

Lawrence Muller Receives Research Award

CHAMPAIGN, IL. — Lawrence D. Muller, Professor of Animal Science, The Pennsylvania State University, is the recipient of the 1988 MSD Agvet Dairy Management Research Award sponsored by MSD AGVET, a division of Merck & Company, Inc.

The award, consisting of \$1500 and a plaque, was presented to Mueller June 28 at the 83rd Annual Meeting of the American Dairy Science Association held on the University of Alberta campus at Edmonton, Alberta, Canada. Muller received the award for his outstanding research in dairy cattle dairy farm management.

Major research areas of Mueller include fermented colostrum for calves, calf housing, brown midrib mutants of corn, forage preservation, protein nutrition of calves and lactating cows, induced parturition, and buffers for lactating cows and for calves. In the area of calf nutrition, Muller investigated the influence of various chemicals and bacterial cultures on the preservation of colostrum, the effect of methionine hydroxy analog on calf performance, and nutritional requirements for cold-housed calves. Working with the early lactation cow, he was involved in

some of the original research evaluating the effect of brown midrib corn silage on dry matter intake, digestibility, and lactation performance. Muller and his students were one of the first groups to study extensively the effects of buffer addition to dairy cattle rations.

Muller's research has wide application for the nation's dairy industry. His research on use of buffers and nutrition of dairy calves contributed significantly to solutions for nutritional and management problems experienced on many farms. His research has made major contributions in use of fermented colostrum, applicability of brown midrib corn in ruminant diets, value of buffers in diets of calves and lactating cows, feeding strategy to induce daylight calving, energy needs of calves housed in cold environments, and benefits of supplemental niacin for summer feeding programs.

His current research areas include feeding systems and strategies for young calves, protected amino acid nutrition for lactating cows, mechanisms of action of bovine somatotropin on milk production, milk composition and reproductive performance, and

interaction of extra dietary nutrients and somatotropin treatment on lactational performance.

Muller has been an active member of ADSA since 1964. He has been a member and chair of several important association committees, has served on the Production Division Council, and is currently serving on the ADSA Board of Directors. Muller also holds memberships in American Society of Animal Science, American Institute of Nutrition, American Forage and Grassland Council, Gamma Sigma Delta, Sigma Xi, and Dairy Shrine Club.

Lawrence Muller is author or coauthor of 65 papers in referred journals, 75 abstracts, one book and numerous articles in the popular press. He has been a popular speaker at nutrition conferences throughout the US and at various producer groups.

Muller received his B.S. degree from the University of Illinois in dairy science in 1964 and the M.S. in 1966. He earned the Ph.D. degree in animal science from Purdue University in 1969.

From 1969 to 1971, Muller was Assistant Professor of Animal Science at Purdue University. In 1971, he accepted a position of

Assistant Professor in the Department of Dairy Science at South Dakota State University where he taught courses in dairy production and management and conducted research in dairy cattle nutrition and management. In 1976, he received the Outstanding Teacher Award in the College of Agriculture.

In 1976 he accepted the position of Associate Professor of Dairy Science at The Pennsylvania State University. He is responsible for courses in nutrition and management and for advising about 15 undergraduate students in addition to his research activities. He has

advised 21 graduate students. Three of his students placed first or second in graduate paper presentations at professional meetings. For his teaching and advising activities, Muller received the Ralston Purina Teaching Award from ADSA in 1985 and the Outstanding Advisor Award of the ADSA student division in 1983.

MSD Agvet, the animal health division of Merck & Company, Inc., provides products, technology, and delivers systems to meet animal health and agricultural needs throughout the world. MSD Agvet has sponsored this award since its inception in 1986.

Hershey Named State Bush Chairman At Ag Progress

ROCK SPRINGS — At a press conference here at Ag Progress Days — just hours before Vice President George Bush received the Republican nomination for President. The announcement was made of the formation of "Farmers For Bush" chaired by state Representative Art Hershey of Chester County.

"Agriculture is the largest industry in Pennsylvania and the nation. Those of us in agribusiness found that under the last Democratic Administration we could not afford, because of high interest rates, to keep our farms after a poor growing season," Hershey said. "Now we have access to working capital to not only make a living but also expand. The paralyzing

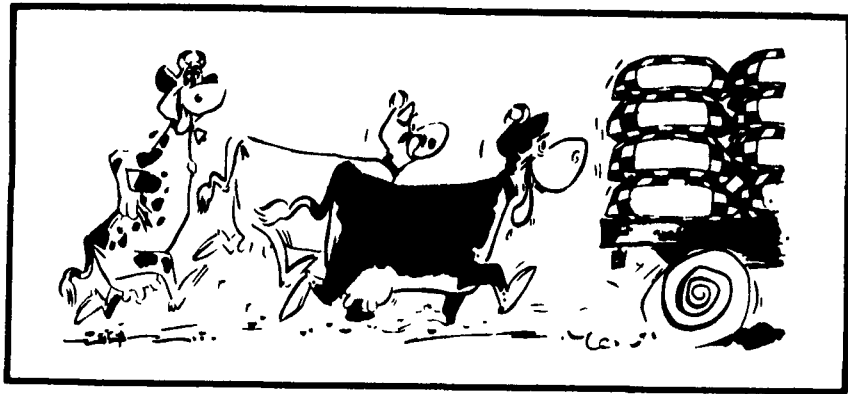
grain embargo of 1980 still haunts many farmers. We must ensure that hasty policy decisions that cripple our industry and our nation never happen again. Our choice for President is as clear as our choice for poverty or prosperity — our choice is George Bush.

"The farm community has always been the backbone of America. With our solid belief in God, Country, and Family, we have set a standard for our country's morals. We want a leader who shares those ideals — clearly George Bush is that leader.

"George Bush was the first candidate to recognize the problems facing agriculture. As Vice President he provides dedicated leadership and hope for continued success."

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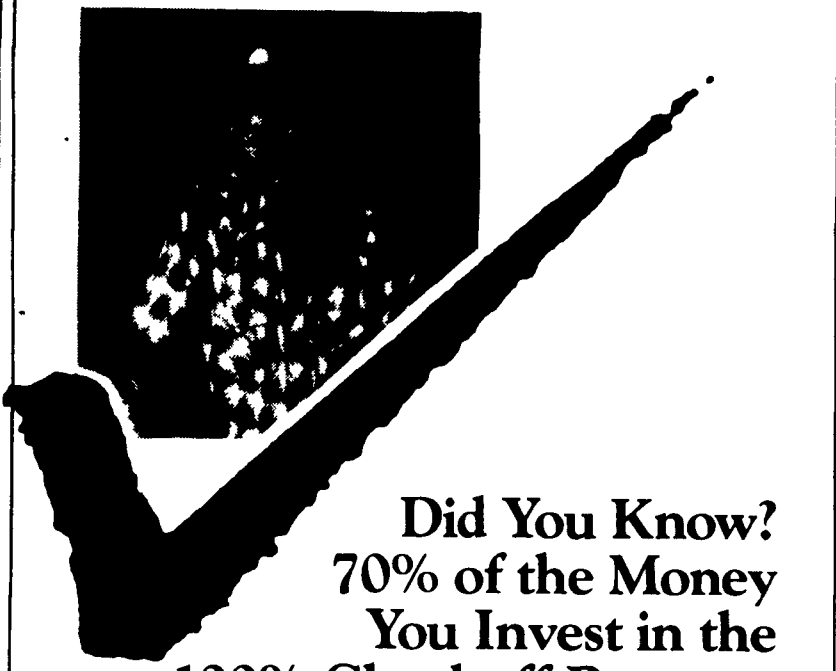
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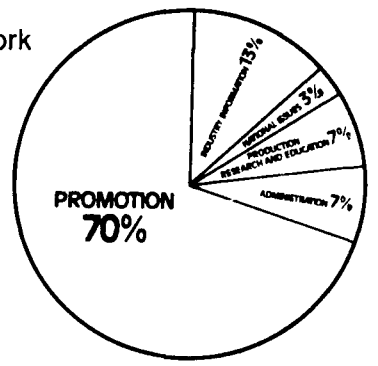


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Did You Know? 70% of the Money You Invest in the 100% Checkoff Program Is Used to Promote Pork.

These promotions include TV and magazine ads for the "White Meat" campaign, merchandising America's Cut™, foodservice promotions and informing health professionals that lean pork is low in calories and cholesterol.



Vote in the Pork Referendum September 7-8, 1988 at your local County Extension Office.



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