



2801 International Lane, Suite 105
Madison, WI 53704



Grand River Center
500 Bell Street
Dubuque, Iowa

Four-State Dairy Nutrition and Management Conference

June 13 & 14, 2018

Program and
Registration Materials Enclosed
PRE-REGISTER BEFORE 6/1/2018

Pre-conference Symposium

Wednesday, June 13, 2018

7:30 AM Registration

Sponsored by Alltech

Achieving and Ensuring a Herd's Genetic Potential



8:00 - 11:30 AM

Strategies to Capture Your Herd's Potential - *Dr. Roger Scaletti, Alltech Mineral Management Technical Support*

Mycotoxin Impact on Lifetime Performance from Fetus through Freshening - *Dr. Alexandra Weaver, Alltech Mycotoxin Management Technical Support*

The 5 C's of Calf Management - *Dr. Sam Leadley, Calf/Heifer Management Specialist, Attica Veterinary Associates*

Fine Tuning Your Dairy for Greater Efficiency and Profits - *Thomas Lorensen/Jeff Johnson, Alltech On-Farm Support Specialists*

11:30 AM - Lunch - Visit Conference Exhibitors

4-State Dairy Nutrition and Management Conference

Wednesday, June 13, 2018

General Session

Using New Forages and MP Predictions for Improved Performance

1:30 - 2:10 PM Improving the Prediction of Metabolizable Protein Supply Through Evaluation and Application of Intestinal Protein Digestibility - *Dr. Mike Van Amburgh, Cornell University*

2:10 - 2:50 PM Low Lignin Forages: BMR Corn & Reduced-Lignin Alfalfa - *Ev Thomas, Oak Park Agronomics, Ltd.*

2:50 - 3:30 PM Making Low-Lignin Highly Digestible Forages Work on the Dairy - *Jim Barmore, GPS Dairy Consulting and Brian Forrest, Maple Ridge Dairy, WI*

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 Beyond IgG: Components of Colostrum as Modifiers of Metabolism and the Immune System of the Calf - *Dr. Mike Van Amburgh, Cornell University*

Room 2 Alfalfa vs. Alfalfa-Grass: Obstacles and Opportunities - *Ev Thomas, Oak Point Agronomics, Ltd.*

Room 3 Feeding Practices in Top U.S. Jersey Herds - *Dr. Mike Hutjens, University of Illinois*

Room 4 Getting the Biggest Bang for your Calf Recommendations - *Dr. Sam Leadley, Calf/heifer Management Specialist, Attica Veterinary Associates*

Room 5 Looking Back to Understand the Present: Monitoring the Transition Cow - *Dr. Luciano Caixeta, University of Minnesota*

Room 6 (1X) Feeding and Management Practices for Robotic Milking Success - *Jim Salfer, University of Minnesota*

(1x) Economics and Management Practices of Robotic Milking Systems in Iowa - *Dr. Larry Tranel and Jennifer Bentley, Iowa State University*

4-State Dairy Nutrition and Management Conference

Thursday, June 14, 2018

6:45 - 8:00 AM Breakfast

Sponsored by Papillon Agricultural Co.



General Session

High Quality Forages and Fatty Acids to Maximize Milk and Components

8:30 - 9:10 AM Producing More Milk with More High-Quality Forages - *Dr. Randy Shaver, University of Wisconsin*

9:10 - 9:50 AM Wrap your Head Around Today's Fiber Digestion Metrics: Working to Better Understand Feeds on Farm and Build Better Diets - *Dr. John Goeser, Rock River Labs*

9:50 - 10:30 AM Impact of Individual and Combinations of Supplemental Fatty Acids on Dairy Cow Performance and Metabolism - *Dr. Adam Lock, Michigan State University*

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 Corn Genetic Applications to Improve Silage Starch Digestibility in Dairy Cows - *Dr. Randy Shaver, University of Wisconsin*

Room 2 Nutrition Aspects During the Transition Period in Dairy Cows - *Dr. Phil Cardoso, University of Illinois*

Room 3 Supplementing Fatty Acids to Fresh Cows: Which Ones, When, and How Much? - *Dr. Adam Lock, Michigan State University*

Room 4 Effect of Manipulating Progesterone Before Timed Artificial Insemination on Double Ovulation and Twinning Rates in High-Producing Holstein Cows - *Dr. Paul Fricke, University of Wisconsin*

Room 5 Using a New Heat Stress Model to Evaluate Summer Nutritional Strategies - *Leo Timms & Mohammad Al-Qaisi, Iowa State University*

Room 6 (1x) Integrating Cover Crops and Livestock to Improve Farm Profitability - *Dr. Brad Heins, University of Minnesota*

(1x) Cost of Raising Calves using Individual or Automated Feeding - *Dr. Matt Akins, University of Wisconsin*

Post-conference Symposium

Thursday, June 14, 2018

Sponsored by Canola Council of Canada

Innovation in Forage Evaluation – Why Should You Care?



12:00 - 12:20 PM Lunch

12:20 - 12:30 PM A Snapshot of the Canola Industry in Canada - *Brittany Dyck, Canola Council of Canada*

12:30 - 12:50 PM Canola Meal, a Proven Advantage in Various Diet Formulations - *Dr. Kenneth Kalscheur, USDA-ARS, U.S. Dairy Forage Research Center*

12:50 - 1:10 PM Canola Meal for Early Lactation Cows - *Dr. Spencer Moore, Doctorate, University of Wisconsin-Madison*

1:10 - 1:30 PM Getting Canola Meal Values Right in the Formulation - *Dr. Essi Evans, Technical Advisory Services*

1:30 - 2:00 PM Evaluating Feeding Financials - *Dr. Marty Faldet - GPS Dairy Consulting, LLC*

Conference Concludes

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 13. 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: \$104 + taxes for a single or double. Cut off date May 13. Be sure to mention 4-State Dairy Conference to receive the group rate.

Program Information Contacts

Dr. Phil Cardoso, University of Illinois	(217) 300-2303	cardoso2@illinois.edu
Dr. Larry Tranel, Iowa State University	(563) 583-6496	tranel@iastate.edu
Jim Salfer, University of Minnesota	(320) 203-6093	salfe001@umn.edu
Dr. Randy Shaver, University of Wisconsin	(608) 263-3491	rdshaver@wisc.edu

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

IOWA STATE
UNIVERSITY
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UNIVERSITY OF MINNESOTA
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 UNIVERSITY OF ILLINOIS
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Dairy Herd Management & Farm Journal's MILK	Phileo Lesaffre Animal Care
Dairy Nutrition Plus (SoyPlus/Soy Chlor)	Pioneer
Dairyland Laboratories, Inc.	PMI Nutritional Additives
Diamond V	Quality Roasting
DSM Nutritional Products	Trouw Nutrition USA
HarvXtra Alfalfa	United Animal Health
Jefo	Virtus Nutrition
Kemin	Westway Feed Products
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Agrarian Solutions	Mycogen Seeds
Ajinomoto Animal Nutrition N.A.	NovaMeal by Novita Nutrition
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Arm & Hammer	R&D Lifesciences
Energy Feeds International	Rock River Laboratory
Enzabac Advanced Products	RP Feed Components LLC
Lallemand Animal Nutrition	Topcon Agriculture Americas
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Bronze

Adisseo	Perdue AgriBusiness
Dairy One Forage Lab	Provimi
Form A Feed	Quality Liquid Feeds Inc.
Greenfield Contractors, LLC	VAS-Valley Agricultural Software

Registration

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, 2018. 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

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

Please check what you will be attending: ☐ **Pre-Conference Symposium** ☐ **Post-Conference Symposium**
(must pre-register to attend)

☐ **Do you give permission for your name to be distributed?**
Information on attendees only given to the platinum and gold sponsors.

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

Email

Please check what you will be attending: ☐ **Pre-Conference Symposium** ☐ **Post-Conference Symposium**
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Name as desired on badge (Print clearly or type) City/State

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Registration (*continued*)

Organization/Company_____

Mailing Address_____

City_____State_____Zip_____

Daytime Telephone number_____

Payment Information

Form of Payment: ☐ Check (enclosed) ☐ Credit Card

Name on Card:_____

Card Number: _____ Expiration Date: _____

Phone Number: _____ Email Address: _____

Card Billing Address: _____ City: _____ State: _____ Zip: _____

Signature: _____

After June 8, please bring your registration to the conference Walk-in Registration Table.

You may register on-line at: <https://tinyurl.com/4state>

Make checks payable to: Wisconsin Agri-Business Association (WABA)

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>

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This training is offered in cooperation with Dairy AdvanCE and has been approved for up to 11.0 continuing education (CE) credits and 11 ARPAS CE credits. Dairy AdvanCE is a continuing education accreditation provider for dairy producers and other dairy industry professionals.