

White Star Flour

A

Home Product

Made From Morrow County's

Finest Bluestem Wheat

**HEPPNER MILLING
COMPANY**

People's Cash Market

Phone Main 73

All kinds of Fresh and Cured Meats, Poultry, Lard

We pay highest cash prices paid for Stock, Hides and Pelts.

HENRY SCHWARZ, Proprietor

THE FIRST NATIONAL BANK OF HEPPNER

We Invite Your Banking Business

We pay four per cent. on funds left with us in the form of a Time Certificate, for either six months or a year.

We also pay four per cent. on Savings Accounts.

We rent safety deposit boxes by the year at reasonable rates.

Information cheerfully furnished regarding the above.

THE First National Bank OF HEPPNER

Drink "Grape Smash"

The pure flavor of the Concord Grape
5c a glass

Fresh Ice Cream Every Day--WE MAKE IT

THE PALM

The Home of Good "Sweet Meats"

BONDS and INSURANCE

INSURE IN

Royal Insurance Co. and Fireman's Fund

AND YOUR BONDS IN

United States Fidelity Guaranty Co.

Rates furnished upon request

T. J. MAHONEY : : Heppner, Oregon

Licensed Embalmer Lady Assistant
J. L. YEAGER
FUNERAL DIRECTOR
Phone Residence Heppner, Oregon

KNOW THY COUNTRY

III--Telegraph and Telephone

Our transportation facilities are the most perfect product of this great commercial age and the telegraph and telephone systems of this nation crown the industrial achievements of the whole world. These twin messengers of modern civilization, born in the skies, stand today the most faithful and efficient public servants that ever toiled for the human race.

They are of American nativity and while warm from the mind of the inventive genius have, under American supervision, spun a net-work of wires across the earth and under the seas. Telegraphy, in its early youth, mastered the known world and the telephone has already conquered the earth's surface, and now stands at the seashore ready to leap across the ocean.

No industry in the history of the world has ever made such rapid strides in development and usefulness, and none has ever exerted a more powerful influence upon the civilization of its day than the Telegraph and Telephone. Their achievement demonstrates the supremacy of two distinct types of American genius--ingenuity and organization.

The industry was peculiarly fortunate in having powerful inventive intellect at its source and tremendous minds to direct its organization and growth. It is the most perfect fruit of the tree of American industry and when compared with its European contemporaries, it thrills every patriotic American with pride.

Ambitious youth can find no more in-

spiring company than the fellowship of the giant intellects that constructed this marvelous industry and a journey along the pathway of its development, illuminated at every mile-post of its progress by the lightning-flashes of brilliant minds, will be taken at a very early date.

A brief statistical review of the industry brings out its growth and magnitude in a most convincing and unforgettable manner.

The telephone service of the United States is the most popular and efficient and its rates are the cheapest of the telephone systems of the world.

We are the greatest talkers on earth. We send 60 per cent of our communications over the telephone. The world has about 15,000,000 telephones and of this number the United States has approximately 9,540,000, Europe 4,020,000 and other countries 1,300,000. According to the latest world telephone census, the total telephone investment is \$1,906,000,000 and of this amount \$1,095,000,000 was credited to the United States, \$636,000,000 in Europe and \$175,000,000 in other countries. The annual telephone conversations total 24,600,000,000 divided as follows: United States 15,600,000,000; Europe 6,800,000,000, and other countries 2,200,000,000. The total world wire telephone mileage is 33,262,000 miles divided as follows: United States 20,248,000, Europe 10,335,000, and other countries 2,679,000. About six per cent of the world's population and sixty-one per cent of the telephone wire mileage is in the United States.

HOGGING-OFF VARIOUS CROPS.

By C. L. Smith, Agriculturist of the Oregon-Washington Railroad & Navigation Co.

It is a well recognized principle of manufacturing that to reduce the cost of production and at the same time maintain the quality of the product, means direct increase in net profits. The wide variation found on different farms in the cost of pork production would indicate that if the methods were followed by the man who produces pork at the least cost were in general practice, the actual cost would be reduced more than one-third.

Careful investigation on many different farms shows that the average cost of harvesting a crop equals the cost of growing it ready to harvest. It has also been demonstrated by numerous experiments, that the pig can do the harvesting of various crops without wasting any food material. It follows logically therefore that up to the extent that the pig can do its own harvesting there is a saving of 50 per cent on the cost of each pound of meat produced from an acre of ground where the pig does the harvesting.

It is seldom practicable to produce pork at the least cost by having the pig harvest all of its feed, but to the extent that the pig can do the harvesting satisfactorily, it is decidedly profitable to let the pig do it. Pasture grass to the extent of one-half the daily feed is probably one of the cheapest class of pork-making material. Next to this, comes any of the cereal crops--such as rye, wheat, barley, oats, peas, or corn, to be hogged-off.

The farmer who will arrange such a system of cropping as will enable him to hog off the various crops at the right season, can very materially lessen the cost of pork production. The best permanent hog pasture is a combination of grasses and clovers, including alfalfa. Alfalfa alone is not a satisfactory or economic hog pasture. Winter rye will furnish the earliest satisfactory feed for a season, and if there is no permanent grass and clover pasture, then the rye should be supplemented by seedling early on well prepared ground, a mixture of spring grains seeded very heavily, say 100 lbs. per acre. This may include spring wheat, spring rye, barley, oats and three of four pounds of sorghum, kafir, milo maize or federetta. If the pasture is divided into about four separate lots, so that the pigs may be changed to a new plat each week, which will give each plat three weeks rest to one weeks pasturing, the same area of land will carry satisfactorily twice the number of pigs.

The earliest annual crop with which to supplement the pasture is peas and oats. To grow the peas and oats to the best advantage, manure the ground in the fall, and disc, mixing the manure well with the surface soil. The ground may be fall plowed, or plowed as early in the spring as it is dry enough to crumble from the mould board. Disc or pack with a Campbell sub-surface packer, and drill in the peas three and one-half to four inches deep, one hundred pounds per acre; then one week after seed forty pounds of oats per acre half as deep as the peas.

Enough peas and oats should be seeded to take care of the pigs until the winter wheat is in the dough. If the winter wheat then is supplemented by an equal area of spring wheat, they can ordinarily be kept on the wheat for four or five weeks.

March farrowed pigs that have had a light grain ration each day, in addition to the pasture, will be in condition to make very rapid gains and will, in fact, make more pounds of meat per acre from each acre of wheat hogged-off at this time of year than they would be able to do from the same amount of wheat harvested, threshed, rolled and fed in the most approved manner. When the wheat has become fully ripened and hardened, they could still be allowed to get a part of their daily food from the ripe wheat, but if this is supplemented with green corn, the gain

will be much more rapid than it would from the wheat alone, and the earlier varieties of corn will be in the roasting-ear stage by the time the wheat has begun to harden.

Where land is high priced and the labor is available, the corn may be cut and fed in the wheat field or pasture lot, but it will be found that until the corn is well hardened, the pigs will make more meat from each acre of corn, if fed to them stalks and all or allowed to hog it down, than they will from the same area of corn harvested and fed dry.

Barley allowed to stand in the field without harvesting, will produce more pounds of pork per acre during the fall and winter if the pigs do their own harvesting, than will the same amount of barley threshed, rolled and fed in the house or feed lot.

Ordinarily, it will be found advantageous to give the pigs every evening a light feed of some other kind of feed than that which is being hogged-off, for it is a well recognized fact that other things being equal, the greater the variety in the ration the better will be the results from each pound of feed fed.

If in hogging-off any kind of crop, portable fence is used and only so much of the area uncovered at a time as the pigs can clean up in three or four days, there will be less waste and better gains from the same area than where the pigs are allowed to run over the whole field. The manner, however, in which the hogging-off is done must depend in a great measure upon the location of the farm, fencing, labor, water and other factors that must be considered, but it has been demonstrated beyond the possibility of a doubt that up to the extent that the pigs do their own harvesting the cost of producing the meat is reduced about one-half.

FOR SALE--3000 Posts (in town) 10c each. PHELPS GROCERY CO.
10 tons good clean wheat hay: \$15.00 delivered.
PHELPS GROCERY CO.

NOTICE.
The city council has ordered all past due accounts on the 1914 oiling bill, collected. Property owners who have failed to settle their accounts in this respect are asked to pay when the collector calls.

Kill The Flies.
Now is the time to swat the flies. Kill one fly now and you will do better than killing a thousand later. Clean up all filth, thereby destroying their breeding places. Everybody get a swatter and kill the flies as they appear.

DR. A. D. McMURDO,
City Health Officer.

ANNOUNCEMENT.

To the People of Heppner and Vicinity:
Owing to the fact that the report is being generally circulated that I am contemplating leaving Heppner, I desire to inform the public that I am here to stay.

I have leased the shop connected with the Heppner Garage which is one of the best equipped automobile repair and machine shops in Eastern Oregon.

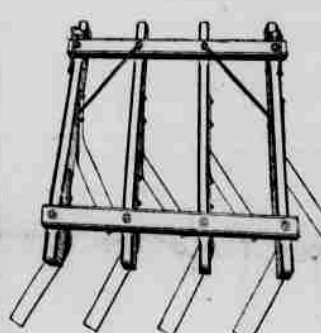
I have had years of experience as an expert automobile mechanic, guarantee all work turned out and personally inspect every car before permitting it to leave the shop, and make my charge as reasonable as possible, consistent with expert, reliable work, and assure you that I shall continue to do so.
Assuring you of my appreciation of your liberal patronage, I remain,
Respectfully yours,
JACOB KING.

JUST RECEIVED by Gilliam & Bisbee

A carload of FAIRBANKS & MORSE Gasoline Engines direct from the factory
At Greatly Reduced Prices
At least 25 per cent under last year's prices

We are fully equipped for installing
Deep Well Pumps and Irrigation Systems
of all kinds, and guarantee all work to give satisfaction
When you want water
get our prices before closing a deal

DON'T RAISE WEEDS ON YOUR SUMMERFALLOW!



USE A
Jones Weeder
"Made in Morrow County"
(Patented Dec. 16, 1913.)

Summerfallowing is being done earlier this year than common. Weeds will come earlier and there will be more of them. Get after them early before they ruin your Summerfallow. The JONES WEEDER is the best and most speedy weeder ever built for that purpose. Built in sections like a harrow; each section cuts five feet and you can use as many sections as you want. The knives have a slope of 60 degrees and will not choke under normal conditions.
This weeder has been tried out on the same field with other weeders and has done more satisfactory work. The JONES WEEDER has been fully tested. Ask a farmer who uses one. For further particulars, prices, etc., write
**C. E. JONES,
Heppner, Oregon.**

CITY MEAT MARKET

J. FRANK HALL, Prop.
Best in the line of meats handled at the lowest possible prices.
FINEST HOME-MADE LARD AND FRESH AND CURED MEATS.
See Me Before You Sell Your Fat Stock.

HEPPNER WOOD YARD

E. E. BEEMAN, Prop.
DEALER IN
Wood and Coal
Leave orders with Slocum Drug Co. or phone Main 60.

Choice Flour, Feeds, Wood, Coal and Posts, for Sale by

HEPPNER FARMERS' UNION WAREHOUSE CO.
Handle Wheat and Wool. Highest Price Paid for Hides and Pelts.

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