

University of California Small Grains - Alfalfa/Forages Field Day

Thursday, May 11, 2017, UC Davis Agronomy Field Headquarters
2400 Hutchison Dr., Davis, CA 95616, Davis, CA

8:15-4:30 Includes Lunch

PCA Credits: Pending

CCA Credits: Pending

8:15am – Noon: Small Grains Field Day

7:45 Registration (no charge)

8:15am – Noon: Small Grains Program

- 8:15 Welcome and Introductions—*Mark Lundy, CE Grain Cropping Systems Specialist*
- 8:20 Overview of wheat breeding—*Jorge Dubcovsky, UC Davis wheat breeder*
- 8:25 California Wheat Commission remarks—*Claudia Carter, Executive Director*
- 8:30 California Crop Improvement Association remarks—*John Palmer, Executive Director*
- 8:35 Depart for field

Field Tour

9:00 – 11:30 Small grain variety evaluations, breeding, and management research

- 9:00 Common Wheat, Durum and Triticale variety evaluations: productivity and disease resistance—*Mark Lundy and Nicholas George, UCCE/UCDavis*
- 9:30 Barley breeding update—*Alicia del Blanco, UC Davis*
- 9:45 Wheat breeding update—*Oswaldo Chicaiza, UC Davis*
- 10:00 Common wheat lines with increased resistant starch, positive and negative effects on agronomic traits—*André Schönhofen, UC Davis*
- 10:15 Triticale breeding for breadmaking quality—*Josh Hegarty, UC Davis*
- 10:30 Root differences favoring flooding and drought tolerance—*Tyson Howell, UC Davis*
- 10:45 Research progress in grain yield components—*Alejandra Alvarez/Junli Zhang, UC Davis*
- 11:00 Barley & Common Collaborative variety evaluations: productivity and disease resistance—*Mark Lundy and Nicholas George, UCCE/UCDavis*
- 11:10 Malting barley market prospects—*Konrad Mathesius, UCCE Sacramento Valley Agronomy Advisor*
- 11:15 Research update: Nitrogen management for productive & high quality malting barley—*Taylor Nelsen, UC Davis*
- 11:25 Seeding rates in grain sorghum—*Michelle Leinfelder-Miles, UCCE Delta Farm Advisor*
- 11:35 Return for lunch

12:00 Barbeque Lunch

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

2017 UC Davis Alfalfa/Forages Field Day

Thursday, May 11, 2017, 12:30-4:30

- 12:35 Welcome and Introductions—Dan Putnam, UC Davis Alfalfa Specialist
- 12:40 Appreciation for the Field Station Staff—Brad Hanson & Ted DeJong, UCCE/UC Davis
- 12:45 Recognition of Larry Godfrey –Dan Putnam, Rachael Long, Pete Goodell
- 12:50 Key Activities for California Alfalfa & Forage Association—Jane Townsend, CAFA, Sacramento, CA

1:00 Field Tour:

Stop 1:

- 1:05 Near-loss of Chlorpyrifos (Lorsban) – The story isn't over yet: pay attention to stewardship in alfalfa IPM! – Pete Goodell, UC IPM Program, Kearney Ag. Center, Parlier, CA
- 1:20 Implementing IPM in Alfalfa Production for insects, weeds and diseases – Rachael Long, UCCE Yolo-Solano-Sacramento Counties, Woodland CA
- 1:35 Estimating the true water needs of alfalfa and using ET to schedule Irrigations – Daniele Zaccaria, Irrigation Specialist, University of California, Davis, CA

Stop 2:

- 1:55 Alfalfa Blogs- Electronic Communications on Pest Management of Interest to you!—Michelle Leinfelder-Miles, UCCE, Delta Region, CA
- 2:05 Switchgrass Plantings for Biofuels—Ai Oikawa, Afingen Co., Emeryville, CA
- 2:20 Low Lignin Alfalfa – A New Technology coming along - Current and Future UC Experiments – Dan Putnam, UC Davis
- 2:35 Breeding and Evaluation of Fall Dormancy in Alfalfa – Charlie Brummer, Professor and Director, UC Davis Plant Breeding Center, UC Davis.
- 2:50 Developing cropping systems to maximize protein from alfalfa for human consumption –Dan Putnam, UC Davis, Davis, CA
- 3:05 Identifying the Bad Guys—Identifying Weeds Common in Sacramento Valley & What strategies makes sense Q&A –Brad Hanson, Weed Specialist, UC Davis.
- 3:20 Poisonous weeds in alfalfa – Nitrates, alkaloids and tannins: What are the key ones that affect animals?—Birgit Puschner, UC Veterinary College, UCD.
- 3:35 Deficit Irrigation of Alfalfa and Interactions with varieties—James Radawich, UC Graduate Student, UC Davis
- 3:50 Choosing Alfalfa Varieties for Maximizing Pest Resistance and Yield—Dan Putnam, UC Davis
- 4:05 Drip Irrigation Studies in Alfalfa—Ali Montazar, Department of Plant Sciences, University of California, Davis
- 4:20 Kura Clover – Introduction of a new crop – the importance of being patient – Dan Putnam, UC Forage Specialist, University of California, Davis, CA
- 4:25 Return to Base