

## FOURTH ANNUAL MORROW COUNTY FARMERS' UNION PICNIC

At Fair Grounds, Heppner  
SATURDAY, JUNE 2, 1917

### A Program of Education and Entertainment

PARSON'S NOVELTY ORCHESTRA of Portland will furnish music during the day. They are worth coming miles to hear.

Hear a thorough discussion of the Road Bonding Issue.

Prominent speakers will talk on both sides of this important question. All measures on Special Election Ballot will be discussed and explained.

### Big Dinner on Grounds at Noon

Everyone is invited to come with a well-filled basket and enjoy a day of education and recreation

#### CONTROL OF POTATO DISEASES.

Potato growing is an important industry of Oregon and is generally a profitable one. The acreage in potatoes, however, and the average yield per acre have been decreasing during recent years, particularly in certain sections of the State where the soil diseases have been especially prevalent, for this decrease in the production of potatoes has been very largely due to disease. The comparatively rapid increase in the number of diseases affecting potatoes, is due in part to the continuous culture of potatoes on the same land for a period of several years. This unfortunate practice furnishes excellent conditions for the propagation of the common diseases and for the origination of new ones.

#### GENERAL CONTROL MEASURES.

It is fortunate that practically all of the diseases attacking the potato can be successfully controlled by comparatively simple and inexpensive measures. It should be borne in mind that the control of these diseases DEPENDS ENTIRELY ON PREVENTION AND NOT ON CURE. If, for instance, a potato leaf is infected with blight, it can not be cured of this disease to other leaves or other plants can be prevented by spraying properly.

Spraying.—In order to control cer-

tain of the leaf diseases such as late blight or early blight, spraying of the potato plants must frequently be resorted to. For this purpose Bordeaux mixture has proved to be the most efficient spray mixture used, of which the following formula is most frequently employed and is apparently best for potatoes:

Copper sulfate (Bluestone)..... 5 pounds  
Lump lime..... 5 pounds  
Water..... 50 gallons

This is briefly and commonly expressed as 5-5-50 Bordeaux. A weaker solution such as 3-4-50, may often be used with good results if it is thoroughly applied.

Early Blight.—Early blight attacks only the potato leaves, causing brown spots thereon, which as they enlarge develop concentric rings or markings, producing a "target" effect. When the spots are numerous, they kill the leaves with a consequent reduction in the yield of the potatoes. In contrast to late blight this disease develops best in warm dry weather. It is not serious in this State but where present can be successfully prevented by thorough and timely sprayings with Bordeaux mixture.

Tip Burn.—Tip burn is a drying and dying of the leaves, beginning at the tips and margins and working inward. The leaves often roll and becoming brown, present a scorched appearance. This trouble is usually

most pronounced on light soils and during hot, dry periods. If possible maintain an adequate soil-moisture supply by irrigation or careful cultivation. This disease can be largely prevented by timely spraying with Bordeaux mixture due probably to the shading effect which this spray has on the foliage of the potato plant. All growers of potatoes should write to O.A.C. for Bulletin 186.—M. B. McKay, Asst. Plant Pathologist at O.A.C.

### WOOL SALE DATES ARE ANNOUNCED

The Oregon Woolgrower's Association has announced the following schedule of dates for the annual sealed bid sales:

Heppner.....	Friday, June 15
Echo.....	Monday June 18
Pilot Rock.....	Tuesday June 19
Condon.....	Thursday June 21
Shaniko.....	Saturday June 23
Bend.....	Monday June 25
Redmond.....	Monday June 25
Maupin.....	Tuesday June 26
Madras.....	Tuesday June 26
Enterprise.....	Wednesday June 27
Joseph.....	Wednesday June 27
Baker.....	Thursday June 28

## WHEELER STOCKMAN STRONG FOR BONDS

R. J. Carsner Says This Is the One Opportunity For Oregon To Initiate A Constructive Road Building Program.

R. J. Carsner, prominent Wheeler county stockman who has been spending several days in Heppner on business, is a strong supporter of the road bonding bill.

This is a great opportunity for Oregon to begin a constructive road building program according to Mr. Carsner's belief. "Oregon has dribbled away millions of dollars under the old system and we are but very little better off than we were in the beginning," said Mr. Carsner. "Here is Interior Oregon from Wheeler county to the Nevada line, comprising an area larger than the state of Pennsylvania and more than twice as large as Belgium, without a main highway.

"The present condition of what few roads there are in that territory is lamentable and the system of past years has made no improvement.

"I am surprised that the state organizations of farmers, the Grange and Farmer's Union, should be opposed to the bond bill, inasmuch as there will be no increased taxation so far as the farmer is concerned and the increased automobile tax will have to be paid whether the bond measure passes or not. This is the first time in their history that the State Grange has had an opportunity to go on record, and it lines up against that which is of such vital importance to every member of the organization."

Mr. Carsner owns a large ranch in Wheeler county, and the passage of the bonding measure will effect his property only in an indirect way, but he says he can plainly see the benefits to be derived from the new road plan to be inaugurated and therefore he is working for the ultimate success of that plan.

#### Shearing Plant Closed.

Friday the spring sheep shearing season, at the Echo plant, was completed after six weeks work. During this time approximately 80,000 sheep were shorn. The work here took longer than usual this year on account of delays caused by the cold weather and rain.

Saturday the entire crew left for Huntington, where Jake Wattenburger will have charge of the crew.

#### Feminists At N. E. A.

Because of the conspicuous part women have played in education and in politics in the West during recent years, unusual interest will center around the coming of some of the nation's foremost women to the National Education Association convention in Portland next July. Half a dozen receptions and banquets in honor of Ella Flagg Young, Chicago's noted woman educator, have already been planned. Mrs. Young's chain of receptions will begin Saturday evening, the first day of the convention, when the Oregon Civic League will give a banquet in her honor in the Multnomah Hotel.

Edith K. O. Clark, Superintendent of Public Instruction of Wyoming, is one of the newer women superintendents who has rapidly come to the front in her able work in interesting her teachers in the Portland convention. Superintendent Mary C. C. Bradford of Colorado has been one of the leaders in N. E. A. circles for a number of years. From Minneapolis will come the well-known school board woman, Miss Mae Snow. Parent-Teacher Associations, and many women's clubs on the railroad lines entering the state of Oregon have promised to have committees meet the trains as they pass through to present flowers to the visitors.

#### At The Churches.

##### The Federated Church.

The church services and the Sunday school will be combined next Sunday morning in a Children's day program. Children will come at 9:45 as usual and the program will start at 10:30. These services are always specially attractive and we invite parents and all interested in the school to be present.

Theme for evening sermon "With God all things are possible", a study. Christian Endeavor at 7:00 P. M. Topic "Bible Study Habits". Leader, Norton Winnard.

H. A. Noyes, Pastor.

##### Church of Christ.

Children's Day services will be held at the regular preaching hour Sunday morning. In connection with this service there will be a picture sermon on "Little Foxes." In the evening the subject for consideration will be "Is it Easier to Serve the Devil Than to Serve God?"

N. A. Clark returned Friday from Portland where he had taken his daughter Nellie for treatment. The young lady will remain in a hospital for several weeks. Her condition is improving according to last reports.

## A Cordial Invitation

Is extended to the people of Morrow county to call and inspect our remodeled lobby and see what changes we have made for the convenience and comfort of our guests.

### PARSON'S ORCHESTRA

will furnish music throughout the day on Saturday, June 2. We believe that our improvements are a benefit not only to ourselves but to the general public.

You will be welcomed.

## The Palace Hotel Co.,

By J. L. WILKINS, Mgr.

I have just received a lot of Ladies' genuine imported Peruvian Panama Hats. Just the thing for summer wear. Priced at \$3 to \$6.

MRS. L. G. HERREN.

Wm. Shipley, who has been working for Wm. Padberg, the Morrow county wheat king, for the past nine years, spent several days in Heppner last week.

FOR SALE—One second hand sixteen-foot Holt Combine with four-foot extension, 24 inch cylinder, 36 inch rear. The separator is driven by a 35 h. p. engine. There is also a 20-horse hitch included. Price \$1,000.00. Will trade for horses, mules or cattle. For further particulars call on or address R. A. Thompson, Athena, Ore. 2t.

## Hardware

Is all the name implies and nothing more. Some hardware is better than other. That depends.

We carry complete lines of Hardware in the best known and more widely advertised lines.

## Vaughn & Sons

Hardware Dealers

When your thoughts  
turn to Eats

Think of Us

PHELPS GROCERY Co.

## L. MONTERESTELLI

MARBLE AND GRANITE  
WORKS

PENDLETON, OREGON

FINE MONUMENT AND CEMETERY WORK

All parties interested in getting work in my line should get my prices and estimates before placing their orders

ALL WORK GUARANTEED