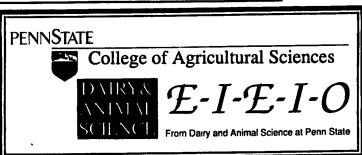
Lancester Farming, Saturday, December 10, 1934-431





DAIRY NUTRITION GROUP FORMS

Linda L. Smith **Communications** Specialist Penn State

When Dick Adams retired nearly three years ago, he cut back his work week from 70 hours to 40. Adams had led Penn State Cooperative Extension's dairy nutrition program for nearly 40 years. Ongoing faculty and staff have had to reorganize to make up for this change.

Make no mistake, Dick Adams was a tough act to follow. He was an innovator, leader, driving force, pioneer, professional-amongprofessionals, cutting-edge scientist, and a creative leader in the development of modern dairy farming throughout the world (see "Adams Steps Back, Not Down"). To help fill the void left by

Adams, his colleagues have come together to continue serving the needs of the dairy industry. With combined expertise of five individuals, the Penn State Dairy Cattle

Penn State's Dairy Cattle Nutrition Extension Group **Department of Dairy and Animal Science**

A. Jud Heinrichs (814-863-3916) Professor of Dairy and Animal Science

Lisa A. Holden (814-863-3672) Assistant Professor of Dairy and Animal Science

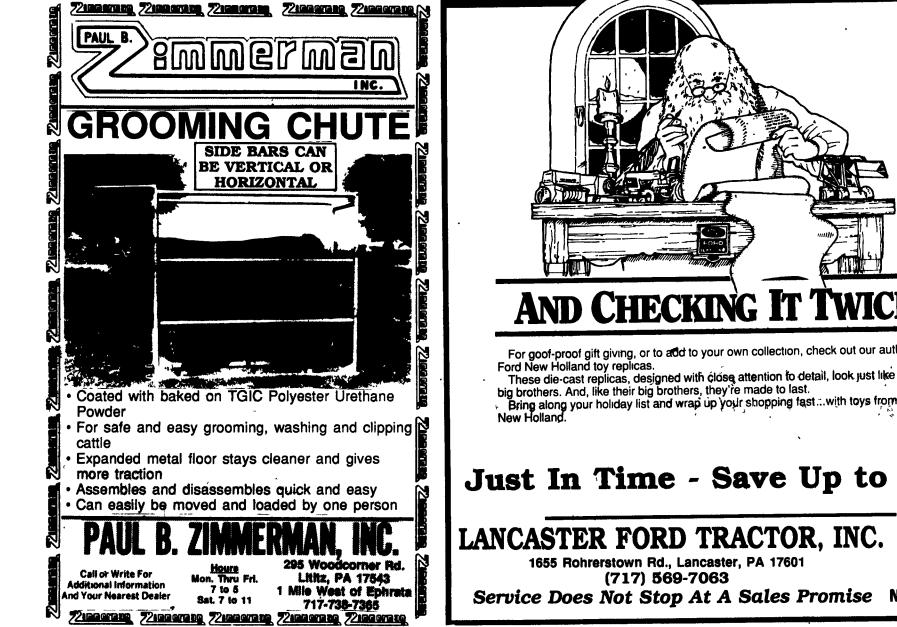
Virginia A. Ishler (814-863-3912) Extension Assistant, Dairy and Animal Science

Gabriella A. Varga (814-863-4195 Associate Professor of Animal Science

Lawrence D. Muller (814-863-4205) Professor of Dairy Science

Areas of Expertise

Primary Contracts	Heinrichs, Holden
Calves	
Heifers	Heinrichs
Milking cowsI	shler, Heinrichs, Muller
Dry cows ł	
Forages	
ConcentratesI	
Minerals H	
Pastures	
Additives, forage	
Additives, concentrate	
Trouble-shooting	
Miscellaneous	



conducted by extension agents and



Jud Heinrichs Professor **Dairy And Animal Science**

Nutrition Extension Group will use a team approach to support Pennsylvania producers.

According to group leader Jud Heinrichs, "Where this group is concerned, the whole is definitely greater than the sum of the parts."



Lisa Holden Assistant Professor **Dairy And Animal Science**

Others who comprise the group are Lisa Holden, Virginia Ishler, Gabriella Varga, and Larry Muller (see chart for areas of emphasis).

With the coming of the information age and the opening of global markets, the dairy industry is



Dairy Science

Virginia ishler

Extension Assistant Dairy And Animal Science

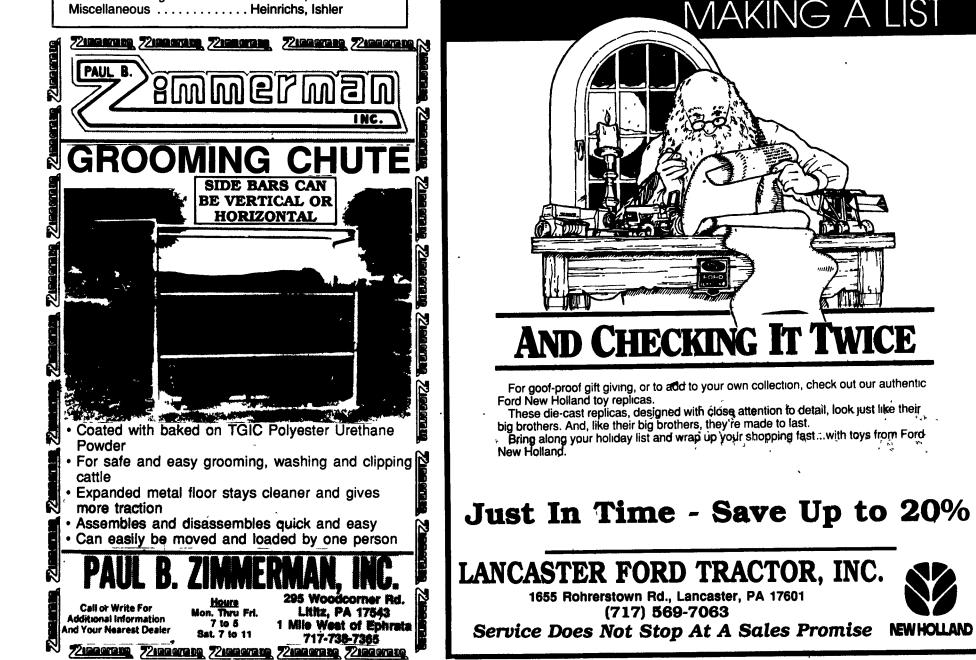
experiencing many changes. To meet the challenge, methods for education and technology transfer must keep up. According to Heinrichs, the emphasis for this new Penn State group has shifted to empowering educators and professionals who are strategically positioned to work with producers oneon-one. For instance, whereas a few University extension experts used to provide routine dietary information to individual producers, now they will spend more time training feed industry professionals, county agents, and veterinarians.

A prime focus of the group's efforts will be to work with these intermediaries to identify problems in dairy cattle nutrition before they become widespread, seek out solutions, and then provide proactive training for those individuals who interface regularly with producers.

One such problem in particular was identifying proper forage and TMR particle size and characterizing particle-size distribution so feed recommendations could be

(Turn to Page A31)

Larry Muller Professor



Gabriella Varga

Animal Science

Associate Professor