



A PLOW-TYPE ditch-digger prepares the canal for lining. Low-cost canal linings in Federal Reclamation projects have saved more than five million dollars in water in the west. So the Bureau of Reclamation has published a booklet on "Canal Linings and Methods," it is available from the Government Printing Office, Washington 25, D. C., for 25 cents. It says water lost on 46 federal projects would have irrigated an additional million acres of land.



STRIPS of fiber glass are laid like carpets and an asphalt membrane is created by spraying with a hot solution.



SHOTCRETE, a concrete mixture blown on with air pressure provides a smooth floor in the canals.

Court Holds Oath Legal

OLYMPIA (AP) — The Washington State Supreme Court Monday unanimously upheld a new state law requiring all candidates for public office to take an anti-subversive oath.

The court held that such oaths were "consistent with the spirit and intent of both the federal and state constitutions" and expressed difficulty in understanding why any "citizen for public office should object."

The ruling reversed a decision last month by Superior Judge Charles T. Wright of Thurston County.

The law, passed by the 1951 legislature, was challenged by the Progressive Party who said they intended to run for office.

County May Take Federal Money

THE DALLES (AP) — County Judge Ward Webber said Tuesday that Wasco County may reluctantly have to accept the federal government's offer of \$1,094,600 for loss of The Dalles bridge property.

The county was halfway through construction of the bridge, when Army Engineers took over the site to start the big The Dalles Dam across the Columbia River.

Webber said the government's offer was not high enough, but the county may have to settle for it. The county intends now to build the bridge at a site downstream from the dam.

QUEEN HAS COLD

LONDON (AP) — Queen Elizabeth II is confined to her room with a slight cold, Buckingham Palace announced Tuesday. She conferred honors on 250 men and women this morning even though suffering from a chill.

Klamath Barley Crop Looks Good; Nation Down 19 pct.

Klamath Basin's barley crop is reported looking in excellent general shape in the face of a short national barley year.

County Agent C. A. Henderson reports especially the Tulelake barley fields, previous to the last storm when some lodged and went down, looked "as good as any I've ever seen."

If the weather holds out he said there should be a top crop here. Prices should be good this season too, as indicated by the weekly grain market review released by the U.S. Dept. of Agriculture.

The national crop is down approximately 19 per cent, from 255,000,000 (M) bushels to 208,000,000 (M) bushels, the report showed.

'X' Station Field Day August 4

The annual Klamath Experiment Station field day is slated for the afternoon of Aug. 4, Supt. Gene Gross has announced.

The station has been working on soil plots and fertilizers. It is located just west of the airport, with trial plots near Worden and test plots scattered across the county.

Hay Yield May Go Up

First cutting of alfalfa hay is well along, with an estimated 20,000 acres under production this season.

This is down from last year's acreage as announced by the County Agent's Office. Last year there was 24,000 acres of hay in the basin area.

Good hay is reportedly selling for \$25 to \$28 per ton, with poorer quality dropping lower. County Agent C. A. Henderson noted there may be an increase in yield this season over last.

Last year, according to Bureau of Reclamation figures, yields were 3.6 to 3.7 tons per acre. This may be a shade higher.

Hoppers In Demand For Bait

Got too many grasshoppers? The Day Bait Company, Port Huron, Mich., is offering \$1 per pound for preserved hoppers, and they need between 5,000 and 6,000 pounds of them.

Not only that, but the company also needs 2,000 pounds of preserved crickets.

The company will give all information to persons who are willing to help. Those desiring information should write the company.

Incidentally, there has been a small outbreak of hoppers in the Lower Klamath Lake area again though they are reported under control. More hoppers are reported in the Fort Klamath Area.

Drought Cuts Wheat Crop

HELENA, Mont. (AP) — The burning June drought in Eastern Montana has cut the state's indicated wheat crop by nearly 100 million bushels, the federal Bureau of Agricultural Economics said Monday.

The bureau said the July 1 condition indicates a Montana wheat crop of 59,988,000 bushels.

A month ago the bureau forecast an all-time high of 68,982,000 bushels this year. But then came "extremely dry and droughty conditions . . . in large sections of eastern, central and north-central Montana."

"Total production of the state's 12 major crops . . . is 21 per cent below last year's harvest and 20 per cent below the 1941-50 average," the BAE report said.

State Heads Don't Agree

SALEM (AP) — Harry S. Dorman, head of the State Department of Finance and Administration, proposed Tuesday that the names of officials be omitted from department letterheads. The reaction from officials was violent.

Secretary of State Earl Newby and State Treasurer Walter J. Pearson first vetoed Dorman's proposal.

They proposed that Dorman's department be eliminated. They said in a meeting of the Board of Control that the department is wasting money.

The third member, Gov. Douglas McKay, under whom the new department is administered, defended it.

Newby and Pearson said the department, created by the 1951 legislature, was wasting lots of money because of its policies in buying supplies. Purchasing used to be done by the Board of Control.

Pearson said the department is "the biggest waste of money in the history of our state." Newby agreed.

Dorman said he would prove to the next legislature that his department is saving money.

Newby and Pearson have opposed creation of the department since it first was proposed by the state's Little Hoover Commission to reorganize the state government.

Newby and Pearson said Dorman's proposal on letter heads wouldn't save very much money. But Gov. McKay said the taxpayers' money can be saved only by cutting off a few pennies here, and a few dollars there.

Newby said that omitting the officials' names from letterheads "would be a big step toward reorganization."

A \$29,370 contract for extending the state capitol hall one block north was awarded by the board to Warren Northwest, Portland.

MACC.s Set Controls

Idaho and Washington have planned marketing agreement regulations not too stiff, according to reports received here.

Main regulation instigated is a 1 and 1/2 inch minimum, the regular U.S. No. 1 standard. The Oregon-California Potato Marketing Agreement Control Committee will probably take action later following meetings with growers to gather recommendations.

Committee Chairman Bill Peterson, Redmond, was in this section recently.

AT & T REPORTS NEW YORK (AP) — The American Telephone and Telegraph Co. Tuesday reported net income of \$88,170,000, or \$2.56 a share, for the three months ended June 30.

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Root Borer Control In Bulletin

A new method of controlling the western peach and prune root borer in rocky soils has been developed by the Oregon State college experiment station.

Summer spraying with DDT or parathion has been successful as a control measure for the borer, according to Earl Brown, OSE research assistant in entomology and author of station bulletin 513, a new publication on the subject. Both chemicals gave excellent control.

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but DDT is cheaper and less dangerous to handle.

The old standard treatment of paradichlorobenzene crystals is not effective on rocky soils. Brown reported. Such soils do not hold the gas long enough to kill the borers.

The new method, using DDT or parathion spray, is effective on trees less than four years old. An alternative method, using ethylene or propylene dichloride also is effective but can't be used on young trees.

A full report of control experiments is contained in the new bulletin. Copies are available at OSC or county extension offices.

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