

# BEAVERTON ENTERPRISE

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Published Friday of each week by Pioneer Publishing Co., at Beaverton, Ore. Entered as second-class matter at the postoffice at Beaverton, Ore.

Subscription Rates  
 One Year \$1.50 Three Months .85  
 Six months .85 Subscriptions Payable in Advance

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## A LESSON FOR ALL

It's sometimes necessary to go a long way from home for an object lesson. But usually it's worth it. It's many thousands of miles to China, yet every resident can learn a lesson from China, and without going there. For years science has sought the cause of famines in which millions of Chinese have perished. The whole world has tried to keep China from starving, without knowing the cause of their troubles.

Now comes a report of the long investigation. It can be told in a few words. For hundreds of years China felled her forests with lavish hand. A tree meant only something to be cut down and used. No one stopped to consider that they can be destroyed faster than they can be made to grow. So after years of slaughter China has become almost a barren plain. This has permitted the elements to despoil the soil; rains have washed off the top soil and the dirt that could have been used for cultivating crops has run into the rivers and on into the sea. Anyone who has visited China will tell you that her rivers are apparently always muddy.

Today what might have been millions of acres of fertile, crop producing land is nothing but hard, baked clay. And China cannot go back to where she was; it would take hundreds of years to reforest the country. That is the lesson that ought to be worth a lot to us, here in a section still blessed with considerable woodland. Save the trees we now have, and keep planting more trees, or generations to come will meet that same fate that has overtaken China. Every tree planted and every tree spared is a bullet in the war against possible starvation.

## MILE-HIGH GLIDER CLUB ORGANIZED IN SIERRA NEVADA MTS.

Winter sports enthusiasts seeking new thrills amid the deep snows of California's mile-high mountains will find them this year in the lake Tahoe region, it was revealed today. Organization of the Sierra Gliding club, with headquarters at Truckee, has just been completed for the purpose of providing an added attraction in the realm of snowland's big outdoor show.

Sponsored by a group of Truckee citizens, the club will be the first, so far known to use snow-clad mountain slopes to send a glider into the air, according to Wilbur L. Maynard, vice-president of the club. Maynard announced, and membership in the organization has been opened to all persons visiting the Truckee-Tahoe country for the annual snow sports.

Under the direction of a qualified instructor, members of the Sierra Gliding club will attempt flights from the slopes of the famous Bald Mountain, so named because it is treeless. Snow-covered Martis Valley where neither tree nor shrub nor fence can be seen for 20 square miles, will be the soaring ground and landing field of the amateur fliers it is stated.

The club plans to invite Col. Charles A. Lindbergh to inspect its project, with a view to advising the members how best to use their ski-equipped glider according to Maynard.

## FARM PROBLEMS REACHING SOLUTION

The development of irrigated pastures together with well-irrigation in the Willamette valley; development of fresh fruit disinfection; cost and efficiency studies of six major agricultural enterprises, investigation of curly top disease of vegetables, discovery of a new method of vaccinating for chicken pox, development of control measures for contagious abortion of cattle, introduction of new grain and berry varieties, continued progress with the spray residue problem—these are but a few of the 400 agricultural problems handled by the Oregon Experiment station and its several branches during the 1928-1930 biennium.

More problems of Oregon agriculture were undertaken for solution during this biennium than during any previous two-year period, the report shows, but in spite of this fact more requests were received for additional investigation than during any similar period since the station's establishment. Some 107 specific problems are listed of which the station has been urged by growers to undertake solution.

"The expansion of activities during the past biennium has been made possible through increased cooperation of the federal government by closer cooperation between

the station staff members, and by cutting down expenses wherever possible." "There was no increase in state appropriations—in fact legislative provisions for station work were \$13,000 less than during the preceding biennium."

Among the direct services to individuals rendered by members of the station staff are listed the answering of 30,911 letters seeking information; consultation with 9537 persons; identification of 5115 plants, insects and other materials and 1055 livestock diseases; 85,000 tests for plorium disease of poultry and 47,500 for infectious abortion of cattle; distribution of 92,000 doses of the new chicken pox vaccine, and enough legume cultures for 13,000 acres.

## FARM POINTERS

Western Oregon farmers can safely plow well-drilled upland soils which are not too heavy in texture during the fall and winter months. After plowing the soil is left uncultivated until spring and the combined action of the rain and frost tends to form a crust over the field which can be broken up easily in the spring with a disc or spring tooth harrow. This leaves a seed bed which is usually more mellow and easily prepared than spring plowed land.

In Oregon late December has generally proved to be the best time for sowing tomato seed for the spring crop under glass. This crop requires about five months from seeding to harvest, and plants started in December will bear a crop of ripe fruit in the greenhouse early in May. Sutton's Best of All has been found one of the best varieties for this purpose at the Oregon Experiment station.

For proper storage of potatoes, ventilation is necessary not only from the top but from the sides and bottoms of the bin as well. Some evidence has been found that seed stock from the bottom of a poorly ventilated bin is much lower in percentage of germination than from the rest of the bin. The quality of table stock is also impaired under the poor storage conditions.

To produce the milk-fat lamb—most desirable for the market—it is necessary to feed the ewe so that she will produce a large flow of milk at lambing time. Where the grass is short it is well to feed some grain for a brief time before lambing, as a little surplus weight at this time gives the ewe something to draw from in producing milk. One-half pound daily of some such concentrate as 1-2 wheat and 1-2 barley with 10 pounds of oil meal per 100 pounds of mixture is recommended by the Oregon Extension service for putting the lamb in condition.

## ATTRACTIVE CRANBERRY RECIPES FOR CHRISTMAS

Cranberries without which no Christmas dinner seems quite complete, can be served in many attractive ways. Some of the most popular of these are listed below:

**Candied Cranberries**—To make these, add one-fourth cup of water to one quart of cranberries, and place two cups of sugar on top of the berries. Cover closely and bake in a slow oven until the berries are clear and the syrup thick.

**Cranberry Salad**—Cook one pint of cranberries in a cup of water for 20 minutes. Stir in one cup of sugar and cook for five minutes. Then add half a package of gelatin, which has been dissolved for 10 minutes in half a cup of cold water. When the mixture has thickened but it is not yet solid, add one cup of diced celery and chopped nuts and turn into a pan or into individual molds. It may be served on crisp lettuce leaves with mayonnaise or other salad dressing.

**Cranberry Jelly**—Take any desired amount of raw cranberries, put through food chopper sweetener, and chill.

**Cranberry conserve**: Combine two pounds of cranberries, juice and gratings of two oranges and two lemons, 1 cup of water, 1 cup of raisins and 6 cups of sugar. Boil, stirring often, until it begins to thicken. Then add 7-8 cup of walnut meats, and cook, stirring constantly until the mixture jellies. Pour into hot sterilized glasses, and when cold cover with paraffin.

## HIGH SCHOOLS TO COMPETE IN JOURNALISM CONTEST

All high schools of Oregon which publish a school paper or where the high school students supply news to local papers, will be eligible to compete in the third annual Oregon High School Press Association Journalism contest, held under the auspices of the school of journalism, of the University of Oregon. Awards will be made at the time of the High School Conference to be held this year January 8 to 10.

Schools which have won any of the cups in the past are being urged to drop out of the contest for one year, in order that smaller schools will have a greater opportunity of coming to the fore, according to George H. Godfrey, professor of journalism, who is in charge of the contest.

Grant High School, Portland, was awarded the Arnold Bennett Hall cup last year for putting out the best paper in the state, while Salem high school received the Eugene Guard cup for the best paper in schools with attendance over 500. The Eugene Register cup for schools under 500 went to The Dalles, while Burns high school won the Harris Ellsworth cup for the best news notes in the local paper. The Dean Eric W. Allen cup for mimeographed papers, from the point of view of content, went to Dayville high school. This year a sixth cup has been added, by the W. E. Finzer company, of Portland, for the best mimeographed paper, from a mechanical point of view.

Two or more issues of the paper must be mailed to George H. Godfrey, in care of the school of journalism to reach there by January 8, accompanied by letter of application in order to qualify for entry.

The high school conference which is attracting wide interest, will be divided into four sections, one for the press conference, the study body officers' association, girls League officers and high school principals. All will join together in a big banquet on Saturday night, January 10.

## WITH FARMERS AROUND THE STATE

**CORVALLIS**—Austrian winter field peas are proving popular as a seed crop in many parts of Oregon. Some 6000 acres were grown for this purpose in 1930, according to the biennial report of the Oregon Experiment station.

**ENTERPRISE**—With the completion of most of this year's shipping activities, County Agent N. C. Donaldson secretary-treasurer of the Willamette County Marketing association reports that 185 carloads, including 31,294 head of cattle, hogs and sheep were shipped during the past year, bringing in \$473,270.81 for the 823 shippers represented. Prices on the average were better than growers could have obtained from local buyers, according to Mr. Donaldson.

**EUGENE**—Six demonstration trials for the purpose of comparing Austrian winter field peas with common vetch as a cover crop have been started by as many Lane county farmers in cooperation with O. S. Fletcher, county agent. Co-operating growers are Howard Dunn, Junction city; Frank Brunner, F. E. Harlow, Truman Chase, Chase Gardens, and James Gardens, all of Eugene. Other farmers who are not conducting demonstrations are also trying out the crop.

**THE DALLES**—Eight complete sets of soil samples, taken at foot

intervals for a depth of six feet, were run during the past month on orchards in the Columbia, Mill Creek and Three Mile districts by County Agent W. Wray Lawrence in cooperation with the Moro Experiment station. These tests are for the purpose of finding the present moisture content of the soil, in connection with the determination of the effect of sub-soiling on moisture content.

## A MILLION PEOPLE HAVE VISITED FORD PLANT AT DEARBORN, MICH.

A million and a quarter persons have "visited" the Rouge plant of the Ford Motor company at Dearborn, Mich., through the medium of a sound motion picture exhibited in half a dozen Ford road shows that are touring the country.

The first show took to the road last April to carry the story of the Ford Motor company and its widespread activities direct to the people to supplement newspaper and magazine advertising. It was so successful that the other shows were added.

Each of the road shows carries its tent and numerous exhibits and travels in a fleet of Ford trucks. Each plays two towns a week.

The sound motion picture is giving hundreds of thousands of persons their first opportunity to see the great plants of the Ford Motor company in operation and to learn, in a measure at least, how automobiles are produced in large volume.

## OREGON PRODUCTS WIN SOUTH AFRICAN TRADE

Preference for Douglas fir over oak flooring is reported as prevalent at the Cape province in South Africa, according to Samuel H. Day U. S. commercial attaché at "Joburg," the phonetic term for Johannesburg. Mr. Day was in Portland early in December, and in conference with Mr. Bretherton of the district office of the bureau of foreign and domestic commerce told of trade conditions in the Union of South Africa, following a residence of three years at the Cape. Mr. Day is making a tour of American cities. While oak may be preferred for floors in the Pacific northwest, where fir is plentiful, the South African home-builder is proud of his flooring if made from Oregon, Washington or British Columbia fir. South Africans get their cheap

est wood from the Baltic region, but it is inferior in quality to Oregon fir. Big dimensions can only be secured from the Pacific northwest and is used extensively in mining and railway construction. Corrugated iron is available, but at the high altitudes where nights are cold, this form is not suitable for comfortable homes. Insulation of wood is better suited to the provincial needs. Fir-text made in Oregon, is being used increasingly for building.

## AIR MAIL

Gas holding tanks are getting so large that lights are installed in circles from top downward, following the hoops of steel, to warn aviators against bumping into them. At Washington the national capitol building is "lit up" in the same way, not to protect the gas generated in congress, but because one flyer grazed the dome. The Washington monument is illuminated by high power lights on the Powhatan hotel half a mile away. The Blue Island gas tanks near Chicago are provided with aviation marking in lights reflected outward from the dark surface of the holders. Increase of gas volume has not been affected by extension of electric energy supply. Both require constant new equipment and construction.

## MEASURE YOUR WITS AGAINST A CALF'S

By P. G. Holden  
 Some people think it is a hard job to milk cows and care for stock. When I was visiting in a small town I saw a man walking along briskly with a spring in his step as

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