

# University of California Small Grains - Alfalfa/Forages Virtual Field Day

Sponsored by California Crop Improvement Association (CCIA)  
University of California, Davis (UCD), and UC Agriculture and Natural Resources (ANR)

Wednesday, May 12, 2021, 1 PM – 4:30 PM

[REGISTER HERE](#) (no charge to attend)

Join the meeting on [ZOOM at this link](#). PASSWORD: Alfalfa

CEUs available: PCA (1.5 approved); CCA (1.5-2.5 pending); INMP/CURES (1 approved).

Pre-registration for the meeting is required to receive CEUs. [REGISTER HERE](#)

**1:00 Welcome and opening remarks – John Palmer, Executive Director, CCIA**

## **1:05-2:45 UC small grain breeding, variety evaluations, agronomic research and extension**

- 1:05 Update from the California Wheat Commission – Claudia Carter, Executive Director, California Wheat Commission
- 1:10 UC Wheat Breeding Update – *Jorge Dubcovsky and Oswaldo Chicaiza, UC Davis*
- 1:18 UC Malting Barley & Oat Breeding Update – *Alicia del Blanco, UC Davis*
- 1:24 Breeding Triticales for Bread and Forage – *Josh Hegarty, UC Davis*
- 1:30 Evaluating Small Grain Varieties for Grain Yield, Grain Quality, Stress Stability, Pest Resistance, and Biomass Productivity Potential – *Mark Lundy, UC Davis/UCCE*
- 1:45 Interactive Web Tools for California Small Grain Management: Soil nitrate quick test; California weather; Nitrogen Fertilizer Management Tool; Seeding rate calculator – *Taylor Nelsen and Mark Lundy, UC Davis/UCCE*
- 2:00 Case Study: Using N-rich Reference Zones to Guide N Fertilizer Management for Irrigated Triticale in the San Joaquin Valley – *Nick Clark, UCCE Advisor, Kings/Tulare/Fresno Counties*
- 2:20 Above and Belowground Productivity of Perennial Wheatgrass (Kernza) Compared to Tilled and No-till Annual Wheat – *Kalyn Diederich, UC Davis*
- 2:30 Evaluating Biosolid Fertilizers in Sacramento Valley Small Grain Crops – *Konrad Mathesius, UCCE Advisor Yolo/Sacramento/Solano Counties*

## **2:45 – 4:30 UC Alfalfa & Forage Virtual Field Day**

- 2:45 Weed Control During Stand Establishment – *Sarah Light, UCCE Advisor, Sutter-Yuba/Colusa Counties*
- 2:57 Update on Weed Control Field Studies in the Intermountain Area – *Tom Getts, UCCE Advisor, Shasta/Lassen/Plumas-Sierra Counties*
- 3:09 Importance of Resistance Management in Alfalfa – *Ian Grettenberger, Madi Hendrick, UC Davis*
- 3:21 Use of Drones for Insect Management – *Rachael Long, UCCE Advisor, Yolo/Solano/Sacramento Counties*
- 3:33 Updated on Blue Alfalfa Aphid and Control in California – *Michael Rethwisch, UCCE Advisor, Riverside County*
- 3:45 Choosing Alfalfa Varieties for Insect, Nematode, and Disease Resistance and high yield – *Dan Putnam, UC Davis*
- 3:57 Viable Strategies for Production of Alfalfa in a Drought Year using LESA and MDI on Overhead Sprinklers – *Umair Gull, UC Davis Graduate Student*
- 4:09 Soil Health under Full and Deficit Irrigation Conditions – *Michelle Leinfelder-Miles, UCCE Advisor, San Joaquin and Delta Region*
- 4:21 Sugarcane Aphid Control in Forage Sorghum – *Nick Clark, UCCE Advisor, Kings/Tulare/Fresno Counties*
- 4:33 Adjourn

### **Contacts for More Information**

Registration/Logistics: Email Rachel Palmer, [anrprogramsupport@ucanr.edu](mailto:anrprogramsupport@ucanr.edu) or call (530) 750-1361  
Course Content: [Mark Lundy](#), UCCE Statewide Grain Cropping Systems Specialist, UC Davis or [Daniel Putnam](#), UCCE Statewide Forage Extension Specialist, UC Davis