Live performances scheduled on indoor stage

To help in carrying the theme of "Alive in '85" a variety of "live" performances will be given on the indoor stage of the main exhibit hall throughout the fair. These will include music and songs by Marti Baker, Dawn Parm, Wanda Riley, Leroy Wornell and Cherilyn Smouse; a hairstyling and color demonstration by Jan Stroeber and Patti Nairns of Country Shears; slide show travel talks by Mary Goheen, Helen Martin, and Justine

Weatherford; cooking demonstrations by Sandy Richardson, Birdine Tullis, and Jane Rawlins; and possibly others not yet confirmed

For times, specifics, and other performers, fair visitors should check the published daily schedule and watch the schedule sandwich boards on Main Street in Heppner, Lexington, Ione, and Boardman as well as the one on the fairgrounds

2 new events attract attention

Two new livestock events are attracting a lot of attention this year. The lamb fitting and showing contest, a team event to allow groups to demonstrate the proper fitting and showing of market lambs has attracted several teams, says Extension Agent Steve

Campbell. The "My Lamb's Favorite Outfit" also has a lot of takers These are fun events designed to teach as well as entertain the participants and spectators. They promise to be a lot of fun for

Clown-bullfighter competition new to this year's rodeo

this year at Heppner will be a clown-bullfighting competition during both Heppner Rodeo performances, August 17 and 18.

well-known clownbullfighters will be competing for a total purse of \$1200 by risking their lives to delight the audience and protect the cowboys, says a rodeo spokesperson. Heppner will be the third and final competition for the best clown-bullfighters in the Northwest, and the best three clowns out of these rodeo competitions will be selected to compete against last year's clown-of-the-year, Joe Sanford of Kennewick, at the National Final Rodeo if one is scheduled.

The three clowns to appear at Heppner this year are George Kinter Toppenish winner of first at Philomath July 13-14; Rowdy Larry of Louden, Wash., winner of second at the clown-bullfighting contest at Bremerton June 14-16; and Bruce Kimsey, Findlay, Wash. This contest is not for the weak-at-heart, as these clowns will put their expertise and talents on the line pitted against special bulls selected and supplied or this event.

This competition has three parts so rodeo fans will see different and exciting aspects of it each day. One-10 points will be awarded in the category of Comedy the clown will be judged on his comedy routine.

and general ability to delight and captivate the audience. One-10 points go for the freestyle event, where the clown is allowed 90 seconds to entertain with a bull brought specifically for this portion of his aggresiveness One-10 points will be awarded by the

judges in the category of safety Demonstrated during the bullriding the cowboys pit themselves against P-9's extrodinary bulls, the clowns will be judged on their ability to distract the bull, protect the cowboy, and entertain at the same time

These clowns are not just in the

arena to be colorful, they are a vital and necessary protection for the bullrider if they should be fouled and unable to get away from the bull. Don't miss this event! It's guaranteed to excite you," concludes the rodeo spokesperson.

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Solar water heating savings vary with use

Q. How much money can I expect to save by installing a solar hot water heating system in my home? D.B., Hubbard

Most solar hot water heating systems sold in Orego are designed to meet between 50 and 70 percent of a family's hot water needs. How much money you can expect to save depends on two things:

How much you pay for gas electricity or whatever type of fuel you use to heat your hot water, and, How much hot water you use, which depends largely on how many

people live in your home. An average family of four paying three cents a kilowatt hour for electricity might save about \$88 a year. If their electric rate is five a kilowatt hour, they can expect to save about \$147 a year with solar hot water heating system. The same-size family paying 65 cents per therm for gas might save

\$93 a year A two-person household paying three cents a kilowatt hour for electricity might save about \$53 a If they pay five cents a kilowatt hour, they can expect to save about \$88 a year with a solar hot water heating system. The same couple paying 65 cents per therm of gas might expect to save \$56 a year.

My electric utility did an energy audit of my home. One of the recommendations was attic insulation. Before insulation is installed. they recommed cutting vents into the roof. Is cutting holes in the roof a good idea? - P.R., McMinnville,

ENERGY ANSWERS address and phone number. The

A. Adequate ventilation in your attice is important. An unventilated attic can accumulate moisture, leading to rotten rafters and joists. This moisture also may saturate insulation, reducing its effectiveness. Ventilation is a flow of air that

carries moisture out of the attic. A good rule of thumb is to have one square foot of vent opening for each 150 feet of attic floor area. For example, if your attic is 1,000 square feet, you'd need six and two-thirds square feet of vent area (1,000 divided by 150 equals six and two-

The vent area must be actual open area, not including space taken up by louvers and screens. Some vents have their effective area printed on them. Usually the effective area is one-half to two-thirds the dimen-

sions of the vent. Distribute the vents so that they acourage air flow through the attic Half of the vent area should be as high as you can get it (ridge vents, gable end vents, or roof jacks;. The other half should be as low as possible, usually under the eaves. If you can distribute the vents in such a manner, the Oregon Building Code allows you to reduce the total vent area to one square foot for each 300

square feet of attic area. So, the answer to your question is yes, cutting holes in the roof (or gable end) is a good idea when you're doing it to install vents

A side benefit is that vents help cool the attice in the summer, making the house more comfortable and increasing the life of roofing material

Oregon State University Extension energy agents and specialists will answer energy questions of interest to readers in this weekly column. Send your questions to Energy Answers, OSU, Corvallis,

Include your name FROM THE OSU EXTENSION SERVICE OSU Extension Energy program is conducted in cooperation with the Oregon Department of Energy with funding from Bonneville Power Administration and the U.S. Depart-

New research shows that forested land returns ten times the moisture to the atmosphere as deforested land, and produces 50 percent of the rain that falls on it, says a wildlife magazine

ment of Energy Vaccinations necessary to prevent measles

Oregon is presently surrounded by 326 cases of measles in Washington, Idaho and California. Already this year, Washington State has reported 48 cases of measles; California 140 cases; and Idaho 150 cases. After measles free year in 1984, Oregon's 1985 total remains at three with no known cases occurring since March reports the Oregon State Health

Doctor John Googins, Oregon State Epidemiologist states that while Oregon's record appears impressive, efforts are needed to assure that a measles outbreak does not occur here. Two age-groups are of particular concern, young adults of college age and preschoolers over 15 months of age who have not been immunized. The young adults frequently did not have an opportunity

to gain natural protection by having had measles during childhood-due to the decreased spread of the disease through the introduction of measles vaccine. Also many young adults have not been vaccinated against measles. Dr. Googins cites a national trend where for the first 26 weeks of 1985, 18.5 percent of reported measles occurred on college cam-

The Immunization Unit of Oregon State Health Division is attempting to assure that preschool children are brought in for immunizations by assisting the local health departments with Immunizations Tracking and Recall Systems. The Health Division also strongly encourages that colleges require students to be immunized against measles and

Volunteers keep it Alive in '85

Each year as fair approaches, an army of Morrow County volunteers swing into action, says Birdine Tullis, OSU Program Assistant. They are the faithful, and often unthanked group of people who serve in all the various departments of county fair, both 4-H youth and open class.

They work without pay. They keep the traditions and events of county fair alive from year to year constantly improving their departments to make them more pleasing to the

Many hours of volunteer labor go into the making of our fair. Not only are the superintendents working on a volunteer basis, the Fair Board and Fair Committee also works unpaid.

Some might wonder that the dedicated volunteers conitue to serve year after year. Their rewards are the satisfaction of knowing they are keeping a county tradition alive, and the pride they have in jobs well done.

Take a minute during the fair to say a simple thank you to those you see hard at work. They - our volunteers - are very special people.





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