

Conference Presenters



Dr. Mike Hutjens is Professor Emeritus at the University of Illinois, Department of Animal Sciences. Raised on a dairy farm near Green Bay, Wis., Dr. Hutjens is a recognized dairy guru who can break down the most complex research and challenging situations into usable information and practical on-farm solutions. His primary disciplines are production and environmental management and nutrition. In addition to writing feed columns for numerous dairy and farm publications, he has co-authored a “Principles of Dairy Science” textbook and is the editor of the National Dairy Database and Illinois Dairy Report.



Dr. Adam Lock is an Associate Professor in the Department of Animal Science at Michigan State University and a noted expert in ruminant nutrition and physiology. His research and extension programs focus on both dairy production and human nutrition and health, and the interface between these two disciplines. He is recognized for his ability to communicate to many sectors—from dairy farmers to dietitians—and was awarded the 2011 American Dairy Science Association Young Scientist Award, which recognizes outstanding research by a young dairy scientist during the first 10 years of their professional career.



Dr. Tom Jenkins is one of four team members that comprise Clemson University’s Center for Nutritional Physiology and Metabolism, a teaching center that focuses on improving the efficiency of forage and nutrient utilization, preventing metabolic disease, enhancing animal growth and altering end-product composition. Dr. Jenkins has published extensively in scientific journals and has given numerous presentations across more than 10 countries on lipid metabolism in dairy cattle and the practical aspects of fat feeding.

Professional Dairy Producers™
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Dairy Feed & Nutrition Conference



Three Dates & Locations:

Nov. 18 – Onalaska, Wis.

Nov. 19 – Oshkosh, Wis.

Nov. 20 – Madison, Wis.



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Dairy Feed & Nutrition Conference

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Choose the Date and Location that Works Best for You

Tuesday, Nov. 18

Stoney Creek Hotel & Conf. Center
3060 S. Kinney Coulee Rd.
Onalaska, Wis.

Wednesday, Nov. 19

LaSures Hall
3125 S. Washburn Street
Oshkosh, Wis.

Thursday, Nov. 20

Crowne Plaza
4402 E. Washington Ave.
Madison, Wis.

9:00 a.m. Registration

9:30 a.m. **Nutritional Regulation of Milk Components** — *Dr. Tom Jenkins and Dr. Adam Lock*

We'll zero in on the importance of milk component yields to milk price, get "the skinny" on fat digestion and metabolism in dairy cows and examine the interaction and interconnections among diet, rumen fermentation and mammary synthesis of milk components. You'll also receive practical information on how to manage the diet to control milk fat content and discover how nutritionists and farm managers can troubleshoot low milk fat situations.

11:15 a.m. **Energy Partitioning and Use of Supplemental Fats** — *Dr. Tom Jenkins and Dr. Adam Lock*

This session will cover two highly important areas to dairy producers: 1) Recent advances regarding energy partitioning in dairy cows and how this may affect body weight and body condition score in mid- and late-lactation cows; and 2) Fat supplementation opportunities and challenges and recent research in this area. A case study of low milk fat on a commercial dairy farm will underscore how to incorporate the various areas discussed during these first two sessions.

12:30 p.m. Lunch

1:30 p.m. **Feeding For Increased Milk Protein** — *Dr. Mike Hutjens*

Building protein levels increases the economic value of marketed milk. This session will help you identify where opportunities may lie in your herd. We'll explore breed protein and fat relationships, amino acid sources for milk protein synthesis, using rumen modeling programs to estimate metabolizable protein and sources of rumen under-graded protein in feed sources. We'll also discuss alternatives to building milk protein and using milk urea nitrogen (MUN) to monitor rumen synthesis.

3:00 p.m. **Strategies for Compromised 2014 Corn and Alfalfa Crops** — *Dr. Mike Hutjens*

While hay production roared back this year, much of the increased tonnage in the Upper Midwest suffers from lower-than-normal energy levels, along with higher ADF and NDF values. Dr. Hutjens will explain how milk production can be maintained while working within the confines of these feed challenges—silage with reduced energy levels and significant quality variations.

3:45 p.m. **Milk and the Consumer** — *Dr. Tom Jenkins and Dr. Adam Lock*

Research is revealing more about milk's effect on human health. This short session will highlight this significant research and explain why this information is important to dairy producers.

4:00 p.m. **Ask the Experts** — *Dr. Mike Hutjens, Dr. Tom Jenkins and Dr. Adam Lock*

4:15 p.m. Conclude

Name _____

Business/Company Name _____

Mailing Address _____

City _____ State _____ ZIP _____

Phone (with area code) _____

Email _____

Circle Date and Location of Conference Attending

Tues., Nov. 18 **Wed., Nov. 19** **Thurs., Nov. 20**
Onalaska, Wis. Oshkosh, Wis. Madison, Wis.

Registration fee covers conference, materials and lunch.

*Member Registration Rate: \$125/person;
\$75/add'l individuals from same dairy*

*Non-Member Registration Rate: \$250/person
\$75/add'l individuals from same dairy*

	Member	Non-Member
First Participant	\$125 each	\$250 each
_____	\$ _____	\$ _____
Add'l Participants	\$75 each	\$75 each
_____	\$ _____	\$ _____
_____	\$ _____	\$ _____
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