



Wisconsin Agri-Business Association
2801 International Lane, Suite 105
Madison, WI 53704

**IMPORTANT REGISTRATION
MATERIALS ENCLOSED!**

Four-State Dairy Nutrition and Management Conference

June 15 & 16 - Dubuque, Iowa

Cooperative Extension for:
Iowa State University
University of Illinois
University of Minnesota
University of Wisconsin



2016

Pre-conference Symposium

Wednesday, June 15, 2016

7:30 AM Registration

Sponsored by Diamond V



8:00 - 11:30 AM

New Perspectives on the Control and Management of Salmonella and Related Enteric Pathogens, *Dr. Steve Carlson - Iowa State University*

Now That You've Heard the Science, How Do You Apply it to Your Practical Feeding Situations, *Dr. Bill Sanchez - Diamond V*

Immunology and the Diamond V Experience, *Dr. Stuart Reeves - Diamond V*

Dairy Producer Panel

11:30 AM - Lunch

Visit Conference Exhibitors

4-State Dairy Nutrition and Management Conference
Co-Sponsored by:

IOWA STATE UNIVERSITY
Extension and Outreach


UNIVERSITY OF MINNESOTA
EXTENSION


UNIVERSITY OF ILLINOIS
EXTENSION


UW
Extension
University of Wisconsin-Extension

4-State Dairy Nutrition and Management Conference

Wednesday, June 15, 2016

General Session

Nutrition to Improve Performance and Cow Health

1:30 - 2:10 PM Using uNDF to Predict Dairy Cow Performance and Design Rations

Dr. Dave Mertens - Mertens Innovations

2:10 - 2:50 PM Leaky Gut's Contribution to Inefficient Nutrient Utilization

Dr. Lance Baumgard - Iowa State University

2:50 - 3:30 PM Revisiting Starch for Lactating Dairy Cows

Dr. Randy Shaver - University of Wisconsin

3:30 - 4:00 PM Break

Visit Conference Exhibitors

Breakout Session I

6 Topics 2x; 4:00-4:30 & 4:40-5:10 PM

Room 1 What are the Advantages of Using aNDFOM?

Dr. Dave Mertens - Mertens Innovations

Room 2 A Review of Post-Absorptive Nutrient Partitioning

Dr. Lance Baumgard - Iowa State University

Room 3 Keeping Post-Weaned Heifers Growing Great

Dr. Tamilee Nennich - Famo Feeds

Room 4 Heifer Stocking Density and Performance

Dr. Wayne Coblenz - USDA Forage Research Center

Room 5 Automated Calf Feeders: What Makes Them Work?

Dr. Marcia Endres - University of Minnesota

Room 6 Forage Quality of Two Different Pasture Systems Incorporating Warm and Cool Season Forages for Grazing Organic Dairy Cattle

Dr. Brad Heins - University of Minnesota

4-State Dairy Nutrition and Management Conference

Thursday, June 16, 2016

7:00 - 8:00 AM Breakfast
Sponsored by DuPont Pioneer



PIONEER
A DUPONT BUSINESS

Starch Digestion Primer
Dr. Fred Owens - DuPont Pioneer Research Scientist

General Session
Nutrition to Improve Reproductive Performance

8:30 - 9:10 AM **Impact of Feeding Amino Acids on Reproduction**
Dr. Phil Cardoso - University of Illinois

9:10 - 9:50 AM **Fertility Programs to Achieve High 21-d Pregnancy Rates in High-Producing Dairy Herds**
Dr. Paul Fricke - University of Wisconsin

9:50 - 10:30 AM **Reproduction, How to Turn the Research Into a Breeding Program**
Dr. Don Niles, DVM - Partner Dairy Dreams

10:30 - 11:00 AM **Break - Visit Conference Exhibitors**

Breakout Session II
6 Topics 2x; 11:00-11:30 & 11:35-12:05 PM

Room 1 Milk Urea Nitrogen (MUN) as a Nutritional and Environmental Management Tool
Dr. Michel Wattiaux - University of Wisconsin

Room 2 Including Ethanol Co-Products in Dairy Rations: A Moving Target
Dr. Hugo Ramirez - Iowa State University

Room 3 Finding Feeding Bottlenecks on the Farm
Dr. Mike Hutjens - University of Illinois

Room 4 Ruminating on Cow Behavior Monitors: A real Time Look
Dr. Leo Timms/Dr. Ryan Breuer - Iowa State University

Room 5 Forage Value of Cover Crops
Jim Paulson - University of Minnesota

Room 6 Harvesting Solutions for Outstanding Corn Silage!
Tim Meister - John Deere

Post-conference Symposium

Thursday, June 16, 2016

BALCHEM
Real People. Real Science. Real Results.

Sponsored by Balchem

12:50 - 1:30 PM **Breeding for Milk Protein**
Keith Gibson - Select Sires

1:30 - 2:15 PM **Feeding for Milk Protein**
Dr. Mike Van Amburgh, Cornell University

2:15 - 3:00 PM **The Future of Milk Protein as a Functional Food**
Dr. John Lucey - University of Wisconsin

3:00 - 3:45 PM **The Economics of Milk Protein**
Dr. Greg Bethard - Pagel's Ponderosa & Dairy Dreams

Conference Concludes

Mark Your Calendar for Future Dates of the 4-State Conference

June 14-15, 2017

June 13-14, 2018



Location

The conference will be held at the:

Grand River Center
500 Bell Street
Dubuque, Iowa 52001
(563) 690-4500

Lodging

A block of rooms have been reserved at these area facilities.

Grand Harbor Resort
350 Bell St., Dubuque, IA
(866) 690-4006

Single room rate \$99 + taxes; Double room rate \$110 + taxes. Cut off date May 15. Be sure to mention 4-State Dairy to receive the group rate.

This hotel will sell out, so register now.

Holiday Inn Dubuque
450 Main St., Dubuque, IA
(563) 556-2000

Room rate: \$99 + taxes for a single or double. Cut off date May 14. Be sure to mention 4-State Dairy Conference to receive the group rate.

Program Information Contacts

Dr. Phil Cardoso, Univ. of Illinois (217) 300-2303
cardoso2@illinois.edu

Dr. Larry Tranel, Iowa State Univ. (563) 583-6496
tranel@iastate.edu

Jim Salfer, Univ. of Minnesota (320) 203-6093
salfe001@umn.edu

Dr. Randy Shaver, Univ. of Wisconsin (608) 263-3491
rdshaver@wisc.edu

Registration Information

Registration Fee: \$150 before June 1
\$175 after June 1 and at the door

Includes: registration, conference proceedings, listed meals and breaks.

Cancellations/Refunds

To receive a full refund, you must contact the Wisconsin Agri-Business Association by June 1, 2016. After that date, a \$25 cancellation fee will be charged. If you fail to cancel, no refund will be granted.

Registration questions, please contact WABA at 608-223-1111 .

Sponsors

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BioZyme Inc.	NovaMeal by Novita Nutrition
Cottonseed LLC	Novus International
DairyOne	Oleofinos/Latomil
Dairy Nutrition Plus (SoyPLUS/SoyChlor)	Papillon Agricultural Company
Enz-A-Bac Advanced Products	R&D LifeSciences
Fermented Nutrition	Rock River Laboratory
Innovative Additives, Inc.	Zinpro Corp

Bronze

Milk Products
Perdue AgriBusiness LLC
Quality Liquid Feeds

Registration

4-State Dairy Nutrition & Management Conference June 15 & 16, 2016

You may register up to 4 people per form, please list the primary contact first.

1. _____
Name as desired on badge (Print clearly or type) City/State

Email

2. _____
Name as desired on badge (Print clearly or type) City/State

Email

3. _____
Name as desired on badge (Print clearly or type) City/State

Email

4. _____
Name as desired on badge (Print clearly or type) City/State

Email

Organization/Company

Mailing Address

City State Zip

Daytime Telephone number

Email

Registration

Please check what you will be attending:

Pre-Conference Symposium

Post-Conference Symposium

Early Registration Fee by May 31 \$150
Late Registration Fee \$175

After June 6, please bring your registration to the conference
Walk-in Registration Table.

You may register on-line at wiagribusiness.org/store

**Make checks payable to: Wisconsin Agri-Business Assn. (WABA) or
charge as indicated below.**

Visa, MasterCard or Discover

Card # _____

Exp. Date _____

Name on Card: _____

Email: _____

Address: _____

City _____ State _____ Zip _____

Mail to: Wisconsin Agri-Business Assn.
2801 International Lane, Suite 105
Madison, WI 53704
or Fax: (608) 223-1147
or Email: denise@wiagribusiness.org

The Agenda can be seen online at either:
<http://z.umn.edu/4state> or
<http://wiagribusiness.org/fourstate.html/>