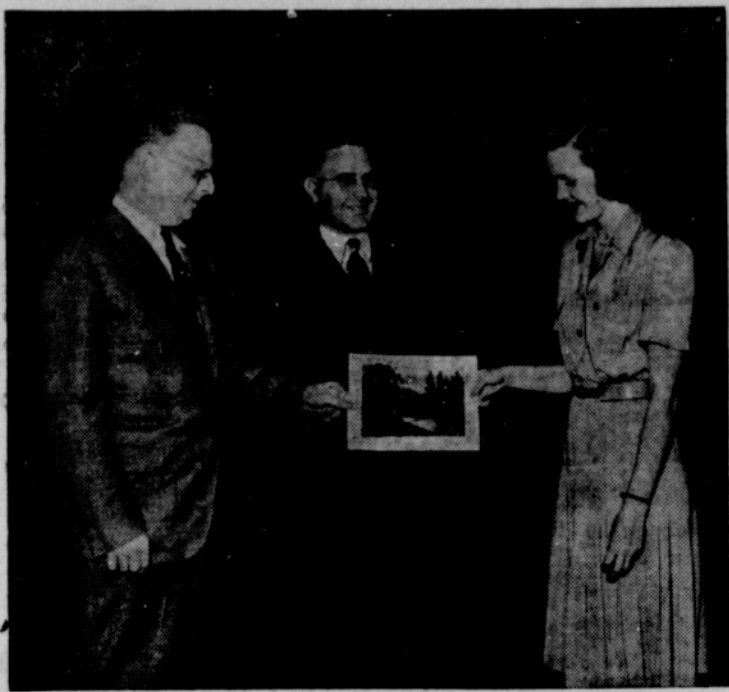


Standard Oil Co. Advertises Oregon



COLOR PHOTOGRAPHS ADVERTISE OREGON

Several million natural color photograph reproductions have been given away by the Standard Oil company of California throughout the west, according to an announcement today by E. D. Gardner, the company's representative.

Reproductions of famed western scenes, including the western national parks, have been distributed during the past few weeks by all Standard Service men.

"These pictures have been mailed by western residents and tourists to friends all over the United States

and even to foreign countries," Mr. Gardner said. "This 'See Your West' program has been praised by those receiving the pictures and the public minded persons who consider the plan to have great advertising value for the west."

Commenting on the series of pictures released to this state, Donald M. Erb, president of the University of Oregon, said, "Although Oregon is widely known as a land of scenic beauty, we must constantly publicize its natural advantages. I am confident that your company's contribution of such outstanding color photos has advertised the state's attractions to many tourists from other sections of the country."

4-H ELECTRICAL CONTEST OPEN TO OREGON MEMBERS

With the rapid increase in electric service in rural areas in Oregon, the national 4-H rural electrification contest affords a real opportunity to club members in this state, says Everett H. Davis, extension specialist in agricultural engineering.

During the four years that this contest has been held, four Oregon boys have won free trips to the national 4-H club congress in Chicago. These state winners have been Eugene Wheeler of Lane county, Edward Weston of Tillamook county, Allen Parker of Multnomah county, and Charles Kik of Umatilla county.

"The national 4-H club rural electrification contest offers recognition and reward to club members for their study of the use of electricity on the farm and in the farm home," said Davis. "The state 4-H club office has approved this contest and any 4-H club member may enter with the approval of his county club agent. It is not necessary that club members

have electricity on their own farms to compete."

A recent national report shows that farm families installing electricity use it first for improvement of the farm home, and then later apply it to farm operations. After installing lights, the most popular electrical appliances appear to be radios, irons, washing machines, refrigerators, toasters, vacuum cleaners, hot plates, and water pumps, in that order.

Many Grasses Survive on Plots
VERNONIA—A test plot of pasture grasses put in on the G. C. Kirkbride farm, about eight years ago, shows a good survival of several of the grasses, says George A. Nelson, county agent, who arranged a tour of inspection to several of these early plantings. Chewings fescue and tall fescue are still doing well, especially the chewings fescue, which shows considerable spread. Other grasses and legumes maintaining themselves included Reed canary grass, orchard grass, meadow foxtail, English ryegrass, tall meadow oatgrass, and subterranean clover.

FARM TOPICS

DEVICE DETECTS IODINE IN FEEDS

Colorado Scientist Develops Important Testing 'Torch.'

By DR. FRANK GASSNER
Use of a special torch, recently developed at the Colorado State college experiment station to determine iodine content of feedstuffs, may prove tremendously important to dairymen, live stock and poultry growers of the nation.

While the experiments were confined to feed grown in Colorado, the general results will be important to these industries all over the nation where the feed grown is low in iodine content. Colorado feeds are very low in this element—so low that the state should be included in the so-called "goiter belt" of the Midwest.

Investigations carried on at the experiment station have shown that poultry and rats in some cases will develop goiter when they are fed ordinary rations. Work by the poultry and pathology sections of the station was the first in which it was shown possible to produce goiter in poultry experimentally. Similar investigations are being carried on with lambs and cattle, and there is evidence that goiter may be produced in these also. Thus it is probable that feed formulas must include ingredients rich in iodine to prevent goiter.

The torch was developed in the pathology section of the experiment station. It is made of specially resistant stainless steel of chrome and nickel alloy and will reveal iodine in as small a proportion as 10 parts per billion.

This is a considerable improvement over the brass torch previously used for this type of work. The disadvantage of the brass torch was that it had to be lacquered often to prevent contamination of the sample by excessive corrosion.

The only torch known by the department to be as satisfactory as this stainless steel instrument is one at the University of Minnesota which is made of platinum. This torch cost approximately \$2,800 as compared to a cost of less than \$25 for the steel torch.

The torch is useful in ascertaining not only the iodine content of feedstuffs, but of biological material as well. Anything that can be made to burn can be tested with this torch.

Power Line Building Cost Is Cut to \$900 Per Mile

Engineers of the Rural Electrification administration are constructing electric lines into rural areas at an average cost of about \$900 per mile. These costs prior to the REA ran from \$1,500 to \$2,000 a mile because private engineers were using for rural lines the heavy construction used in city and suburban areas.

The REA engineers dropped the cross arm from the single-phase lines and simplified pole assembly for the two- and three-phase lines. New, stronger conductors allowed longer spans with fewer poles.

Several Texas projects have been built recently at a cost of about \$500 a mile. The construction was light because sleet and ice do not have to be reckoned with in Texas. But even under sleet and wind conditions, the lines have held up well. Durability of the lighter construction was demonstrated last year when a series of destructive tornadoes struck southern Minnesota. At Anoka, near Minneapolis, although the substation was destroyed, practically no line was destroyed. Near Melrose, west of Anoka, during the same week, greater damage was inflicted on lines of a utility than on REA lines in the same territory. Service of the co-operative was restored in less than half the time required by the utility.

Many private utilities are following the lead of the REA engineers in using lighter construction on their rural lines.

Dipping for Mange

Mange in hogs may be controlled by dipping with a solution made at the rate of one gallon of liquid lime sulphur to 25 gallons of water at a temperature of 100 to 105 degrees F. Nicotine sulphate, 40 per cent strength, used at the rate of one ounce to three gallons of water, has also proved effective. Dip the hogs twice about ten days apart, although in severe cases three or more dippings may be necessary to clean up the skin.

Horses in Wartime

During the first three years of the Boer war, 1900-1902, inclusive, prices for horses in the United States advanced to \$93.76 per head. During the three-year period 1896-1898 the average price had been \$74.56. During the five years 1909-1913 prior to the World war the average price of horses in the United States had been \$148.02. During the five years 1915-1919, inclusive, the average price in this country advanced to \$101.72.

BOARDMAN NEWS

By Elaine Fisher
The Ladies Aid silver tea was served on the lawn at the home of Mrs. Almon Geiss Wednesday afternoon. There were about eighteen present. Apple pie a la mode was served by the refreshment committee who were Mrs. Almon Geiss, Mrs. Harry Jayne, Mrs. Kunze and Mrs. John Fisher.

Rev. and Mrs. J. K. Walpole and family are taking their vacation now. In the absence of Rev. Walpole the pulpit of the Community church was ably filled by Robert Berger.

Al Geiss and Oliver Forbes drove to Portland with a load of watermelons Friday.

Mr. and Mrs. Rosalind of Arlington have moved here and are at the home of her parents, Mr. and Mrs. O. Forbes.

George Funkhauser went to Couer d'Alene with a truck load of melons last week.

Mrs. Claud Myers who underwent an operation in a Portland hospital some time ago is reported to be recovering satisfactorily.

Two of the directors of the school have gone East to bring out the new school buses which they are purchasing for this district.

PINE CITY NEWS

By Mrs. Bernice Wattenburger
A surprise birthday dinner was given Sunday at the A. E. Wattenburger home in Harnon for Mrs. Nora Wattenburger on her 64th birthday. A lovely dinner was served at one o'clock and a handkerchief shower in the afternoon. There were 35 present.

Mrs. George Curran and son Ronald spent Friday and Saturday with Mrs. John Harrison.

Mr. and Mrs. Tony Vey were down from the mountains Saturday to be at their home on Butter Creek. They finished the second crop of hay Friday.

A large number from the creek plan on taking in the rodeo this week end in Heppner.

Mr. and Mrs. T. Robertson of Hardman were over night guests at the C. H. Bartholomew home Saturday.

Mr. and Mrs. Reid Buseick and family of Long Creek spent Sunday night at the A. E. Wattenburger home, and left Monday morning for Seattle and coast points. They returned by way of Portland and visited Mr. Buseick's mother.

WHEAT SAMPLES SHOW LIGHT WEIGHT AND MORE SMUT

Wheat samples taken up to early July show lighter test and more smut and dockage than usual, reports the grain division of the state department of agriculture.

Of 432 samples in the Walla Walla district, 175 graded smutty and 233 carried dockage; of these, 304 samples were soft white wheat with 158 smutty and 196 carrying foul dockage. At Pendleton, 292 samples showed 59 with smut and 43 with foul dockage and of 230 white wheat samples 46 were smutty and 30 carried foul dockage.

Sherman, Morrow and Wasco county samples were lighter in test weight due to the long dry spell. Dockage was heavier, possibly due to using less wind to clean out because of the lighter weight.

Cattle Disease Recurs
The department's division of animal industry reported a new case of anaplasmosis or yellow cattle disease from southern Malheur county, this being the second case this year and both from Malheur. Complete disposal of all susceptible animals was recommended.

New developments reported from California which show that the yellow cattle disease is carried by deer of certain sections there lead the department veterinarians to point out that after fattening it would be impractical to attempt eradication or control of the malady.

The department advises owners to brand for identification each animal that shows symptoms of the disease (a yellowish discoloration of the skin coupled with loss of condition) and



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to fatten and slaughter them. Extreme care in handling all instruments used will be helpful in preventing spread of the disease.

Farm Calls Increase
More than 900 farm calls were made in July by the state department of agriculture cream graders, compilation of reports filed with the foods and dairies division shows. This was a considerable gain over June, when 685 calls were made. The work covers every section in Oregon except Harney county.

TOWNSEND CLUB NEWS
By Mrs. Joe Udey
A very interesting meeting was held last Friday and many business transactions were made. Three new members were elected on the council: Wm. Kik was elected as vice president to fill vacancy of Ted Hatfield who was elected as president the week before; Mrs. Ira Geer and A. T. Carter were elected as chairmen of the program committee.

In the bulletin No. 28—Dr. Townsend says, "We believe that if American youth is given a chance, they will flock to the colors for defense of our country, in as great numbers as our military establishment is capable of caring for and training. But we believe that the rate of pay for these youths who are willing to serve their country must not be less than \$30 per month. We do not believe that the richest country in the world has

the right to call its youth to defend it for anything less than that amount. We suggest that you immediately write your congressmen and senators if you agree with us in this, and request them to support the bill that will allow the youth of America to volunteer before being conscripted, and to be given a rate of pay commensurate with the dignity of their service of their country."

The next meeting of the club will be August 23 at 8:30 p. m. in the Legion hall. You are invited to come hear important flashes from Washington, D. C.

The dance committee is sponsoring another benefit dance Saturday, August 17, in the Columbia park club house. Come and enjoy yourself.

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