

4-State Dairy Nutrition and Management Conference
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Registration Fee: \$75 per person

Please use this form or visit our online store to register at: :
<http://tinyurl.com/4state>

Refunds
To receive a full refund, you must contact the Wisconsin Agri-Business Association by June 1, 2020. After that date, a \$25 cancellation fee will be charged. Registration questions, please contact WABA at 608-223-1111.

1.

Name

Company

City/State/Zip

Email

Do you give permission for your name to be distributed?
(Information on attendees only given to the gold sponsors)

2.

Name

Company

City/State/Zip

Email

Do you give permission for your name to be distributed?
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Wisconsin Agri-Business Association
2801 International Lane, Suite 105
Madison, WI 53704



Four-State Dairy Nutrition and
Management Conference

Wednesday, June 10, 2020

Now a Virtual Conference.

Please check our website often for
updated information.

www.fourstatedairy.org



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

2020



Wednesday, June 10, 2020

Pre-Conference Symposium
Sponsored by Adisseo



All Systems Go! Amino Acid Balancing to Take Cows Farther

Amino acid Balancing for the Transition Cow: Old and New Stories from a Molecular Perspective
Dr. Johan Osorio, South Dakota State University

Yes, Met and Lys are Important, But There are Several Others That are Also Important in Lactating Cow Diets
Dr. Mark Hanigan, Virginia Tech

Functional Amino Acids: The Concept, Present Reality, and Future Prospects Using Reproduction as an Example
Dr. Milo Wiltbank, University of Wisconsin

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General Session
Improving Herd Health

Taking Steps to Prevent Lameness in Dairy Herds
Dr. Nigel Cook, University of Wisconsin

How Daily and Seasonal Rhythms Impact Cows
Dr. Kevin Harvatine, Penn State University

Nutritional Regulation of Gut Health and Development: Colostrum and Milk
Dr. Mike Steele, University of Guelph

Maximizing Profit from your Bull Calves

Realizing Full Value for Full- and Half-blood Holstein Steers
Dr. Dan Schaefer, University of Wisconsin

The Commercial Science Behind Purebred Holstein Beef
Bill Munns, JBS USA

A Data Driven Approach to Sourcing Profit Focused Beef Bulls for a Holstein Based Dairy
Chip Kemp, American Simmental Assn

Breakout Sessions

Challenges of Barn Design and Performance in Automated Milking Systems
Dr. Nigel Cook, University of Wisconsin

Maximizing Milk Fat Yield
Dr. Kevin Harvatine, Penn State University

Nutritional Regulation of Gut Health and Development: Weaning and Beyond
Dr. Mike Steele, University of Guelph

Body Condition Score During Transition and Reproductive Efficiency: Results from Recent Studies and How to Apply Them
Dr. Milo Wiltbank, University of Wisconsin

Using MUN to Manage Protein Feeding
Dr. Mark Hanigan, Virginia Tech

Rumen-Protected Amino Acids Fed to Dairy Cows During Stressful Periods: Does it work?
Dr. Phil Cardoso, University of Illinois

Clean Feed: Optimizing Health and Nutrition
Dr. Keith Bryan, Chr Hansen

Lessons Learned From the 2019 Growing Season
Dr. Mike Hutjens, University of Illinois
Dr. Steve Woodford, Nutrition Professionals

Don't Underestimate the Cost of Milk Quality
Dr. Derek Nolan, University of Illinois

Optimization of Fertility Using Sexed Semen in Dairy Cattle
Dr. Paul Fricke, University of Wisconsin

Conference Concludes

Recordings available
All sessions with Q&A will all be recorded and available for viewing by attendees until August 15th.

Sponsors

Gold

- | | |
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| Adisseo | Jefo Nutrition, Inc. |
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| Balchem Animal Nutrition & Health | Quality Roasting, Inc. |
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| Diamond V | Westway Feed Products |
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| (SoyPLUS/Soy Chlor) | Origination LLC |
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| Feed Components | PMI |
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| Kent | Rock River Laboratory |
| Lallemand Animal Nutrition | Zinpro Performance Minerals |

Bronze

- Alforex Seeds
Provita Supplements
Quality Liquid Feeds
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This meeting is approved for ARPAS CEU's:

- Preconference program - 3 CEU's
4-State Conference - Improving herd health session - 3 CEU's
Maximizing your profit from bull calves session - 3 CEU's
Breakouts - 1 CEU each