

About the Speakers

Mitch Davis is currently the General Manager of Davis Family Dairies. He has worked in all areas of the family cheesemaking and spray drying business with emphasis in whey and whey fractions processing. He holds a BS in food science and nutrition from the University of Minnesota.

Martin Draper, Associate Professor and Extension Plant Pathologist at South Dakota State University, holds MS and PhD degrees in plant pathology from North Dakota State University. He is currently involved in research and outreach projects on minimizing producer's losses from diseases of cereals and soybeans.

Arnold Hippen, Associate Professor of dairy science at South Dakota State University, teaches dairy science to undergraduate and graduate students and conducts research on dairy farm management and dairy cow nutrition including nutritional control of milk composition, carbohydrate and lipid metabolism, and metabolic disorders of dairy cows.

Ron Horst works at the National Animal Disease Center in Ames, IA, where he serves as acting Center Director and Research Physiologist in the Periparturient Diseases of Cattle Unit. He also holds an Adjunct Professor appointment at Iowa State University. Ron received his PhD from the University of Wisconsin-Madison.

Paul Kononoff, a native of Saskatoon, Saskatchewan, Canada, received his PhD in dairy nutrition from The Pennsylvania State University. Paul is currently an Assistant Professor of dairy nutrition at the University of Nebraska-Lincoln. His research focuses on understanding the relationship between forage quality and ruminal fermentation in lactating dairy cows.

Bill Lazarus received his PhD from the University of Illinois. He is currently an Extension Economist in the Department of Applied Economics at the University of Minnesota. His research interests and extension programs include farm machinery management, and crop and livestock production economics.

Jim Linn is a University of Minnesota Professor and Dairy Nutritionist with extension, research and teaching responsibilities. Jim is on the Board of Directors of the American Dairy Science Association, and was a member of the 2001 Nutrient Requirements of Dairy Cattle committee and the NRC committee reviewing "Minerals and toxic substances in diets and water for animals".

Michael Russelle is a Soil Scientist with the USDA-Agricultural Research Service and an Adjunct Professor with the University of Minnesota. A native of Oregon, he earned his PhD from the University of Nebraska-Lincoln. His research focuses on improving nitrogen cycling in agriculture, particularly on dairy farms.

South Dakota State University
Dairy Science Department
Dairy Microbiology Room 109
Brookings, SD 57007

RETURN SERVICE REQUESTED

1st Annual I-29 Dairy Conference

Forages — Where Milk
Production Starts

January 31, 2006

Best Western Ramkota Hotel
and Conference Center
Sioux Falls, South Dakota



Sponsored by the following educational institutions
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Iowa State University
South Dakota State University
University of Minnesota
University of Nebraska

1st Annual I-29 Dairy Conference

Forages, Milk Production, and the Environment

Moderator: Tracey Renelt, County Livestock Extension Educator, South Dakota State University Cooperative Extension Service-Kingsbury County

- 10:00-10:15 The Dairy Industry Development Along the I-29 Corridor – *Mitch Davis, DAVISCO*
10:15-11:00 Impacts of Forage Choices on Milk Production – *Paul Kononoff, University of Nebraska*

Breakout sessions: Alfalfa

Moderator: Chris Mondak, Extension Dairy Field Specialist, Western Iowa Dairy Alliance, Iowa State University Extension

- 11:10-11:40 Manure Management on Alfalfa – *Mike Russelle, USDA/ARS*
11:40-12:10 Can Chloride Fertilization Prevent Milk Fever? – *Ron Horst, National Animal Disease Center, USDA/ARS*

Breakout sessions: Corn silage

Moderator: Merri Post, Coordinator, Southwest Minnesota Dairy Profit Group, Minnesota Department of Agriculture

- 11:10-11:40 Harvest Management for Quality Corn Silage – *Arnold Hippen, South Dakota State University*
11:40-12:10 Molds and Mycotoxins in Corn Silage – *Martin Draper, South Dakota State University*
12:10-1:00 Lunch Break

Afternoon sessions

Moderator: Alvaro Garcia, Associate Professor and Extension Dairy Specialist, South Dakota State University

- 1:00-1:30 Pricing Forages Based on Quality – *Jim Linn, University of Minnesota*
1:30-2:00 Pricing Forages Based on Production and Harvesting – *Bill Lazarus, University of Minnesota*
2:00-2:15 Break
2:15-3:15 Panel discussion: Custom Harvesting Forages – *Producers and custom harvesters*

Conference Location

Best Western Ramkota Hotel and Conference Center
3200 W. Maple
Sioux Falls, SD 57107
Exit 81 off I-29

Registration

Pre-registration is strongly encouraged to ensure a reservation. The fee is \$20 per person (includes lunch).
Please register by January 24, 2006.

Contact For More Information or To Register

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