



2801 International Lane, Suite 105  
Madison, WI 53704



## Four-State Dairy Nutrition and Management Conference

June 13 & 14, 2018

Grand River Center  
500 Bell Street  
Dubuque, Iowa

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

# Four-State Dairy Nutrition and Management Conference

June 13 & 14, 2018 - Dubuque, Iowa



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

# 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 Lorenzen/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.**  
**New Technology for Managing Clostridial Challenges**



*Dr. Joel Pankowski, Arm & Hammer Animal Nutrition*  
*Clayton Stoffel, Papillon Agricultural Company*

### 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**  
**Canola Meal – Research Findings, Formulations and Financials**



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*

## 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  
Extension and Outreach

  
UNIVERSITY OF MINNESOTA  
EXTENSION

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## Sponsors

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we appreciate your support!*

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### Gold

Ag Processing Inc.	Milk Specialties Global
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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	QualiTech, Inc.
DSM Nutritional Products	Quality Roasting
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### Silver

Agrarian Solutions	MIN-AD, Inc.
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Elanco Animal Health	Olmix
Energy Feeds International	Origo
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Feedworks	Rock River Laboratory
Fermented Nutrition Corp.	RP Feed Components LLC
Global Agri Resources	Topcon Agriculture Americas
Lallemand Animal Nutrition	Zinpro Corporation

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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.*

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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.*

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

\_\_\_\_\_  
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*(continued on other side)*

## 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: \_\_\_\_\_

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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](mailto:denise@wiagribusiness.org)

The Agenda can be seen online at either:

<http://z.umn.edu/4state> or  
<http://wiagribusiness.org/fourstate.html>

**Dairy AdvanCE**<sup>®</sup>  
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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.