(3) Compulsory education and census	50.00
(4) Other services	50.00
2. Elections and publicity	40.00
3. Legal service (clerk's bond, audit, etc.)	25.00
4. Other expense of general control	150.00
5. Total Expense of General Control	\$3,365.00
II. INSTRUCTION—Teaching	
1. Personal service:	
(1) Teachers	\$30,000.00
(2) Emergency	800.00
2. Total Expense of Teaching	\$30,800.00
III. OPERATION OF PLANT	
1. Personal service:	
(1) Janitors and other employees	\$2,400.00
2. Janitors' supplies	300.00
3. Fuel	800.00
4. Light and power	700.00
5. Water and sewer	175.00
6. Other expense of operation	100.00
7. Total Expense of Operation	\$4,475.00

IV. MAINTENANCE & REPAIRS	
1. Repair and maintenance of furniture and equipment	\$ 350.00
2. Repair and maintenance of buildings and grounds	500.00
3. Other expense of maintenance and repairs	150.00
4. Total Expense of Maintenance and Repairs	\$1,000.00
Indebtedness	
1. Amount of bonded indebtedness (include all negotiable interest-bearing warrants issued under section 35-1104)	\$19,000.00
2. Amount of warrant indebtedness on warrants issued and endorsed "not paid for want of funds"	26,295.00
3. Total Indebtedness (sum of items 1, 2)	\$45,295.00
V. AUXILIARY AGENCIES	
1. Library:	
(1) Library books	\$ 500.00
(2) Supplies, repairs, etc.	50.00
2. Health service:	
(1) Supplies and other expenses	25.00
3. Transportation of pupils:	
(1) Personal service	14,000.00
4. Total Expense of Auxiliary Agencies	\$14,575.00
VI. FIXED CHARGES	
1. Insurance	\$ 310.00
2. Total Fixed Charges	\$ 310.00
VII. DEBT SERVICE	
1. Principal on bonds (include negotiable interest-bearing warrants issued under section 35-1104)	\$ 1,500.00
2. Principal on warrants	26,294.00
3. Interest on bonds	1,058.00
4. Interest on warrants	1,500.00
5. Transfers to sinking fund	3,000.00
6. Other debt service:	
(1)	202.00
8. Total Debt Service	\$33,554.00
VII. EMERGENCY	
	\$ 1,000.00

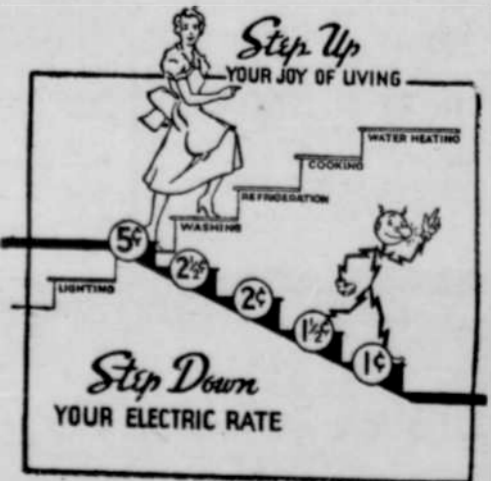
RECAPITULATION
Total estimated expenses for the year (sum of items I-6, II-8, III-8, IV-4, V-2, VII-8, VIII)
\$89,079.00
Total estimated receipts, not including proposed tax
48,025.00
Balance, amount to be raised by district tax
\$21,886.75

Dated this 30 day of September, 1938.
Signed: B. B. LIENKAEMPER, District Clerk; ALICE WILSON, Chairman, Board of Directors of Directors
Approved by Budget Committee September 30, 1938.
Signed: C. C. HUNT, Secretary, Budget Committee; DICK TENSEN, Chairman Budget Committee



"The MORE Electric Service You Buy—The LESS It Costs!"

★ Unusual isn't it? But it's true. As you add electrical appliances and make freer use of electric service your average electric rate goes down. The famous "step-down" rate makes this possible. That's the reason why Idaho Power's customers are among the largest consumers of electric service in the nation . . . at rates among the lowest in the country, too. It's false economy to limit your use of electric service. It costs little to add appliances in your home because increased use brings DECREASED RATES. Let electric service carry the big burdens of home-making . . . water heating, cooking, cleaning, laundry and dozens of other jobs you can readily think of.



EVERY ELECTRIC APPLIANCE YOU BUY HELPS LOWER YOUR ELECTRIC RATE

IDAHO POWER
Electricity...Does So MUCH-Costs So LITTLE!

USE JOURNAL WANT ADS.