

NEWS OF FARM LIFE

GRANGES

COUNTY AGENT'S REPORTS

CROP NEWS

DEPARTMENT OF AGRICULTURE NEWS



APPLE JUICE RATED BARRIER TO SPREE

Blood's Alcoholic Content Reduced, U. of O. Medico Learns in Tests.

PALO ALTO, Calif., July 2.—(AP)—Apple juice received a high scientific rating today as a preventive of intoxication.

Dr. Ira A. Manville, of the University of Oregon medical school, told the American Association for the Advancement of Science that apple juice administered along with liquor to dogs had markedly kept down the alcoholic content of the blood and minimized toxic effects.

Enough alcohol to cause unconsciousness was given, along with a mixture of ordinary sugar and water, to one dog. Another dog was given the same proportion of alcohol along with apple juice.

The first dog suffered "uncoordination" and finally passed out. The only effect on the dog given apple juice was slight lowering of muscular coordination. He didn't even feel sleepy.

The sugar water given the first dog was to match the natural sugar content of the apple juice administered to the second animal. Thus Dr. Manville and his associates obtained a clue as to the effectiveness of different types of sugar in the process.

Future Medical Use Seen

He concluded that fructose, the principal sugar of the apple and other fruit, and dextrose, a sugar mainly derived from starches, might eventually play an important medical part in counteracting the poisonous effects of alcohol on persons needing that protection because of inadequate functioning of the liver.

Dr. Manville said alcohol was known to exert an injurious effect on the liver. He also pointed to the work of other experiments indicating a person must have a normal liver in order to throw off the effects of alcohol quickly by moving it to the muscle tissues, which are supposed to be good agents for disposing of it.

"If this is true," said Dr. Manville, "there exists an interesting situation of a tissue being able to resist the known injurious effects of a substance whose destruction in the muscles is dependent upon the success attained in this resistance."

Dr. Manville experimented with many dogs and many foods. He found that apple juice and apple pulp kept down the alcohol content of the blood better than any other food used.

He said relatively lower concentrations in the blood suggested that the tissues, particularly the muscles, increased their consumption of alcohol with the help of the sugar.

Dr. Manville made only one experiment per week per dog so there would be no danger of giving the animals the alcohol habit.

News of 4-H CLUBS

The Umpqua Junior Livestock club, including 4-H club members from Garden valley, Riverdale, Eldonhove, Sylmon valley and Cleveland, is planning on a meeting for one or two days in the very near future. This meeting will be held up Little river so that some fishing and swimming can be enjoyed along with the livestock work. Lucille Ritchie, president of the club will notify the members as soon as plans are completed.

"How are your 4-H club china pheasant projects coming along?" was asked of County Club Agent E. A. Britton.

He replied: "I do not know how they all are coming, as I have not visited everyone yet. Of those I have visited, some are very successful while others are having some degree of failure. Those who are successful are carrying out instructions of the state game commission to the letter, and those I visited who are having bad luck have either taken the easy way or have deviated from the instructions of the commission."

(By Bob Matthews, Roseburg) The members, parents and guests of the "Hopeful Rose and Flower Garden club" and the "Joy Time Cooking club" of the Benson school area met Thursday evening at Umpqua park for a swimming party and picnic supper.

The "Hopeful Rose and Flower Garden club," which includes Mrs. Bartley as local leader, Bob Matthews, Betty Anne Matthews, Joyce Bartley, Kenneth Shrum and George Strader, had as their guests Mr. Britton, Douglas county 4-H club agent; Mr. Bartley, Roy Grimus, Billy Church, Shirley Shrum and Ida Chamberlin.

The "Joy Time Cooking club," which includes Mrs. Boyle as local leader, Mary Ellen McKay, June Boyle, Joan Boyle and Lois Jurgens, had as their guest Mrs. Harold McKay.

After the swimming was over, a

Roseburg Girl Wins High Honors



News-Review Engraving.

Elected president of the 1939 4-H club summer school, Miss Jean Ritchie of Roseburg is pictured above with Guy Moore, Pilot Rock, president of the boys' organization; President Peavy of Oregon State college and Billie Anderson, Portland Rose festival sweepstakes winner. As president of the summer school, Miss Ritchie had the honor of introducing Governor and Mrs. Sprague at the annual banquet held in connection with the summer school session.

Miss Ritchie, daughter of Mr. and Mrs. Hugh Ritchie of Roseburg, was elected president while attending summer school for the fifth time. More than 1200 girls were in attendance. It was her duty to preside at all meetings of the girls' executive committee and to head up the girls' program. She

also served with Guy Moore as co-leader of all assemblies, and was presented to all the dignitaries attending the summer school. Miss Ritchie began 4-H club work in 1932. She has completed projects in health, cooking, canning and clothing and has served as leader of three 4-H clubs.

She was graduated from Roseburg high school this year at the age of 17 years.

Miss Ritchie plans to attend Oregon State college this fall and will study home economics with the purpose of becoming a teacher of that subject.

OREGON 4-H'ERS VISIT WASHINGTON AND RADIO CITY



OREGON 4-H Club week continues to go places under the leadership of the state extension service. Representatives of the Willakenzie Wide-Awake Club of Eugene are shown here receiving a send-off from State Leader H. C. Seymour and friends on their departure for a cross-country educational trip including Washington, D. C., and the National 4-H Club Camp, and Radio City, New York, where the party will be guests of

Radio Corporation of America. The three weeks jaunt is provided by the company as the award in the 1938 national social progress program in which the club of 21 boys and girls won national honors. Top and center are club members Helen Michael and Marjorie Jensen and at the right is local leader, Mrs. Edna Michael. They went by way of New Orleans and return through Chicago, visiting the two world's fairs enroute.

which coast and picnic supper were scheduled. Mr. Britton took both moving and still pictures of the crowd. Games were played the rest of the evening.

(By Maxine Wright, Days Creek) The Days Creek canning club met at the Ray Wright home Wednesday. The meeting was opened by giving the club pledge.

All members are progressing nicely with their canning. At the business meeting, the afternoon was spent playing games and visiting, after which refreshments were served. The next meeting will be held Wednesday, July 5, at the home of the local leader, Miss Josephine Welch.

OREGON RULES BENT GRASS MARKET

Oregon producers more than 96 per cent of the commercial bent grass seed annually in the United States, according to figures compiled by the Oregon State college extension service.

Imports of seed from other countries have been virtually halted by a protective tariff giving Oregon a near monopoly on the market for the entire country. Under the supervision of G. R. Hyslop, head of the plant industries division, a seed certification service has been de-

RIDDLE GRANGE HAS LIVELY MEETING

RIDDLE, July 2.—The Riddle grange held an interesting meeting Thursday evening, June 22, with about 25 members and visitors present. Mr. and Mrs. Finn of the Melrose grange were visitors. Mrs. Evelyn Gardner, delegate to the State Grange convention at Corvallis, gave a fine report of the meeting and talked of the more important resolutions passed. The grange plans to confer the third and fourth degree on several candidates at the next meeting. Arrangements were made for the harvest supper. The lecturer gave a short program. Refreshments of ice cream and cake were served honoring the birthdays of the last two months. The grange sponsored a card party Thursday evening of this week the proceeds to go on payments for the grange hall.

NORTHWEST FEELS APPLE COMPETITION

PORTLAND, July 2.—(AP)—Dispatch of 95 cartons of northwest apples last week was the smallest output since the week ending September 2, the federal bureau of agricultural economics revealed. Wholesalers have held firm to higher at eastern auctions but the old crop supplies have met stiff competition from California Gravenstein and early apples from the Mississippi valley and east coast. New crop Transparents have had good demand, bringing \$1.20-25 for 24-pound bags and \$1.50 for loose park in standard boxes on the Portland market.

The June 1 production was slightly more than average crop of 140,000,000 bushels.

GRASS-MILK MIX NEW VITAMIN IDEA

STILLWATER, Okla.—(AP)—It's green milk now for vitamins. The latest in bovine refreshments doesn't come from the cow that cry but the color is in grasses that are added.

The grasses are special cereal ones that are grown to an exact height, between six and eight inches, and are clipped just when the vitamin count is supposed to be the highest. They are refrigerated and then mixed with the milk. The idea was explained by Prof. R. B. Thompson of Oklahoma A. & M. college when grass green milk was displayed at the Oklahoma Poultry Improvement association's convention by a butter firm.

WANTED—SEALED BIDS

For 1500 watt Kohler plant and 2 motors. All bids must be in by July 10 at 7:30 p. m. We reserve the right to reject any or all bids. J. SUTTON, Clerk, Union High No. 10, District 35, Days Creek, Oregon.

X-RAY PHOTOGRAPHS FLAVOR OF CHEESE

By HOWARD W. BLAKESLEE Associated Press Science Editor URBANA, Ill., July 2.—(AP)—Use of X-rays on cheese for the first time and discovery they photograph the flavor and tell what makes it, was announced at the University of Illinois.

This taste of cheese makes a slightly fuzzy picture. It is a series of concentric circles, about what would be seen by dropping a stone in water to make rings of ripples.

For the discovery Dr. S. L. Tackey received the \$1,000 Borien prize, and a gold medal, at Pullman, Washington. This prize is given annually to a scientist under 40 adjudged to have done one of the most outstanding pieces of work of the year in dairy manufacturing.

Dr. Tackey is 31, a University of Illinois graduate, and an associate in dairy manufactures at the university. His work was done on cheddar cheese, which is widely known as American cheese, and everywhere used to lure mice.

The X-ray pictures are known as diffraction photographs. They are shadows of masses of atoms, which show the arrangement of the atoms forming proteins in cheese.

LOCAL YOUNGSTERS WIN PORTLAND TRIP

Kelsey Hobday, Jr., son of Mr. and Mrs. K. H. Hobday, and Lila Sanders, high-stepping struttier of the Eagles Junior drum corps, and daughter of Mr. and Mrs. Harold W. Sanders, are to enjoy a tour visit in the city of Portland.

The two youngsters Saturday night were announced as the winners of the breakfast food cereal popularity contest conducted here for the past few weeks.

They will be taken on a tour of Portland, shown through one of the principal broadcasting studios, attend a baseball game and see many other interesting sights of the metropolis.

GRANGE TO VOTE ON MEETING CHANGE

CANAS VALLEY, July 2.—At Canas Valley grange meeting Tuesday, June 27, a motion was offered to amend the by-laws of the subordinate grange, making it possible to hold one meeting a month during July and August, namely the first meeting of the month which falls on the second Tuesday night. The question will be voted on at the next meeting, and all members are urged to attend.

ODDITIES

(By the Associated Press)

Continuity AMBROSIA, W. Va.—C. E. Pullin dispatched the first and last letters from the postoffice in this community. Discouraged by postal authorities, the office had only one postmaster in 50 years—Pullin.

Mutual Aid

GREENSBORO, S. C.—Deputy Sheriff J. W. Demont helped out three youthful hitchhikers—and then they helped him. After he stopped to give them a lift in his automobile, he discovered they were three youths he and his associates had been looking for on robbery charges.

Complent Angler

KANSAS CITY—Claude McIndoo took bad aim while practicing casting. A double hook caught in his brother Philip's scalp. At General Hospital Claude told an intern: "Be careful of that punk."

The operation required four

Growers Deliver Wool



News-Review Engraving.

Pictured above are Otho O'Leary, representative of the firm of Leland and Adams, Boston; V. J. Philippi and John Rohr, organizers of the Southern Oregon Wool pool. The three men were engaged Friday and Saturday in receiving wool at the Douglas Prune Growers association warehouse in Roseburg, and are receiving deliveries today at Oakland and Drain. Wool will be delivered Wednesday at Myrtle Creek. Approximately 250,000 pounds of wool was sold by about 400 growers included in the pool to the Boston firm at a price of 27 cents, net to the grower.

Statistician

WATERTOWN, Wis.—Otto Gronert, a retired farmer, likes to "keep track of things." For instance, while sitting around his home last summer, Gronert swatted 50,000 flies. And on a recent visit to the farm of his son, Elmer, in one day he picked 5,543 potato bugs. That, Gronert added, was "not counting the baby ones."

WENATCHEE CHERRY CROP NETS \$550,000

WENATCHEE, Wash., July 2.—(AP)—Fruit men estimated today the 1939 cherry crop in this district would net growers and workers about \$550,000. They said about 500 cars, or about 8,250,000 pounds, would be harvested. More than 200 cars already have been shipped.

EX-FILM DIRECTOR FACES CHECK COUNT

BEVERLY HILLS, Calif., July 2.—(AP)—Marshall Nellan, once-tamous motion picture director, said today he would fight charges placed against him yesterday of cashing three worthless checks totaling \$199.

Nellan was released on \$1,000 bail.

MELROSE

MELROSE, July 1.—Mrs. Violet Brainer of Portland recently visited over night with her parents, Mr. and Mrs. J. W. Bass.

Mr. and Mrs. Phil Hess arrived at Melrose Saturday and on Sunday Mr. Hess left for Eugene where he will be employed on the railroad. Mrs. Hess will visit a week with Mr. and Mrs. Charles Olson before she goes to join her husband. They have been residing at Marshfield for several weeks.

Mr. and Mrs. Milo Howard moved to Glendale last Sunday to make their home and where Mr. Howard will be employed.

E. F. Ward, Oscar Backlund and Bernard Sjogren started cutting piling at Glide the forepart of the week. Miss Georgia Emery left Tuesday for her home in Los Angeles, after

DRUG SAVES FISH

POISONED DOGS

No longer need dogs suffer and die from salmon poisoning, a deadly malady confined to the western part of Washington, Oregon and northern California. The long fight to learn the cause of, and find a control for this once mysterious trouble has apparently ended with the announcement by veterinarians at Oregon State college that they have succeeded in finding a practical and economical method of producing immunity.

Last year it was announced jointly by men of the State college staff and practicing veterinarians that the use of the already famous drug, sulfanilamide, would cure the disease even when it reached fairly advanced stages. Since that time the college men have conducted tests which prove that dogs that have been deliberately given a case of salmon poisoning and then cured with sulfanilamide become entirely immune to the disease.

This drug is not considered safe for use by laymen but the treatment can be administered at reasonable cost by any practicing veterinarian.

POULTRY AND EGGS IN U. S. INCREASE

The poultry and egg industry once more is expanding. Production of chickens was increased in 1938, and a further increase is in progress this year. Production of eggs declined slightly in 1938, but the output during the current year 1939 will probably equal or exceed that of 1937. On January 1 last, there were approximately 413,000,000 chickens on farms. On January 1 next there may be more than 420,000,000.

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"Look at this record," Says Alex F. Joerther, Lind, Washington. "Farming extremely hilly and soft ground, my D4 has: PLOWED 1000 acres with 1000 lbs. disk tillage WEEDED 1000 acres three times with 2 rod weeder HARVESTED 1000 acres with 1000 lbs. combine SEEDED 400 acres with 300 lbs. disc" ASK FOR A DEMONSTRATION ON YOUR OWN FARM DOUGLAS COUNTY Farm Bureau Co-op. Exch. ROSEBURG, ORE.