

EXPERIMENT STATION AT UNION IS GREAT AID TO THE FARMER

One of the show places in Union county, which is the objective of many trips or expeditions, is the Eastern Oregon experiment station which is situated south of Union, just outside of the city limits. There, the state owns more than 600 acres of land which comprise one of the largest institutions of its kind in the United States. On the farm is a splendid group of buildings and other equipment to meet the needs of such an institution, if it properly serves its constituency. The history of the experiment station during its years of operation in this part of the state are proof that its existence is justified. It makes no difference what line of agriculture you are practicing, you will find something at the Union experiment station that pertains directly to your line of work. The policy of the station has been developed to meet the needs of this Blue Mountain section of Eastern Oregon, which is a diversified farming community.

Grain
Union county normally produces a million bushels of wheat annually. It was the Union experiment station that developed the pure line selection of Forty-fold which made such a splendid record throughout the wheat growing sections of Eastern Oregon.

In connection with the grain and forage crop investigations, there are the rotation plots where a detailed cropping system is being practiced noting the effect upon growth, yield and quality of crops produced under definite systems of tillage and rotation practices, including such crops as wheat, oats, barley, flax, peas, corn, potatoes, alfalfa and clover.

In addition to this particular line of work at the experiment station, several co-operative tests at different points are made with grain nurseries usually in connection with the county agent.

Beef Cattle
The experiment station maintains

a breeding herd of Hereford cattle, most of the foundation stock of which came from ex-Governor Pierce's herd. These cattle have grown to maturity upon different experimental rations ranging from very scanty ones to what might be termed real fattening rations, in order that definite records may be had concerning cost of production, growth and final development of the individual. It is interesting to note that as three-year-olds there is a difference of 280 pounds in the weight of the lighter fed lots than those in the better fed ones. Likewise there is a \$10,000 spread in the annual wintering cost of these different lots. Another striking feature of the experiment is the fact that the birth weight of the calves from the cows in the light fed lots average five pounds less than those for the better fed lots.

Much work has been done at an experiment station in the way of growing and fattening beef cattle; in fact practically all of the range cattle experimental feeding for the entire state has been done at the Union station.

Dairy Cattle
The experiment station's dairy unit probably attracts as much attention among the farmers as any other unit on the farm. The work at Union has been a splendid object lesson to dairymen by demonstrating what can be done in the way of developing a high class dairy herd by using an outstanding dairy sire.

Sheep
From a financial viewpoint no other unit on the experiment station has equalled that of the 100 grade Hampshire ewes.

Extensive lamb feeding experiments have been conducted at the Eastern Oregon station demonstrating the relative value of various rations. One of the top loads of lambs that ever came to the Portland market was fed at the Union experiment station.

Poultry
The first livestock feeding experiments conducted at the station were with hogs. For the past 20 years those who visited the experiment station could always find some experimental lots of hogs on either growing or fattening rations. A comprehensive study has been made of the relative value of different feeds and systems of management.

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One of the additions to the experiment station's activities is the poultry unit, comprising an up-to-date brooder house, open air range houses, laying house with the necessary runways and yards.

or recreation. Not only were spring conditions unusually dry in most brush areas, but the amount of casual travel for fishing and camping and prospecting has greatly increased. Many reports of fire outbreaks this year blame parties of careless fishermen who left their campfires burning. At this late date, when even young school-boys understand the dangers of forest fires and are diligent in taking precautions, it is surprising to find adult citizens imperiling the sport and livelihood of thousands of the state's fishermen who left their campfires burning. Not more than five minutes is required to extinguish any camp fire thoroughly, and it is little enough to contribute to the woodlands that have willingly provided the first essentials to a happy outing.

Coffee Will Bring Brazil to Olympics

RIO DE JANEIRO (AP)—Coffee will help take Brazil's team of nearly 30 to the Olympic games in Los Angeles.

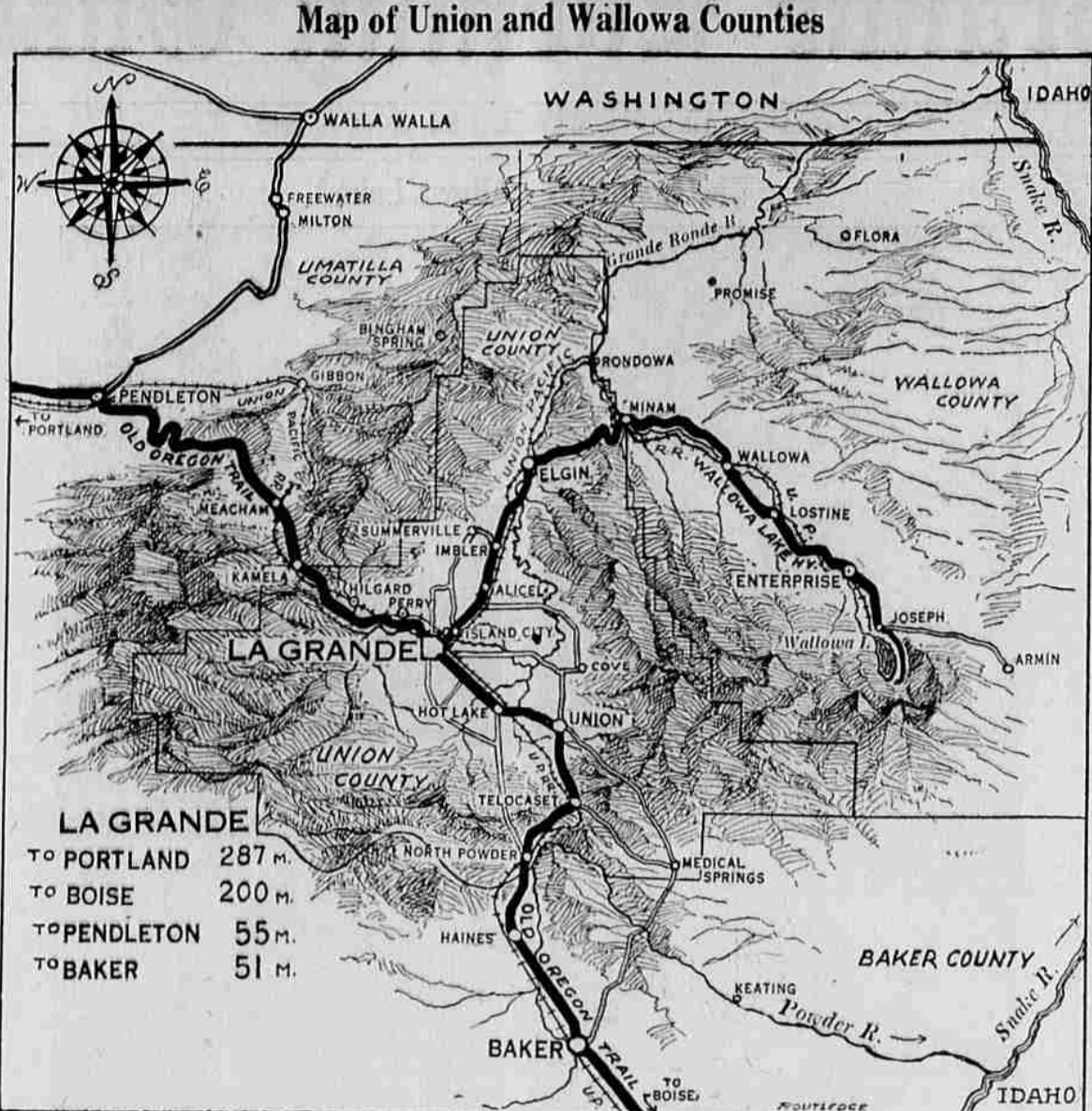
The Itaque of the Brazilian merchant marine, which sails June 20 for Los Angeles with the Brazilian athletes, will carry 30,000 sacks of coffee.

When the Brazilian Athletic federation chartered the steamer it asked the cooperation of the national coffee council in getting a cargo that would defray most of the expenses of the voyage.

The coffee council, in turn, asked exporters to supply the necessary cargo.

Good Government
It is recorded that Confucius, when asked to state in order of importance the three great essentials of good government, declared them to be sufficient food for the people, an efficient army and confidence of the people in their government.

LOSE 24 LETTER MEN
NORMAN, Okla. (AP)—Twenty-four letter athletes, eight of them members of the football squad, have been lost to the University of Oklahoma through graduation this year.



Miles of hard surfaced roads connect La Grande with the important towns and recreation centers of the two counties, and make possible year 'round travel and transportation. Graveled market roads connect the outlying districts with the highways and permit travel in any weather. Ranges of the Blue Mountains completely surround the Grande Ronde and Wallowa valleys, and the Wallowa range is nationally famous for its scenic beauty.

Union Is Oldest Town in County; Fine Home City Was Laid Out in 1863—Named by Persons Supporting North

From that far-off day this little town has grown until now it is made up of a company of about 1500 people, men and women who have an unsurpassed community spirit, who are alive, wide-awake, progressive and in consequence, have about 14 miles south and east of La Grande a splendid little town, with many and varied interests. Union has been called the ideal home town. Its residents claim for it that it is the center of the best farming section in Eastern Oregon.

Union lies in a general locality which is noted for its fruits, its grain, its cattle, its lumber and probably above many other sections, its dairying interests. In a normal year, 75 carloads of cherries have been shipped from Union and 100 carloads of prunes.

The stores of Union have good and large stocks of modern merchandise and capable of supplying all the demands of their patrons. Merchants take pride in the appearance of their stores and the stocks, and the latter are found to be up-to-date and well kept.

As stated before, Union is called "An Ideal Home Town." It has been estimated that at least 85 per cent of the residents own their own homes. This means that almost all dwellings are well kept up and offer an attractive appearance.

Union is justly proud of its schools and school system. On Oregon Trail Union is on the main line of the Oregon Trail highway and has consequently excellent bus service.

No story of this little town would be complete without a mention of some of its distinctly community enterprises.

Perhaps the first to be mentioned should be the Union Live Stock show. Union is known far and wide on account of this one activity alone.

Next in line should come the Union hotel. This is in a way the town's most outstanding feature. Here is a hotel which would be a credit to a town of several times the size of Union. It operates a very excellent dining room, which attracts patrons from a radius of many miles.

Adjacent to the hotel is the city auto park which lies on Catherine creek. It is a beautiful site and is enjoyed not only by the many tourists passing through the city but by the townsfolk as well.

The Eastern Oregon Experiment station adjoins Union on the west and is one of the largest stations of the kind in the United States.

The state fish hatchery is also an important feature. It is situated on Catherine creek just at the eastern outskirts of the town.

Of Asiatic Blood
The races that inhabit modern Hungary, Finland, southern Russia and the Balkans are largely descended from comparatively recent Asiatic invaders.

There are many good places to eat, many good things to eat and with summer days ahead—what fun there is in store. At Union you'll find your friends at Shank's Fountain and Lunch room. It is the ideal place to meet them. Delicious fountain drinks, ice creams and tasty foods are served at their modern fountain and lunch counter or at the booths, all quickly and inexpensively.

J. B. Shanks, owner and manager of the business has been a resident of Union for the past 30 years, having come to Union in 1902. At that time Union was the county seat for Union county.

Aside from the fountain and lunch service, the store sells bakery goods, candies, cigars and cigarettes. It is also the ticket office and depot for the Union Pacific stages.

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Forestry Laws Administered By The State Board of Forestry

The forestry laws of Oregon are under the general administration of the state board of forestry. The governor of the state and the head of the school of forestry of the State Agricultural college are members of the board. Five additional members are appointed by the governor, one each upon the recommendation of the following: The Oregon State Grange, the Oregon Forest Fire association, the West Coast Lumbermen's association, the United States forest service, and the Oregon Wool-growers' association. The board is absolutely non-partisan in character.

The state board of forestry appoints a state forester, who has immediate charge of carrying out the provisions of the state forestry laws. The state forester's office is in the capitol building in Salem.

The state forester, acting under the general policies approved by the state board of forestry, has the following duties: He appoints fire wardens and supervises their work; collects information relative to forest conditions; enforces the law relative to preventing and fighting forest fires; prosecutes violators of the forestry laws; cooperates with land owners in forest protection; advises and encourages reforestation; designates fire protection districts, and indicates areas of forest insect infestation.

Any inadequately protected forest land which is covered wholly or in part by inflammable debris and which constitutes a menace to life and property is a public nuisance. The state forester is compelled by law to take such steps by burning or otherwise, as may be necessary to insure public safety. The cost for doing the required work may be assessed against the owner of the property.

State fire wardens have the authority of peace officers to make arrests for violations of the forest laws. Any warden who fails to perform his duties is subject to fine or imprisonment, or both.

Able-bodied men, when called upon by a fire warden to do so, must aid in suppressing forest fires. A fine may be imposed for refusal to comply.

May 15 to October 1 is designated by law as a closed fire season. During this period areas covered with slash or brush may not be burned over unless a permit for burning has been given by a fire warden. Violations of this regulation are punishable by fine or imprisonment.

During seasons of unusual drought, the governor may by proclamation suspend all burning operations. He may also close the forests to hunting if in his judgment the public safety demands such action.

One may be fined or imprisoned for setting fire on the land of another, or letting fire escape, willfully or accidentally, from his land to that of another.

It is unlawful to leave a camp fire burning, or to make a camp fire without first clearing the ground about it of inflammable debris. Violation of this provision is punishable by fine or imprisonment.

Forest or brush fires burning uncontrolled are, by law, a public nuisance. Persons responsible for such fires are required to make reasonable efforts to put them out. If they fail to do this, state forest officers may do the necessary work and charge the cost against the responsible persons. Such charges constitute a lien upon the property involved.

During the closed season all engines operating in or near forest or brush land must be equipped with effective spark arresters, must have

water under pressure, and must have at least 200 feet of hose.

The slash which accumulates during any year of logging or other woods operation must in that year be removed by burning or else must be fire-proofed in such manner as may be approved by the state forester.

It is against the law, during the closed season, to throw away any lighted tobacco, cigars, cigarette, matches or other lighted material, on any forest land, private road, public highway or railroad right of way.

The destruction of notices posted by authority of the state board of forestry or of the federal forest service is expressly forbidden by law. Every owner of timberland must provide sufficient fire patrol for it during the fire season. Such patrol must be approved by the state board of forestry. If the owner fails to provide such patrol the state forester shall provide it and shall charge the cost to the owner of the land, such charge becoming a lien upon the property, to be collected in the same manner as taxes are collected.

Timberland to the extent of 160 acres is deemed to be adequately protected if more than one-half the acreage lies within one mile of the owner's permanent residence.

County judges are ex-officio fire wardens and may issue or revoke burning permits during the fire season, but every person securing such a burning permit must, at least 24 hours before burning, give notice to each resident owner of adjoining land of the time when he intends to burn.

Forest insects harmful to standing timber are, by law, a public nuisance. Sixty per cent or more of the owners of timberland in a region infested by forest insects may ask the state forester to have the infested area designated as an insect district, and to take the necessary steps to eradicate the insect pests. Owners refusing to cooperate in this work shall have a proportionate part of the cost charged against their property. Failure on the part of the owner promptly to pay this charge shall result in the sale of the property by due process of law and a sufficient amount of the proceeds shall be appropriated to cover the cost of the insect eradication work.

The state board of forestry is empowered by law to accept, in the name of the state of Oregon, gifts of lands which may be suitable for forestry purposes.

No Defeat Mars Pitcher's Record

SEATTLE, Wash. (AP)—Ed Putnam, bespectacled pitcher of University of Washington's baseball team for the last three years, finished his career without a defeat being charged against him.

Only once, as a sophomore, Putnam finished a game that was lost by Washington. The defeat, however, was not charged against him.

MAKES BREAK THROW

FAIRFIELD, Ia. (AP)—Bob Long of Parsons college is not a champion javelin-thrower, but he claims one record. In practice one day this spring he sent the spear hurtling into the very hole in the ground made by the steel tip on the throw just previous.

Ancient Shackles

Bilboes was the name given to a bar of iron with sliding shackles, once used to fetter prisoners.

CANADIAN LOSSES FROM FIRES HEAVY

Damage in Last Five Years is Nearly Five Million Dollars.

OTTAWA, Canada (Special)—Careless on the part of campers in failing properly to put out their camp fires is believed to be one of the principal causes of some of the disastrous fires that have already this year swept through forest areas in different parts of Canada with a consequent loss of many thousands of dollars. It is estimated that the average annual loss from forest fires throughout Canada during the five years, 1926 to 1930 inclusive, amounted to \$4,876,000. The total is made up of the following items: Loss of merchantable timber, \$2,489,000; estimated loss through the destruction of young growth, \$1,080,000; estimated loss through burning over of cut-over land, \$116,000; value of other property burned, \$403,000; and actual cost of fire-fighting, \$788,000. In addition to the financial loss, forest fires often destroy the beauty of a wide extent of countryside.

The following four simple rules should be followed by everyone who camps in a forest or wooded area:

1. Build the camp fire on rock or gravel, near water and always put it dead out.
2. Never throw away carelessly lighted tobacco or matches.
3. When clearing land, build the slash piles far back from standing timber. Choose quiet weather and stand on guard.
4. Make sure when traveling the bush to leave as green as when you found it. Consider always the fellow who follows after you.

A statement just issued by the Canadian Forestry association under the title "The Code of the Woods" reads as follows:

"The forest hazards of 1932, in many parts of Canada, will put an extra burden of responsibility upon those who use the woods for work

and recreation. Not only were spring conditions unusually dry in most brush areas, but the amount of casual travel for fishing and camping and prospecting has greatly increased. Many reports of fire outbreaks this year blame parties of careless fishermen who left their campfires burning. At this late date, when even young school-boys understand the dangers of forest fires and are diligent in taking precautions, it is surprising to find adult citizens imperiling the sport and livelihood of thousands of the state's fishermen who left their campfires burning. Not more than five minutes is required to extinguish any camp fire thoroughly, and it is little enough to contribute to the woodlands that have willingly provided the first essentials to a happy outing."

BEAUTIFUL UNION HOTEL



This modern hotel is indeed a credit to the town of Union, 33 miles southeast of La Grande on the Old Oregon Trail. Its spacious lawn and its large front porch make an attractive exterior, and the rooms are comfortable and well furnished.

Complete Line of Hardware, Dishes, Screen Doors and Windows

FARM MACHINERY AND REPAIRS
SAW BLADES AND OILS
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Complete House Furnishings

DEPENDABLE MERCHANDISE AT LOWEST PRICES

COCK BROS. FURNITURE

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FIRE CHIEF GAS CRACK PROOF MOTOR OIL

COMPLETE AUTOMOTIVE SERVICE LUBRICATION SPECIALISTS

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