

### FARM BUREAU NEWS

By C. C. KENNEDY, County Agent

**Much Damage Due to Seed Treatment.**  
 Many thousands of bushels of wheat will be treated for smut in the coming season. This operation is worthy of much attention for two reasons: First, it must be well done in order to kill the smut spores; second, it must be carefully done that you kill no wheat.

In spite of the fact that the treating is a simple process every year there is a certain per cent of the field which contains as high as ten per cent of smut, which means a great loss to the farmer for seedling the same. The treatment must be carefully done, especially with the club wheat, which smuts easily. The formaldehyde method is perhaps the easiest and ordinarily the cheapest, but considerable grain is killed by this method for the grain is not sown promptly following its treatment. The safest rule to follow is that of not treating very far ahead but rather treating one day what will be sown the next day.

Last year one farmer whose operations we observed treated all his seed wheat before sowing seedlings. The wheat which was sown the day following the treatment gave a 25-bushel yield, and as he went farther on the field the stand was cut down thinner and thinner, getting about 2 1/2 bushels as he got farther into the center. The yield was due entirely to stand. It may be a little more trouble but don't take the chance. The formula of one pint of formaldehyde to forty gallons of water is a good one. Dipping half sacks of

wheat into this solution is a very successful method and will give satisfaction unless you have smut balls present. However, if smut balls are found in the grain they should be fanned out because no treatment has been devised which will kill these smut pores in the outer hull. These live smut pores reinfect the grain when the smut balls break in the process of drilling.

The bluestone method is an old form which is quite reliable but which does as much or more damage to the grain than the formaldehyde. In tests recently conducted where the bluestone method was used it showed that as high as 25 per cent of the wheat was killed in the treatment. This can be overcome and the killing cut down almost to the zero mark by dipping wheat which has been treated with bluestone in a lime bath made by dissolving one pound of quick lime to ten gallons of water.

**SAFE RULES TO FOLLOW:**  
 First of all, seed wheat should be fanned to remove all light kernels and smut balls.

Do not guess at the strength of your solution. Weigh your bluestone and measure your formaldehyde.  
 Plan to sow your grain treated with formaldehyde within a couple of days after treating and if you are using bluestone use a lime water bath following.

We will be in position to supply copper-carbonate for treating bushel lots of seed to a limited number of farmers. It will be cooperative in this test call the County Agent's office.

#### Fall Wages Average \$45.

It is the consensus of opinion among members of the labor committee and farmers interviewed that \$45 per month and board is the proper wage that should be paid for fall work. At present

there is plenty of help in the country and should it be necessary, however, to get help from the outside you will find plenty of help can be sent west direct to the Pacific Employment Co., 123-225 Broadway St., Portland, Or., or to the Bureau of Employment Co., 14 1/2 and 2nd St., Portland, Or., introducing what you want your man to do, the length of the job, wages paid, whether or not they should bring blankets, etc. You should have no trouble in getting your man up the next day or so. These usual

conditions can be sent in collect but it is really better to anticipate your needs wherever possible and write to them. At present plenty of help can be sent west direct to the Pacific Employment Co., 123-225 Broadway St., Portland, Or., or to the Bureau of Employment Co., 14 1/2 and 2nd St., Portland, Or., introducing what you want your man to do, the length of the job, wages paid, whether or not they should bring blankets, etc. You should have no trouble in getting your man up the next day or so. These usual

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Members of Heppner Lodge No. 255, I. O. O. F., will please take notice that there will be a regular meeting of the lodge in Elk's temple tonight at the usual hour.

## Good Clothes

I have just received a full line of

### Kirschbaum Suits

Stock includes all sizes and a great many very desirable weaves and colors, each one is an excellent buy.

### Whight's Famous Spring Needle Underwear

Absolutely all-wool and guaranteed not to scratch. Also "Syleo" Knit quality underwear and Atlas union suits, at prices ranging from

Every article purchased from me is absolutely guaranteed to give satisfaction in every way, and should it not do so it will be replaced or its purchase price refunded upon return to the store.

## DAVID WILSON

### Prices Are At "Rock Bottom"—BUY NOW!

**TODAY YOUR**  
**\$250.00 WILL BUY**  
**AND**

## Tum-A-Lum Lumber Co.

Heppner                      Lexington                      Ione

**WHERE TO EAT**

**The Question Is Settled**

**DINE WITH US**

Our New Big Dining Room is not exclusive to transient trade. It's for the folks of Heppner First, Last and All the Time.

—Give the wife a rest and a treat—a Sunday dinner here.

**SHORT ORDERS, TOO**

**Elkhorn Restaurant**  
 Willow Street

**50 good cigarettes for 10c from one sack of**

**GENUINE "BULL" DURHAM TOBACCO**

We want you to have the best paper for "BULL." So now you can receive with each package a book of 24 leaves of Bull—the very finest cigarette paper in the world.

**A. M. EDWARDS**  
**WELL DRILLER**  
 Lexington, Ore.  
 Box 14

Uses up-to-date traction drilling outfit, equipped for all sizes of hole and depths.

**WRITE FOR CONTRACT AND TERMS**

## STAR THEATER

FRIDAY, SEPTEMBER 23rd

Alice Calhoun in

### "The Charming Deceiver"

and the 4th episode of "FIGHTING FATE"

SATURDAY, SEPTEMBER 24th

### "A Beggar In Purple"

A story of American business men, methods and morals. Full of punch, power and virility. Also Pathe Review and Comedy.

SUNDAY, SEPTEMBER 25th

## Lon Chaney in The Penalty

adapted from Gouverneur Morris' famous book. A thrilling tale of love, crime and mystery in picturesque San Francisco. Lon Chaney's interpretation of the man with the face of Satan and the twisted soul stands out as one of the greatest performances in motion picture history.

Also another of Booth Tarkington's two reel comedies, "EDGAR CAMPS OUT" The Star Theatre at Heppner is the only theatre in the state where you can see a programme of this type for less than Fifty Cents. This is not Hot Air, come and see for yourself.

20 and 30 Cents

## Two Whole Weeks of Joy

Starting Monday, Sept. 26th

## The Macy & Baird Comedians

PRESENTING THE BEST OF COMEDY DRAMAS WITH HIGH-CLASS VAUDEVILLE BETWEEN ACTS.

OPENING PLAY

### "SAINTS AND SINNERS"

ADULTS . . . . . 55c  
 CHILDREN . . . . . 30c  
 RESERVED . . . . . 75c

War Tax Included

SEATS ON SALE AT PATTERSON'S DRUG STORE

See "Toby" the funny rube kid

This Ticket and 5c War Tax Will Admit One Lady  
**FREE**  
 TO STAR THEATRE, MONDAY, SEPTEMBER 26th

Guaranteed **CLEAN AND WHOLESOME**

## Sure Some Show!!

*There's an advantage to you*

**in the**  
 .resources  
 .experience  
 .knowledge  
 .equipment

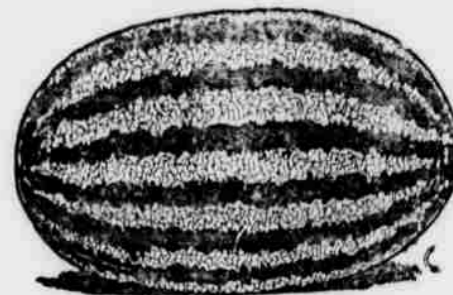
*of the Standard Oil Company which combine to make ZEROLENE an oil of quality*

**Correct lubrication**

**ZEROLENE**  
 For Motor Cars

STANDARD OIL COMPANY (CALIFORNIA)

## Watermelons



Are now in their prime

We get them fresh from IRRIGON every other day

You know what *Irrigon Quality* means!

## Phelps Grocery Co.

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