



**Extension**  
UNIVERSITY OF WISCONSIN-MADISON



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## Access the latest UW-Madison Division of Extension Dairy Cattle Research during the upcoming Badger Dairy Insight webinar series

Join the University of Wisconsin-Madison – Division of Extension’s Dairy Program on Tuesdays from 1 to 2:30 pm CST for the Badger Dairy Insight webinar series. We are featuring your local Extension Dairy Program Educators and UW Specialists as they present on current dairy topics. Take the opportunity to learn from and discuss with experts on the dates below. To learn more about Badger Dairy Insight and the Extension Dairy program please visit <https://dairy.extension.wisc.edu>

### January 10<sup>th</sup>: Optimizing Use of Sexed Semen in Dairy Herds

Paul Fricke, Dairy Cattle Reproduction Extension Specialist and Ryan Sterry, Regional Dairy Educator, will discuss the latest trends in how farms are using sexed and beef semen in dairy herds in Wisconsin and the upper Midwest. Paul will then present the latest data from UW-Madison on how to maximize fertility when using sexed semen to inseminate nonlactating dairy heifers, primiparous Holstein cows, and lactating Jersey cows.

### January 24<sup>th</sup>: Factors Impacting Fertility from Genomics to Aspirin

Lyssa Seefeldt, Dairy Educator, will talk how a successful transition period sets up a dairy cow for a stress-free lactation and better conception rates. She will highlight a few things producers can think about to create that successful transition. Francisco Peñagaricano, Assistant Professor-Quantitative Genomics, will focus on how the advent of genomics in the last 15 years has revolutionized dairy cattle breeding, enabling more rapid genetic progress. Genomics facilitates the selection of novel traits that are important however too difficult or expensive to measure on the entire population. This could allow the selection of new fertility traits that more closely describe cows’ reproductive physiology and ultimately benefit the improvement of fertility in dairy cows. Rounding out the day, Heather Schlessler, Dairy Educator, will touch on aspirin after calving. Does aspirin, a nonsteroidal anti-inflammatory drug benefit a cow when given during calving? Her presentation will seek to answer this question.

### January 31<sup>st</sup>: Tools for Your Toolkit to Keep Animals Healthy

Neslihan Akdeniz Onuki, Assistant Professor and Extension Specialist, will focus on proper fan selection and maintenance to reduce ventilation costs and ventilation-related greenhouse gas emissions from dairy buildings. She will provide a few examples of supplemental cooling systems, which can save energy while maintaining healthy building conditions for cattle. Victor Cabrera, Dairy Systems Management Specialist, and Tadeu da Silva, Postdoctoral Researcher, will launch **The EZ Dairy Enviro-Money**. This is a highly user-friendly, whole farm, environmental and economic assessment tool for dairy farmers and other stakeholders. They will explain the tool, demonstrate its use, and show how to build scenarios to answer what-if questions.

## February 7<sup>th</sup>: Milk Quality and Production: Opportunities and Threats

Laura Hernandez, Professor Lactation Physiology and Affiliate Professor Obstetrics & Gynecology, recently completed research aimed to determine if increased cisternal milk impacted milk yield given that in traditional milking systems, take offs are set according to the fastest milking quarters. Are the possible negative effects on quarters that are not completely milked out? Don Sockett, Epidemiologist/Microbiologist at the Wisconsin Veterinary Diagnostic Laboratory, participates in research, consultation and education to meet the needs of many. He will give an update on the work being done in the lab and challenges he sees emerging in the dairy industry. One of the topics he will present on is the emerging threat of Prototheca Bovis Mastitis.

## Farm Ready Research

Learn the most up-to-date information on topics including dairy and livestock production, forages, and farm management resources from Extension's Agriculture virtual education offerings. **Your farm-ready research!** There is no charge to participate in the sessions, however pre-registration is required to allow access. Register online at [go.wisc.edu/FarmReadyResearch](https://go.wisc.edu/FarmReadyResearch).