

# Fundamentals Of Livestock Care

(Continued from Page A1)  
 tals of handling cattle, of which Dr. Temple Grandin knows a great deal about.

Grandin is assistant professor, department of animal sciences, at Colorado State University in Fort Collins, Colo. She is internationally known for her studies and recommendations to many cattle producers across the country.

Grandin will speak at the Expo about the "nuts and bolts" of animal handling, including how much personal space to give cattle, knowing their flight zone, and knowing how quickly and inexpensively producers can help solve some of the problems that plague the cattle industry.

"One of the first things producers can do is get rid of slippery floors," Grandin told *Lancaster Farming*. Also, producers should put solid sides on loading chutes, keep people away from the sides of

the chutes, and get workers at stockyards to understand the fundamentals of animal behavior.

A large part of what she'll address, she said, is bull safety. Many of the problems dairy producers face is how to handle bulls, according to Grandin. For many beef producers, bulls are weaned with their mothers. But dairy bulls many times aren't, and could pose real problems in handling in the yard.

In the past, her presentations have helped many producers across the nation benefit, and Grandin said she has heard comments from producers that have achieved results.

Dairy producers can save up to 10 minutes off the milking time if they just take a few extra steps in preparing the cow, according to Dr. Michael J. Gamroth, associate professor of animal sciences and extension dairy specialist at Ore-

gon State University. Gamroth will share his experiences in general milking parlor design and management at the Expo.

Milking parlor design performance and management work hand-in-hand, according to Gamroth. He said that, overall, a clean versus dirty parlor will contribute roughly 15 percent more milk to the tank. He will discuss optimal management of the herring bone and parallel type of parlors.

Some of the findings relate to studies in the mid-1980s which reflect what kinds of management techniques are necessary depend-

ing on varied herd sizes.

But many of the techniques Gamroth will demonstrate come as a result of what is learned at the milking schools conducted yearly by the Oregon State extension offices. The schools, which run over two days, show herd owners and employees the proper procedures before milking. The schools also explain what the somatic cell count is, how mastitis originates, and how to properly treat and manage related herd health problems.

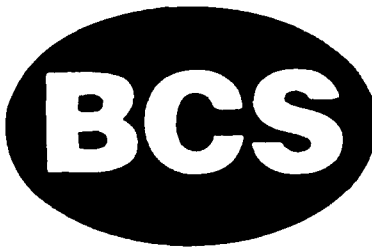
"The schools explain more the 'why' of things rather than the 'how,'" said Gamroth.

The purpose of the Animal

Housing Expo is to provide poultry, dairy, and livestock producers an opportunity to see what is available in the form of supplies, equipment, and services related to animal housing.

Featured will be commercial exhibits, demonstrations, and educational displays.

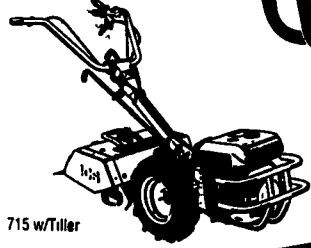
General chair of the Expo is Dan F. McFarland, Penn State Cooperative Extension, 112 Pleasant Acres Rd., York, PA 17402-9041, (717) 757-9657. Exhibits chair is Leon Hoover, 410 East Lincoln Avenue, Myerstown, PA 17067-7565, (717) 866-7565.




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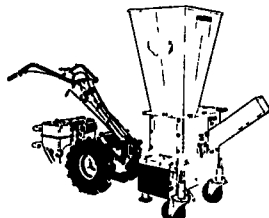
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