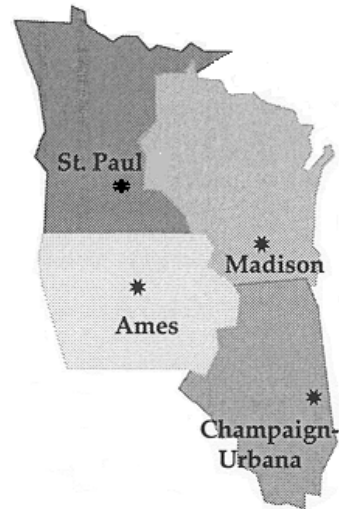


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4-State Dairy Nutrition & Management Conference June 10 & 11, 2009



Sponsored by:

Iowa State University-Extension
University of Illinois-Extension
University of Minnesota-Extension
University of Wisconsin-Extension
and
Platinum Co-Sponsors
Diamond V
Arm & Hammer Animal Nutrition

4-State Dairy Nutrition & Management Conference Program

Wednesday, June 10, 2009

7:30 AM Registration (at Grand River Center)

**Pre-Conference Technical Symposium
sponsored by Diamond V**

8:00 AM - Noon

Diamond V Introductions

Barry Bradford, Kansas State Univ.

Sources of Yeast and Factors Influencing Yeast Viability

Mike Allen, Michigan State Univ.

Hot Feeding Strategies to Maximize Milk Yield

John Fetrow, Univ. of Minnesota

Dealing with Issues of Risk: Is There More to It than the Average?

Bill Sanchez, Diamond V

Questions One Needs to Know about Meta-Analysis

Noon - 1:00 PM

Lunch sponsored by Diamond V

1:00 - 1:30 PM

Visit Conference Exhibitors

**4-State Dairy Nutrition & Management
Conference**

Plenary Session I

1:30 - 2:15 PM

John Fetrow, Univ. of Minnesota

Research Update from the UMN College of Vet Medicine

2:15 - 3:00 PM

Ric Grummer, Univ. of Wisconsin - Madison

What is the Most Critical Feeding Period: Far-off Dry, Pre-fresh Transition, or Post-Fresh Transition?

3:00 - 3:45 PM

Noah Litherland, Univ. of Minnesota

Moderate Energy Diets and Forage Options for Dry Cows

3:45 - 4:15 PM

Break

Breakout Session I

6 Topics 2x: 4:15 – 4:45 & 4:50 – 5:20 PM

Joe Harrison, Washington State Univ.

Managing Nitrogen for Profit and Stewardship

Ric Grummer, Univ. of Wisconsin - Madison

Protected Choline and Niacin for Transition Dairy Cows

Mike Allen, Michigan State Univ.

Physically Effective Fiber: its More than just Chewing

Barry Bradford, Kansas State Univ.

Inflammation and Transition Cow Disorders **Bill Sanchez**, Diamond V

Picking Up the Pieces After a Down Milk Market: Strategies for Deciding What Goes Back in the Ration

Noah Litherland, Univ. of Minnesota

Freshening the First Calf Heifer: Opportunities and Challenges

Dinner and Evening on Your Own

Thursday, June 11, 2009

7:00 - 8:00 AM

**Breakfast and Seminar sponsored by
Arm & Hammer Animal Nutrition**

7:00 - 8:00 AM

Joe Harrison, Washington State Univ.

DCAD Balancing for Lactating Cows

8:00 - 8:30 AM Visit Exhibitors

Plenary Session II

8:30 - 9:15 AM

Nigel Cook, Univ. of Wisconsin - Madison

Welfare-Friendly Housing for Dairy Cattle - The Wisconsin Blueprint

9:15 - 10:00 AM

Joe Harner, Kansas State Univ.

Are Cross-Ventilated Dairy Barns Comfortable?

10:00 - 10:45 AM

Lance Baumgard, Iowa State Univ.

New Concepts on Heat Stress

Wisconsin Agri-Service Association
6000 Gisholt Drive Suite 208
Madison WI 53713-4816

**IMPORTANT REGISTRATION
MATERIALS ENCLOSED!**

Thursday, June 11, 2009

10:45 - 11:05 AM Break

Breakout Session II

6 Topics 2x; 11:05 - 11:35 & 11:45 AM - 12:15 PM

Victor Cabera, Univ. of Wisconsin Extension

Optimizing Income over Feed Supplement Costs

Dick Wallace, Univ. of Illinois

Monitoring the Milking Process: Computer Programs

Are Not Just for Reproduction

Joe Harner, Kansas State Univ.

Sand Bedding and Sand Recovery

Jan Shearer, Iowa State Univ.

Maximizing Comfort for Uncomfortable Cows

Nigel Cook, Univ. of Wisconsin - Madison

Five Steps to Creating the Ideal Transition Cow Barn

Jim Salfer and Jim Paulson, Univ. of Minnesota

Robotics: Future Uses in Calf Feeding and Milking

Adjourn Conference (12:15 PM)

12:30-3:30 PM

Post-Conference Workshops

Four post-conference workshops will be offered as described on the enclosed insert. Limited enrollment will be accepted per workshop. If less than 10 individuals sign up for a single workshop, it will be canceled and refunds of the workshop fee will be made to those registrants.

Participants will be accepted on first-come, first-registered basis. Participant cost is \$50.00 per person, in addition to the conference fee. Box lunch to be provided.

Sign up and payment are required at the time of registration.

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

Room rate \$85 for a standard room,

cut off date **May 9**.

Be sure to mention you are attending the

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 \$85 for a single or double,

cut off date **May 10**.

Be sure to mention **4-State Dairy** to receive

the group rate.

Program Information Contact

Mike Hutjens

University of Illinois

(217) 333-2928

Dale Thoreson

Iowa State University

(319) 267-2707

Jim Salfer

University of Minnesota

(320) 203-6093

Paul Fricke

University of Wisconsin-Madison

(608) 263-4596

Registration Information

Registration Fee: \$125 before May 29
\$150 after May 29 and at the door

Includes registration, conference proceedings, listed meals and breaks.

Please advise us at the time of registration if you need special accommodations. Requests will be kept confidential.

Cancellations/Refunds

To receive a **full refund**, you must contact the Wisconsin Agri-Service Association by **June 3, 2009**. After that date, a \$25 cancellation fee will be charged. If you **fail to cancel, no refund** will be granted.

Online Registration Information

You may register online if you wish at:

www.acteva.com/go/4State

Registration questions, please contact

WASA at 608-223-1111

Additional Co-Sponsors

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SoyPLUS/SoyChlor

Bronze

Agri-Nutrition Consulting, Inc.

CHR. Hansen, Inc.

Lallemand Animal Nutrition

Virtus Nutrition

Registration

4-State Dairy Nutrition & Management Conference

June 10 & 11, 2009

Name as desired on badge (Print clearly or type)

Organization/Business

Mailing Address

City State Zip

Telephone during the day

Early Registration Fee by May 29 \$125

Late Registration Fee \$150

After June 9, please bring your registration to the conference Walk-in Registration Table.

Check box if planning to attend (Additional \$50 fee):

- Transition and Special Needs Cow Barn Design Process**
- Building Rations In Today's Economic Environment**
- New Technologies for On-Farm Troubleshooting**
- Analyzing Dairy Farm Profits Using Dairy TRANS Software**

Make checks payable to WASA or charge as indicated below.

Visa, MasterCard or Discover
Card # _____
Exp. Date _____
Signature _____

**Mail to: Wisconsin Agri-Service Association
6000 Gisholt Drive Suite 208
Madison WI 53713-4816**

or Fax: (608) 223-1147

Post-Conference Workshops

Workshop #1

Dave Kammel— Transition and Special Needs Cow Barn Design Process

This workshop will lead you through a design process for developing a plan for a transition and special needs cow housing barn on a dairy farm. Topics will include developing the management grouping strategy, determining the management group sizes, tools for determining pen capacity needs, pen design options for each management group, and developing the pen arrangement and cow flow for the building layout. Building design layout as it relates to the rest of the farmstead including manure handling, and feed handling will be covered. The transition cow management plan, reducing social stress, and minimizing the affect of potential facility inadequacies on dry matter intake will be discussed. Rotating pen designs for medium herds and “just in time” transition cow barn designs for large herds will be developed and discussed. Participants are encouraged to bring their own case study farm to work with. Talk with a client and get their grouping strategy and reasoning for discussion and debate with the group. **Bring your laptops to use the spreadsheets that will be provided.**

Workshop #2

Mike Hutjens— Building Rations In Today’s Economic Environment

This fast paced program will review basic nutrient concepts (dry matter intake, amino acid balancing, use of MUN in evaluating rations, milk components, PUFA, level of organic trace minerals, and feed additives). Ration guidelines will be debated following a step-wise approach to building a ration including heifer, dry cow, and lactating rations. A test ration will be used in the workshop. **Bring your laptop computer with your ration balancing software program that you will use (no software will be provided).** Each person or team (if desired) will build and explain key nutrient levels and feed costs; a key will be available to compare your results.

Workshop #3

Jeff Reneau — New Technologies for On-Farm Troubleshooting

Learn about the web-based dairy consulting tools MilkLab™, PenPal™ and ParlorPal™. MilkLab™ brings added value to underutilized bulk tank test data, providing with statistical certainty indication of shifts in processes affecting milk quality or components. PenPal™ and ParlorPal™ use smart phones and handheld computers speeding up on-farm data collection, eliminating redundant data entry altogether, as well as removing tedious report generation, while providing professional reporting during a farm visit. Sounds too good to be true doesn’t it? Come and find out for yourself how you can enhance your consulting effectiveness.

Workshop #4

Larry Tranel — Analyzing Dairy Farm Profits Using Dairy TRANS Software

This workshop will concentrate on developing a whole farm financial analysis. It is often observed that producers and/or consultants make serious financial decisions based on one or two components alone, like nutrition economics, without focusing on the whole farm approach. Sound financial analysis is key to operating a profitable dairy enterprise and this computerized tool simplifies the process while challenges producers through graphic benchmarking to improve profits.