

University of California Small Grains - Alfalfa/Forages Field Day

Thursday, May 17, 2018, UC Davis Agronomy Field Headquarters
2400 Hutchison Dr., Davis, CA 95616, Davis, CA

8:00-4:30 Includes Lunch

CEUs: 1.5 AM + 3 PM

8:00am – Noon: Small Grains Field Day

7:30 Registration (no charge)

8:00am – Noon: Small Grains Program

- 8:00 Welcome and Introductions—*Mark Lundy, CE Grain Cropping Systems Specialist*
- 8:05 Plant Sciences Future Developments—*Gail Taylor, Chair, UC Davis Department of Plant Sciences*
- 8:10 California Wheat Commission remarks—*Claudia Carter, Executive Director*
- 8:15 California Crop Improvement Association remarks—*John Palmer, Executive Director*
- 8:20 Depart for field (travel to breeding trials)

Field Tour

8:45 – 11:50 Small grain breeding, variety evaluation and agronomic research

- 8:45 New wheat varieties with increased resistant starch—*Jorge Dubcovsky, UC Davis*
- 8:55 New wheat releases “Central Red” and “Desert Gold”—*Jorge Dubcovsky, UC Davis*
- 9:00 Improving barley malting varieties and oats—*Alicia del Blanco, UC Davis*
- 9:10 Organic wheat breeding and naked barleys—*Allison Krill-Brown, UC Davis*
- 9:20 Improving triticale for bread and forage—*Josh Hegarty, UC Davis*
- 9:30 Genetic regulation of wheat grain number—*Sarah Kuzay, UC Davis*
- 9:40 Genetic regulation of grain size and its effects on quality—*Alejandra Alvarez, UC Davis*
- 9:50 Travel to agronomic and variety testing trials
- 10:10 Nitrogen management in malting barley—*Taylor Nelsen, UC Davis*
- 10:20 Herbicide management demonstration trial in wheat—*Mariano Galla, UCCE*
- 10:30 Strategies for reducing mice damage in SDI systems during small grain crop rotations—*Konrad Mathesius, UCCE*
- 10:40 Updates on statewide small grain research and extension efforts, with comments on variety performance, pests and diseases, nitrogen management, and extension tools—*Mark Lundy and Nicholas George, UCCE/UCDavis*
- 11:05 New wheat entries in Regional trials—*Oswaldo Chicaiza, UC Davis*
- 11:15 Comments from breeders with entries in UC Regional trials
- 11:30 Trial observations
- 11:50 Return for lunch

12:00 Barbeque Lunch

Many thanks to California Crop Improvement Association for the complementary lunch!

UC Davis Alfalfa/Forages Field Day Schedule

May 17, 2017

3 CEUs (PM)

12:00 Noon Barbeque Lunch (Sponsored by California Crop Improvement Association)

12:30 Welcome and Introductions—*Dan Putnam, UCCE/UCD Alfalfa Specialist*

12:35 Statewide Nitrogen Management Survey—*Jessica Rudnick, UC Davis*

Field Tour:

12:50 Irrigating to Control Salinity—*Michelle Leinfelder-Miles, UCCE, Stockton, CA*

1:05 Alternative Crops: Kura Clover and Switchgrass Studies – *Dan Putnam, UC Davis*

1:20 Reduced Lignin Alfalfa Interactions with Harvest Scheduling – *Brenda Perez, Graduate Student, UC Davis*

1:35 Seedling Weed Management in Alfalfa – *Mariano Galla, UCCE Advisor, Orland, CA*

1:50 Alfalfa Weevil Studies and IPM Approaches to Weevil Control—*Rachael Long, UCCE*

2:05 Estimating the P and K Requirements of Alfalfa—*Daniel Geisseler, Department of Land Air and Water Resources, UC Davis*

2:20 Breeding Tall Fescue for Quality and Summer Dormancy and Objectives of the UC Davis Alfalfa Breeding Effort—*Charlie Brummer, Professor and Director, UC Davis Plant Breeding Center, UC Davis*

2:35 Small Grain Forage Studies – *Cal Qualset, Professor Emeritus, UC Davis.*

2:50 Fun with Drones: Monitoring Alfalfa for Growth, Pests, and Water Use—*Umair Gull, Graduate Student, UC Davis*

3:05 What is the Interaction between Irrigation Deficits and Varieties? *James Radawich, Graduate Student, UC Davis*

3:20 Weed Identification Contest – Test your Weed IQ! – *Lynn Sosnoskie, UCCE Advisor, Merced County, Merced, CA*

3:40 Choosing Alfalfa Varieties for Maximizing Pest Resistance and Yield—Importance of Multiple Year Trials and Pest Ratings —*Dan Putnam, UC Davis*

4:00 Importance of Owls and Birds for Alfalfa Pest Management—*Sara Kross, California State University, Sacramento, CA*

4:15 An IPM Approach to gopher management in Alfalfa – *Roger Baldwin, UC Vertebrate Pest Specialist, UC Davis*

4:40 Return to Base

Directions: The field Day is located on UC Davis campus Plant Sciences Research Farm, Hutchison Road, Davis, just west of town. Take 113 exit north from I80 or 113 south from Woodland. Turn west on Hutchison Road, Right at the first roundabout, Left at the second roundabout, the Agronomy Headquarters is about ¼ mile in a clump of trees and buildings on your left. Parking and registration is free and so is the barbeque lunch.