

Oregon 4-H's Win Awards



Anne Mackie Jeanne Mackie John Prichard

FOUR Oregon 4-H club members have received valuable awards for outstanding achievements in the National 4-H Dairy Foods Demonstration and Field Crops award programs.

Dairy Foods Demonstrations that have won first honors in Oregon were carried out by Alma Lindsay, 18, Grant's Pass, and the team of Anne L. Mackie, 15, and Jeanne Mackie, 17, of Tangent.

They have utilized many ways of varying the diet by the use of dairy products, appreciating the value of milk for good health.

Their demonstrations have been given before approximately 300 people. Alma, under the leadership of Mrs. Bea Alstrom, gave the best individual demonstration of dairy foods in the state this year on the subject "Cottage Cheese, Please."

Anne's and Jeanne's high ranking team demonstration was "Dairy Delight." Their local leader is their mother, Mrs. Oma Mackie. Chosen state winners, each girl is awarded a 15-jewel wrist watch by the Carnation Company.

In carrying out this program, the club members learn to speak well in public and develop poise and good sportsmanship. They performed a genuine service to their communities as well.

By efficiently producing crops on the 40 acre farm of his parents, John Prichard, 15, of Bend was named State winner in the 4-H Field Crops program. A \$50 U. S. Savings Bond, provided by International Harvester Co., is his reward.

John was able to achieve that recognition through careful attention to every phase of crop production, such as keeping farm machinery in condition, selection and treatment of seed, and scientific soil management.

He began his Field Crops project 4 years ago under the supervision of his leader and mother, Marion C. Prichard. His crops include potatoes, wheat, and oats. The potatoes are graded at home for economy purposes.

Some of his wheat crop was used for animal feed, while the remainder was sold. John also participated in crop judging and identification, and gave a crop demonstration this year before local and state groups.

A 4-H'er for 7 years, he is active in junior leadership, training others for judging, and assisting with record books.

Both programs are conducted under the direction of the Cooperative Extension Service.

The Farm Corner



It's painfully clear that on many a farm there's no storage for grain this year.



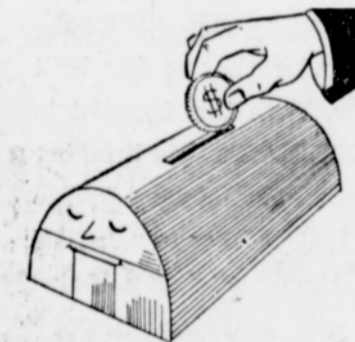
Now if you want a crop support loan you'll need some storage of your own.



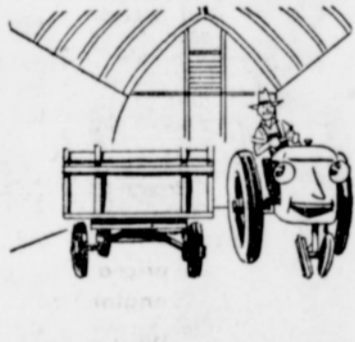
Uncle Sam will lend up to 80 percent of the building cost at just 4 percent.



But you'll be paid for storing your crop by not selling at harvest when prices drop.



And you'll make money in other ways. Taxes—supports—this storage pays.



And when the crop is sold and gone, the building's value goes on and on.

(—Quonset Farmstead News)

4000 Flukes Needed To Kill Small Trout

OREGON STATE COLLEGE—It takes about 4000 flukes to kill a trout 2-to-3 inches long. Dr. Ivan Pratt, Oregon State college zoology professor, has determined. Dr. Pratt's latest research project is on how Troglotrema, the salmon-poisoning fluke, affects fish. This fluke affects all fish but salmon and trout draw the most attention because of their commercial and sports value. Tall-spined, black stream snails are one of the hosts of the salmon fluke. Some streams have more

than 100 snails a square yard. Sometimes more than half of the snails are infected. Dr. Pratt has counted more than 2100 flukes which came from one snail in five hours. Flukes bore right through the skin of the tail and fins of salmon and trout to gain entry. Dr. Pratt is using five kinds of fish in the experimental laboratory. They are trout, crappie, war mouth bass, fresh-water scuplin and salmon. C. E. Webb, superintendent of the state fish hatchery at Alsea, supplies trout, salmon and infected snails for the work.

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New Energy Cycle In Cells Studied By OSC Scientists

OREGON STATE COLLEGE—A new highway of getting energy from foodstuffs—called the pentose cycle—has been shown by biochemists at Oregon State college to abound in many types of organisms ranging from yeast, plants and bacteria to higher animals.

It seems likely that the pentose cycle may function as a second major route within the body cells to obtain energy from the burning of foodstuffs, the OSC biochemists said.

Working on this research are Dr. Vernon H. Cheldelin, director of the OSC Science Research Institute, and Dr. Tsao E. King and Dr. Robert W. Newburgh, institute biochemists.

If the role that this new cycle plays in energy building can be pin-pointed, new drugs may eventually be developed to conquer such diseases as cancer and diabetes, Dr. Cheldelin said.

The long-known route in the intra-cellular furnace has been called the Krebs cycle. This cycle is contained within small granules of the cell, called mitochondria. Mitochondria are visible under a microscope.

Mitochondria capture energy from the burning carbohydrates, such as glucose, and put it to work for muscular motion, digestion, nerve transmission and chemical synthesis.

The new pentose cycle takes place in cell particles outside the cell nucleus or mitochondria. These energy-producing cell particles cannot be seen by aid of even a microscope.

Both the Krebs and new pentose cycles contain several sugars which are burned to carbon dioxide and water. The new cycle was named after a sugar, pentose, which is a key member of the more than 50 reactions which take place in producing energy.

OSC biochemists are busy trying to devise a chemical traffic counter to find out how the body's energy is obtained from the pentose cycle. It is possible that a "switch over" in energy lanes takes place during disease periods.

But the sin forgiven by Christ in Heaven. By man is cursed away.

—N. P. Willis



Warner New State Sup. Court Justice

Harold Johnson Warner, Justice of the Oregon Supreme Court since 1950, was named Chief Justice today by his colleagues in Oregon's highest court of law. Justice Walton L. Toozee was named Acting Chief Justice.

Chief Justice Warner, who has served as acting Chief Justice since 1952, has had a long and honorable career in law since he was graduated from the University of Oregon in 1913. He received his LL.B., also U. of O., in 1916 and was admitted to the bar the same year. From the time he became a practicing attorney until he was elected to the Supreme Court he had offices in Pendleton and Portland. Early in his career he was a member of the same law firm as the Hon. Frederic Steiwer, Oregon's beloved United States Senator, and was Pendleton City Attorney, 1920-22.

Warner is the first Chief Justice to have served in both World Wars I and II. He was a First Lieutenant in the air branch of the Signal Corps in the first war. In World War Two his legal talents were used by the army when he served as a Major in the Judge Advocate General department.

Chief Justice Warner has continued his interest in Veteran's affairs. In 1933 he was State Commander of the American Legion and the following year he served as National Vice Commander under F. N. Belgrano, Jr.

December Accident Is Worst of Year

A Columbia county accident which killed six people and injured 13 others was named Oregon's "worst of the year" Tuesday by Secretary of State Earl T. Newbury.

The dubious distinction was hard won, coming early in December to climax a year dotted with frequent multiple-death crashes, Newbury said.

In fact, state officials blamed 39 highway crashes which killed 100 persons for destroying what would have been an improved death record for 1954. Accidents and injuries still are much lower than those of 1953, but deaths already have surpassed the 391 recorded a year ago.

Lethal Crashes

Five accidents, each of which killed four persons, tied for runner-up position in the state's listing of 1954's most lethal crashes. The first of the deadly five occurred in February on the Scio-Jefferson road in Linn county when a car failed to negotiate a curve, skidded off the roadway and overturned.

The next month, March, produced still another quadruple death crash, this one on highway 97 in Deschutes county. According to accident analysts it was caused by a drinking driver who was weaving back and forth across the highway. An oncoming car swerved to the left in an unsuccessful attempt to avoid the crash. Four were killed, and four other were injured.

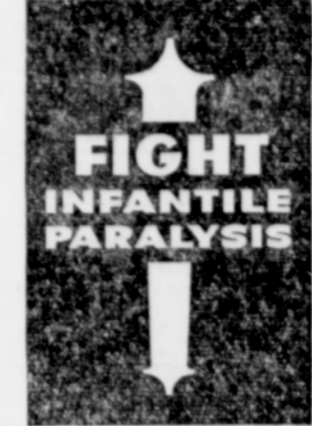
November Worst

In November, which edged out

now chairman of the board and president of Trans-America Corp. The new Chief Justice is also a member of the Military Order of World Wars. Not to be outdone by her father, his daughter Mary Ellen is now on active duty in the Waves.

Beta Theta Pi Born in Fort Wayne, Ind., in 1890, the Chief Justice has made Oregon his home since early youth. He and his wife, Aluta, have two children, Mary Ellen and Thomas Larsen. In addition to his veteran affiliations he is a member of the Sons of the American Revolution, president Oregon Society in 1949; the American, Oregon state and Multnomah County Bar Associations; Beta Theta Pi, social fraternity and Phi Delta Phi, honorary Law fraternity.

MARCH OF DIMES



JANUARY 3-31

February as the worst death month of the year, two four-death mishaps occurred, one in Linn county when a carload of teen-agers failed to stop for a stop sign and struck a truck.

A Malheur county crash which occurred when a car skidded on ice during the Thanksgiving holiday killed four persons bound for a family reunion.

December's contribution likewise occurred over a holiday—Christmas. This time a car and its four occupants plunged off an icy highway down a 900-foot embankment in the Hart mountain area of southern Oregon.

Eight Weeks—24 Dead

Eight accidents, each of which killed three people, added 24 check-marks to the state's death record book, and still another 50 people died in 25 crashes which killed two each.

Four days of the year are yet to be reported, and since they are days when holiday celebrants crowd streets and highways, safety officials said they are "keeping our fingers crossed that no more multiple death crashes will occur."

The state's 1954 traffic death toll now stands "in excess of 400."

Resolved: That the compact which exists between the North and South is a covenant with death and an agreement with hell, involving both parties in atrocious criminality, and should be immediately annulled.

—William Lloyd Garrison
Some there be that shadows kiss; Such have but a shadow's bliss. —Shakespeare

Too Late to Classify

DANCE SAT. NIGHT Elks club. All Elks and guests invited. Music by Jack Radford. 21-1tc
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