

NEW USES OF LUMBER TOLD BY OSC DEAN

Newly-discovered uses of former waste products from lumber were revealed to Kiwanians Thursday when Paul M. Dunn, dean of the school of forestry at Oregon State college spoke at a luncheon meeting.

"Producers now market only about one-third of the tree," said Dunn. "One-third of the tree is left in the woods, and half of the remaining two-thirds is lost in the treatment of the lumber. State research is now being carried on to reduce the waste of lumber products."

"There is a rapid movement of forest products from the sawmill stage to the chemical laboratory," Dunn said in explaining that the research program was being carried on to enhance the value of timber products so that more money would be in the hands of the owner and the laborer in lumber industry. "It is not unreasonable to expect that more chemical substances than boards will soon be produced as a result of laboratory research."

Recent research developed glue-laminated beams when material for larger beams was unavailable. The laminated beams are built up of lower grade material than that possible for use in the regular beams and has more strength for its size than these beams. The laminated beams can be saved to any desired length, another advantage, Dunn said.

Mosquito bombers are a war use of lumber in place of metal. The Mosquito is constructed of plywood made from Douglas fir and from spruce. The bomber is constructed in the DeHavilland plants in England from material produced here, and has a speed of over 400 miles per hour.

To speed up the seasoning process on lumber, chemical seasoning has been developed by several west coast producers. Reducing the drying period from about 28 days to approximately 28 hours, the new process also reduces the loss during the drying process from 25 per cent to only 1 or 2 per cent, Dunn said.

Work on the carbonizing of sawdust has been proceeding, Dunn stated. The process takes

Cleaning Up After Flood Is Muddy Job



M. L. Waldon used a shovel to remove mud from his Sparta, Wis., barber shop after a flash flood swept through the establishment. One person was reported missing when Beaver creek suddenly swelled to a 16-foot crest and then swiftly receded.

place in a rotary kiln, which makes charcoal of the sawdust and gives off gas, oil, and tars as by-products. The charcoal is made into briquettes for commercial use to relieve the shortage of coke and charcoal for metallurgical plants. Where \$14 to \$18 would be paid for coke, the charcoal briquettes would be marketable at about \$9 when production can be started.

"The northwest area leads in the production of lumber," Dunn said, "and should also lead in the conservation of lumber products." Research laboratories have been set up in Washington and in Oregon. Washington laboratories work on the project of decreasing waste of lumber in the woods, while Oregon research problems have dealt with sawmill waste.

Other developments in the more efficient use of lumber include sawdust plaster, cork made from the bark of Douglas fir, and plastics made from wood.

We are relentlessly determined to destroy fascism and prosecute the war against Italy with all the force we possess so long as Italy fights Hitler's war.

—British Foreign Secretary Anthony Eden.

ROBERT ROSE HOME FROM GUADALCANAL

Second Class Pharmacists Mate Robert Rose, who with his wife has been visiting in Klamath Falls with his father, Guy Rose, advertising manager of Moe's store, spent from January 1 to February 22 on Guadalcanal, where he was attached to a marine unit. Because of an attack of malaria so severe that he lost 43 pounds in two weeks, he was returned to the United States for treatment and after spending some time at a navy hospital was given 30 days leave, which has been spent visiting here and at Santa Rosa, Calif., where his wife's parents live.



His closest call on Guadalcanal, he says, came when a heavy Jap bomb dropped about 15 feet from him but fortunately on the other side of a 155-millimeter gun which fended off the splinters. The force of the explosion shocked him severely, but no wounds were suffered.

From the top of Lunga Point, he watched the night battle when the Japs attempted to land reinforcements on the island. The gun flashes and the tracer bullets, he says, made a weird sight. After that disastrous failure, the Japs on Guadalcanal got only such supplies as could be thrown off the decks of speeding destroyers and permitted to float ashore.

The Japs, he says, are tough fighters under an officer's eye, but lack the individual resourcefulness of our men. They are not fond of their own rice, he says, and with few exceptions

relish the American food they get when taken prisoner.

Mr. and Mrs. Rose left Saturday night for California, and will stop off at Santa Rosa and Oakland before he reports again for duty.

VICTORY GARDEN TOTAL HITS 1000

Applications for victory garden water rates have fallen off materially in the past week or two, according to the California Oregon Power company officials. To date, approximately a thousand applications for the rates have been received.

The water rates were first offered during April to said Klamath people who wished to install victory gardens. A few applications are still being received, although most of the gardens have already been put in.

Klamath Men Join Navy Services

Enlistments made in the local naval recruiting offices during June include Frank Edwin Babcock, who enlisted as a shore patrolman. Babcock was formerly a janitor at Roosevelt school.

Robert Joe Carstensen, son of Mr. and Mrs. John Carstensen of Lakeshore gardens, enlisted as apprentice seaman under the V-6 program.

James Henry Noel, of the Walnut apartments, also enlisted under the V-6 program. Everett Stanley McBride, formerly a Great Northern employee, was another June enlistment.

If our system of learning is to realize its maximum in the public interest, we must be concerned with much wider and better education of the mass of each generation.—Navy Secretary Frank Knox.

CROP REPORT FOR JUNE 10 GIVEN

The production of barley, indicated by June 1 conditions, by important producing states was reported by the agriculture department as follows:

South Dakota, 36,964,000; Nebraska, 30,156,000; Montana, 13,572,000; Idaho, 14,229,000; Washington, 10,017,000; Oregon 8,575,000; California 38,939,000.

The department reported that a total wheat production of 730,524,000 bushels is indicated by June 1 conditions.

Rye production is indicated as 33,841,000 bushels, compared with 57,341,000 bushels produced last year, and a ten-year average of 38,598,000 bushels.

Oat production is indicated as 1,168,850,000 bushels, compared with 1,358,730,000 bushels last year, and 1,018,783,000 bushels, the ten year average.

Indications of 371,044,000 bushels of barley compared with 526,150,000 bushels last year, and a ten year average of 243,373,000 bushels.

The indicated acre yield of winter wheat was reported as 15.1 bushels an acre, compared with 15.5 bushels indicated a month ago, 19.7 a year ago, and 14.3 bushels, the 1932-41 June average.

Five Lake County Industries Get Payroll Honors

Five Lake county industries which exceeded the 90 per cent payroll deduction enrollment were listed in the Oregon Minute Man for June. More than 10 per cent of the total payroll of each of the firms is being invested in war bonds regularly.

The companies listed were the Anderson Brothers Lumber company, the Buzard-Burkhart Pine company, Goose Lake Box company, Lakeview Logging company, and the Underwood Logging company.

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