

Precision Dairy Farming From Hooves to Harvest Webinar Series - March 18—April 1, 2024, Mon, Wed & Fri

FREE EVENTS

The UVM Extension Northwest Crops and Soils Program will host a series of presentations that explore the new and upcoming technologies available to dairy producers that work to increase efficiency, reduce costs, improve product quality, minimize adverse environmental impacts, and improve animal health and well-being.



All webinar session times are from **12:00 p.m. to 1:15 p.m. EST**

Mon, March 18: Navigating CowManager's Health and Nutrition Modules with Bryce Warriner, CowManager, and **Accurate Internal Temperature as the Best Early Indicator of Subclinical Health Issues** with Joe Gilbert, smaXtec Inc. **CEU PD 1 credit.**

Wed, March 20: Genetic Selection Strategies for 2030 and Beyond with Kevin Jorgensen, Select Sires. **CEU PD 1 credit.**

Fri, March 22: Virtual Fencing, Unlocking All the Power of Managed Grazing with Monte Bottens, Bottens Family Farm. **CEU CM 1 credit.**

Mon, March 25: SCIO Cup: Analyze Feed to Boost Dairy's Bottom Line with Damian Goldring, Consumer Physics. **CEU PD 1 credit.**

Wed, March 27: Moving and Organizing Data for Variable Rate Applications with Scott Magnan, Scott Magnan's Custom Services, and **Cultivating Tomorrow: Innovations in Planting Technology** with Mike Contessa, Champlain Valley Agronomics. **CEU PAg 1 credit.**

Fri, March 29: A Closer Look at Emerging Sprayer Technologies with Chris Creek, Precision Planting, and **Optimizing Forage Inventories with Drone Imagery** with Adam Durrin, Aurox. **CEU PAg 1 credit.**

Mon, April 1: Precision Weed Management with Muthu Bagavathiannan, Texas A&M University. **CEU IPM 1 credit.**

VAAFM Water Quality educational credits and Certified Crop Adviser CEU credits available.

Pre-registration for this webinar series is **required** in order to receive the webinar link. To register have this flyer to choose the webinar(s) you wish to sign up for and go online to

<https://go.uvm.edu/precisiondairywebinars>

Or contact Susan Brouillette at susan.brouillette@uvm.edu, 802-524-6501 or 802-656-7611.



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NORTHWEST CROPS & SOILS PROGRAM



CULTIVATING HEALTHY COMMUNITIES

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COLLEGE OF AGRICULTURE AND LIFE SCIENCES

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Monday, March 18, 12:00-1:15 p.m.

Navigating CowManager's Health and Nutrition Modules with Bryce Warriner, CowManager, and **Accurate Internal Temperature as the Best Early Indicator of Subclinical Health Issues** with Joe Gilbert, smaXtec Inc. **CEU PD 1 credit**

Bryce Warriner works full time for CowManager B.V. as a sales & tech support specialist. Under that role, he provides solutions for technical problems, insights for on farm issues, and guidance for customers to enable maximum efficiency of their CowManager system. In addition, Bryce breeds cows as a part time relief technician for Premier Select Sires and assists with day-to-day operations at Speedwell Farms with his girlfriend and her father, Kirbie & Brian Nichols.

Joe Gilbert is the Territory Manager with smaXtec Inc. Joe was the youngest of seven children and was raised on a dairy farm. He received his Bachelor's degree in Dairy Science from Cornell University, and then spent eight years as a herd manager on his family's 150 cow dairy. He then spent eighteen years in the dairy equipment and supply business. He is currently an Account Manager at smaXtec for New York and New England.

Wednesday, March 20, 12:00 - 1:15 p.m.

Genetic Selection Strategies for 2030 and Beyond with Kevin Jorgensen of Select Sires.

CEU PD 1 credit

Kevin Jorgensen has served as Senior Holstein Sire Analyst for Select Sires since 2014. His territory consists of Wisconsin, Minnesota, the Western United States and Canada. Showcase Selections and Red and White coordination are also part of his responsibilities. Kevin grew up on a Registered Holstein dairy farm in Wisconsin and attended the University of Wisconsin-Madison and received a BS in Dairy Science. Later he received a MBA from Marian University in Fond du Lac, WI. Since leaving UW Madison, Kevin has been in the AI industry and joined Select Sires in 1998 and spent the first 16 years at East Central/ Select Sires in Waupun, WI working as an SMS and SRS evaluator and later as the Director of Dairy Programs. In addition to his duties at Select Sires, he owns 100 head of Registered Holsteins with Mitch Breunig of Jenny-Lou Holsteins in Sauk City, WI and works in the dairy cattle sale industry, working auctions across the US as a pedigree announcer and ringman. Kevin also served 6 years as a member of the Wisconsin Holstein Association Board of Directors from 2012-2018 and served as President in 2017 and 2018. On behalf of Select Sires, Kevin also serves on the World Dairy Expo board of directors and is a member of the Executive Committee. Kevin resides in Waupun, WI.

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Friday, March 22, 12:00 - 1:15 p.m.

Virtual Fencing, Unlocking all the Power of Managed Grazing with Monte Bottens of Bottens Family Farm.

CEU CM 1 credit

Monte Bottens is a farmer from Cambridge in Northwest Illinois. At Bottens Family Farm, he practices long term no-till, cover crops, and now integrated livestock on 2,800 acres. He grows non-GMO and food grade corn and soybeans along with small grains, specialty crops, hay, and grazing crops. With his wife, Robyn, Monte co-founded Grateful Graze, a direct to consumer beef, chicken, pork and eggs business. Monte is the CEO of Ag Solutions Network, where he's host of the AgEmerge Podcast and a regenerative AgTech investor.

Monday, March 25, 12:00 - 1:15 p.m.

SCIO Cup: Analyze Feed to Boost Dairy's Bottom Line with Damian Goldring, Consumer Physics

CEU PD 1 credit

Damian Goldring serves as the CTO of Consumer Physics. He is in charge of product development and previously was in charge of R&D. Has vast experience in product, projects, R&D, and management, including as Director and Project Manager at Tessera (now Xperi, Nasdaq: XPER). He holds more than 30 patents and has written numerous scientific, peer-reviewed and published papers. Damian has a PhD in Electronic Engineering from Tel Aviv University.

Wednesday, March 27, 12:00 - 1:15 p.m.

Moving and Organizing Data for Variable Rate Applications with Scott Magnan, Scott Magnan's Custom Services, and **Cultivating Tomorrow: Innovations in Planting Technology with** Mike Contessa, Champlain Valley Agronomics. **CEU PAG 1 credit**

Scott Magnan owns Scott Magnan's Custom Service in St. Albans, Vermont. The business offers custom manure spreading, round baling, and more. They are a dealer for AG Leader technology and VTI injectors. Scott also farms 200 acres of his own, primarily in hay, corn and soybeans. Scott has worked to trial and develop many of the conservation practices on Vermont farms through his work with UVM Extension and as a board member and current chair of the Franklin Grand Isle Farmers Watershed Alliance.

Mike Contessa began his career in agriculture during the late 90s working for Agway. There, he gained experience working at the blend plant and in a variety of departments, including retail. He also gained experience as a spray operator. In 1999, he joined Champlain Valley Agronomics and became the company's first employee. In 2004, Mike became a Certified Crop Advisor and a partner with the firm, which has now expanded services to reach growers in Northern New York and Vermont. Mike's areas of responsibility include regulatory compliance, geographic information data management, and precision agricultural systems.

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Friday, March 29, 12:00 - 1:15 p.m.

A Closer Look at Emerging Sprayer Technologies with Chris Creek, Precision Planting, and **Optimizing Forage Inventories with Drone Imagery** with Adam Durrin, Aurox. **CEU PAg 1 credit**

Chris Creek is the Northeast Region Manager for Precision Planting. He has spent much of the last decade educating growers and industry professionals on the importance of the planter pass and the proper way to maintain and prepare planters for the spring season. Recent developments have led him to become a student of the agronomic impacts of other equipment passes, and the benefits and potential pitfalls of applying precision sensing, control, and even AI decision-making technologies to every field operation.

Adam Durrin is the founder of Aurox - a dairy technology platform for measuring and optimizing forage inventories. He grew up in a small farm town in upstate New York, but did not get involved with agriculture until later in his career. His current focus is on leading the Aurox team to innovate digital technologies that help farms make better decisions. Before Aurox, he worked as a digital technology lead for Cargill. Prior to this, he led one of the first drone service programs in the country for engineering and surveying services.

Monday, April 1, 12:00 - 1:15 p.m.

Precision Weed Management with Dr. Muthu Bagavathiannan, Texas A&M University.
CEU IPM 1 credit

Muthu is a Professor in Weed Ecology & Management at Texas A&M University. His expertise is weed science and agronomy. The threat of herbicide resistance is immense in broad-acre systems, leading to loss of effective herbicide options, increased herbicide use and unintended impacts on the broader environment. To this effect, the prime goal of his research program is to understand the evolutionary biology and dynamics of herbicide resistance in weed communities and develop integrated pest management (IPM) solutions encompassing chemical and non-chemical tactics to prevent/effectively manage herbicide resistance.

To request a disability related accommodation to participate in this program, please contact Susan Brouillette at susan.brouillette@uvm.edu or 802-656-7611 or 1-800-639-2130 prior to the webinar date so we may assist you.



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