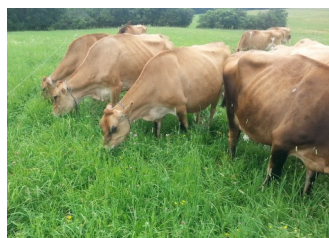


2021 Online Dairy Education Series

Join us for an exciting two week online learning series covering a diversity of dairy-related topics from forage production to bedded packs to alternative milking frequencies. You'll hear from researchers, local farmers, and agricultural professionals sharing the latest research and experiences from the field.



March 9th 1:00-2:30pm: Exploring Alternative Milking Intervals: Research and Experiences

Paul Edwards, DairyNZ; Cameron Clark, VT farmer; Brian Howlett, VT farmer. **CEU PD 1.5 credits.**

March 10th 12:30-2:00pm: Evaluating Sensory Properties of Dairy Products

Roy Desrochers, UVM Extension ***must register by 3/8 for instructions and material list**

March 12th 12:30-2:00pm: Cow Comfort: Can it be Improved in Your Barn?

Dan McFarland, Penn State Extension

March 16th 12:30-2:00pm: Forage Quality: How to Improve, Assess, and Feed More Forage

Sidney Bosworth, UVM Extension; Kurt Cotanch, Barn Swallow Consulting LLC. **CEU CM 1.5 credits.**

March 18th 12:30-2:00pm: Updates on Local and Regional Research Projects

John Barlow, UVM; Andre Brito, UNH; Miriam Snyder, UVM; Kathy Soder and David Jaramillo, USDA-ARS.

March 19th 12:30-2:00pm: Corn Silage Hybrid Testing Update and Management Tips for the Northeast

Joe Lawrence, Cornell PRO-Dairy Program. **CEU CM 1.5 credits.**

Some Certified Crop Adviser CEU credits available.

**FREE
EVENTS**

Pre-registration for these events is **required**. To register, please go online to—

<https://onlinedairyeducationseries.eventbrite.com>

Or contact Susan Brouillette at susan.brouillette@uvm.edu or **802-524-6501 x432**

To request a disability related accommodation to participate in this program, please contact Susan Brouillette at the information above or 1-800-639-2130 by March 1, 2021 so we may assist you.



United States Department of Agriculture
National Institute of Food and Agriculture

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National Institute of Food and Agriculture
U.S. DEPARTMENT OF AGRICULTURE

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www.uvm.edu/nwcrops

NORTHWEST CROPS & SOILS PROGRAM



THE UNIVERSITY OF VERMONT
EXTENSION

CULTIVATING HEALTHY COMMUNITIES

Additional funding provided by USDA RMA under award number RM18RMETS524C022. Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the United States Department of Agriculture. University of Vermont Extension, Burlington, Vermont. University of Vermont Extension, and U.S. Department of Agriculture, cooperating, offer education and employment to everyone without regard to race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or familial status. Any reference to commercial products, trade names, or brand names is for information only, and no endorsement or approval is intended.

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

2021 Online Dairy Education Series

Exploring Alternative Milking Intervals: Research and Experience

Tuesday, March 9, 1:00-2:30pm

Altering milking intervals can help manage labor availability and other challenges on dairy farms. But are these strategies worth it? Researchers in New Zealand, lead by chief scientist Dr. Paul Edwards, are trying to answer that question. Join Paul Edwards and VT farmers Cameron Clark and Brian Howlett for an overview of current research, challenges, and on-farm experiences using alternative milking intervals. **CEU PD 1.5 credits available.**

Paul Edwards is a dairy scientist with DairyNZ who has been conducting research related to altering milking frequencies. Cameron Clark is a grass-fed dairy farmer in Williston, VT who currently milks her herd of 30 cows once per day. Brian Howlett recently retired from dairy farming but experimented with milking his grass-fed herd once per day.



Evaluating Sensory Properties of Dairy Products

Wednesday, March 10, 12:30-2:00pm *Pre-register by Monday, March 8

This is an interactive session and preregistration is required. Participate in a range of interactive aroma and flavor exercises to explore the basics of objective descriptive sensory analysis (taste and smell) with a focus on dairy products. Learn the sensory properties that are most important to consumers and success in the market.

Roy Desrochers is a sensory expert at UVM Extension who has been supporting the food and beverage industry for over 35 years. His experience includes numerous global initiatives including milk, cheese, and yogurt. His focus is on the link between product sensory attributes, consumer acceptance, and sustained success in the market. A list of materials for the webinar will be provided.



Cow Comfort: Can it be Improved in Your Barn?

Friday, March 12, 12:30-2:00pm

This presentation will cover typical cow behavior, cow comfort measurements, as well as, tie stall and freestall housing design and management factors that affect comfort and well-being. Suggestions to improve comfort in existing facilities will also be discussed.

Dan McFarland is an Agricultural Engineering Educator for Penn State Extension with program responsibilities in Southcentral & Southeast Pennsylvania. Program emphasis involves animal shelter and environmental systems design. Dan works closely with producers and agricultural professionals on issues related to new dairy shelter design and improvement of existing facilities. Educational efforts include farmstead design and layout, animal comfort and well-being, ventilation system design and management, resting and feeding area design, heat stress abatement, and watering systems.



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COLLEGE OF AGRICULTURE AND LIFE SCIENCES

2021 Online Dairy Education Series

Forage Quality: How to Improve, Assess, and Feed More Forage

Tuesday, March 16, 12:30-2:00pm

Cool-season perennial forages are the backbone of dairy farms in the Northeast. Make sure you're getting the most out of them from field to bunk! Learn the basics of forage quality including focusing on field and environmental conditions that affect forage quality and ways to manage/mitigate them. **CEU CM 1.5 credits available.**

Dr. Sidney Bosworth is a retired Extension Agronomy Specialist where he served for 30+ years providing research, outreach and education on forage crop management and utilization, forage quality, pasture and grazing management, and pest/weed management.

Kurt Cotanch is an independent Dairy Nutrition consultant working as Barn Swallow Consulting. He has spent many years in the dairy industry focusing on nutrition, forage quality and rumen function. He will share information on 'More Forage, Less Grain'.



Updates on Local and Regional Research Projects

Thursday, March 18, 12:30-2:00pm

Hear the latest results from researchers from UVM, UNH, and USDA-ARS conducting innovative research to answer critical questions in the organic dairy industry. Project areas include bedded pack microbiology, perennial forage production and quality, grazing annual forages, and more!

Dr. John Barlow is an associate professor in UVM's Department of Animal Science where he conducts microbiological research related to dairy cattle health and disease.

Dr. Kathy Soder and Dr. David Jaramillo are animal scientists at USDA-ARS where they conduct research on manipulating pasture systems and grazing behavior to maximize forage and animal productivity.

Miriam Snider is a PhD candidate in UVM's Department of Animal Science where she studies forage digestion kinetics to optimize production in high forage dairy cattle rations.

Dr. Andre Brito is an associate professor in UNH's Department of Agriculture, Nutrition, and Food Systems where he studies maximizing dietary nutrient utilization from forages in dairy cattle.

Corn Silage Hybrid Testing Update and Management Tips for the Northeast

Friday, March 19, 12:30-2:00pm

This presentation will share trial results and provide an update on the collaborative efforts of the Corn Silage Hybrid Evaluation Program in Vermont and New York. Additionally, we will discuss key management tips and emerging research for successful corn silage use in livestock diets.

Joe Lawrence serves as Dairy Forage Systems Specialist with the Cornell PRO-DAIRY team. He has been involved in the northeast dairy industry his entire life, growing up on a farm in Northern NY, working as an Extension Educator, and as a private sector Crop Advisor prior to his current role. His work has a strong focus on a whole farm approach to forage management. **CEU CM 1.5 credits available.**



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