

MEMBERS RETURN FROM AUTO TRIP

Mr. and Mrs. E. Bender and son Gordon, returned Friday evening from a six-week auto trip through Oregon and California and report a delightful time.

Returning they stopped over night at the Portland auto camp grounds and this is what Addison Bender, former Morrow county newspaper man now doing the camp ground beat for the Oregonian has to say about them in his column:

"E. Bender and wife, from Heppner, Morrow county, arrived in camp Wednesday night. With them is their son Gordon, age 12. Mr. Bender is the regular conductor of the Heppner branch of the O. W. R. & N. from Heppner Junction to Heppner. They left for a trip of six weeks and have had a fine time. They have been most of the time in California, and report that for 12 miles, between the Oregon line on the summit of the Shastya mountains and Redding, the road is not hard-surfaced. The California roads, as far as they saw them, are not to be compared with our better Oregon roads. As to camping grounds, they think the Portland camp far ahead of anything they found. They will 'set sail' for Heppner in time to reach Heppner Friday evening, or, anyhow, in time to take Mr. Bender's regular run out of Heppner Monday morning."

NEW SMUT TREATMENT

(Continued From Page One)

Bluestone showed 74 per cent smut. All of the copper-carbonate treated wheat came up showing a perfect stand and in one instance the wheat treated with formaldehyde had to be re-seeded.

The county agent of Franklin county states that he got .5 of one per cent smut where they used copper-carbonate on Early Bart as against 12 per cent where it was dipped. In every case they had from 20 to 100 per cent better stand. The sprouting occurred about four days in advance of the dipped seed and they used 60 pounds where it is treated dry as against 75 pounds where treated with the copper-carbonate and yet they had a hundred per cent better stand. The dry treated grain yielded 16 bushels while the formaldehyde treated wheat yielded 11 bushels. There was a gain of 3000 bushels in yield on this one 600 acre field. Note that 15 pounds less were seeded per acre too.

We have promised a summary of these results over the Northwest to Morrow county farmers and they are free to draw their own conclusions. The copper-carbonate tests have shown up much better than anticipated.

There are several decided advantages in favor of the dry treatment a few of which might be mentioned:

1. No seed is killed in treating, therefore,
2. You not only get a better stand which is mighty important, but
3. You know what to depend on from your seed when you plant it. With the old method it is always a question as to what per cent has been killed or injured.
4. Dry treated seed is better when seeding in dry ground.
5. It therefore works in well with early seeding which is mighty important in obtaining good yields.
6. It is easier to treat with the powder, a machine being made, which will make it possible to fan and treat in one operation.
7. Wheat can be treated ahead of time.
8. It has proven to be fairly effective for smut control and when the wheat is machine treated no doubt it will give much better results.

The old methods of treatment are too familiar to all to need any comment.

Several farmers have indicated they wanted to treat their wheat with the powder this fall and indications are that the acreage so seeded will be rather large. We would suggest that extreme care be taken to see that the wheat is well treated. According to recommendations from the Pathology department from Corvallis it is necessary to so treat the wheat that it will get into the crease and brush end of the wheat thoroughly. This, he states, can best be accomplished by the use of a machine. In order to make the treating with the dry powder possible and practical the County Agent has been working on a machine which will receive the wheat from the fanning mill, treat and deliver into sack ready for seeding. This machine is being tested and when perfected will be made locally in sufficient numbers to accommodate those needing them this fall.

Copper-carbonate will cost 22 cents per pound ordered from the Morrow County Farm Bureau and will be delivered to your postoffice upon receipt of your order accompanied by the money. It requires two ounces per bushel, one pound treating eight bushels.

C. C. CALKINS

COUNTY TREASURER'S NOTICE

Notice is hereby given that all General Fund County Warrants registered up to and including December 31, 1921, will be paid upon presentation at my office on and after August 29, 1922, after which date interest will cease.

T. J. HUMPHREYS,
County Treasurer.

Dated at Heppner, Oregon,
August 15, 1922. 16-18

PROFESSIONAL CARDS

R. Z. GROVE
DENTIST
Successor to R. J. Vaughn
Permanently located in Odd-fellow's Building
HEPPNER, OREGON

DR. A. D. McMURDO
PHYSICIAN and SURGEON
Telephone 122
Office Patterson's Drug Store
HEPPNER, OREGON

F. A. McMENAMIN
LAWYER
Office Phone Main 643
Residence Phone Main 665
Roberts Building
HEPPNER, OREGON

S. E. NOTSON
ATTORNEY-AT-LAW
Office in Court House
HEPPNER, OREGON

DeLUXE ROOMS
Summer Rates
75c & \$1.00
Over Case Furniture Co.

Samie E. Van Vactor R. R. Butler
Van VACTOR & BUTLER
ATTORNEYS-AT-LAW
Suite 304 First National Bank Bldg.
THE DALLES, OREGON.

WATERS & ANDERSON
FIRE INSURANCE
Successors to
C. C. Patterson
HEPPNER, OREGON

WOODSON & SWECK
ATTORNEYS-AT-LAW
Masonic Building
HEPPNER, OREGON



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Often times in looking over the paper you see an opportunity to invest some money in a profitable enterprise or you see some article you want very much advertised at a bargain.

And if you have been wise and have a Bank Account you can take advantage of the offer to your own profit and enjoyment.

Start Saving now -- and be prepared for any opportunity that may arise.

First National Bank
HEPPNER, OREGON

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SEE US

When in need of anything in the line of neat and attractive Printing.

Notice to Sportsmen

GUS PERET, the famous rifleman, will be in Heppner September 1st and will give a free demonstration of his skill with the rifle.

This Exhibition Will Be Well Worth Seeing

Peoples Hdw. Co.

for your Fall Supply of Rifles, Shot Guns and Ammunition.

Fruit Jars!

Economy Sure Seal

Selfsealing Masons

—Wide and Narrow Tops—

Regular Masons

Phelps Grocery Company