

## UC Davis Small Grains - Alfalfa/Forages Field Day

Wed, May 11, 2016, UC Davis Plant Sciences Research Farm, Davis, CA\*

8:15-4:15 Includes Lunch

PCA Credits: 1.5 hrs

CCA Credits: 5 hrs

### 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, UCCE/UCD Grain Specialist*
- 8:20 Overview of wheat breeding—*Jorge Dubcovsky, UCD wheat breeder*
- 8:25 Update from the California Wheat Commission
- 8:30 Depart for field

#### Field Tour

##### 8:50 – 10:50 Advances and directions in small grain breeding

- 8:50 Promising malting barley varieties —*Alicia del Blanco, UC Davis*
- 9:05 Durum Wheat Varieties: new genes for grain yield—*Alicia del Blanco, UC Davis*
- 9:15 Promising common wheat releases—*Oswaldo Chicaiza, UC Davis*
- 9:30 Evaluation of high resistant starch wheat lines—*Andre Schönhofen, UC Davis*
- 9:45 QTL for increased number of spikelets—*Junli Zhang and Saarah Kuzay, UC Davis*
- 10:00 Discovering genes for drought tolerance—*Tyson Howell, UC Davis*
- 10:15 Combining two stripe rust resistance genes in a single locus—*Nicolas Cobo, UC Davis*
- 10:30 Mutants for stripe rust resistance—*Josh Hegarty, UC Davis*
- 10:45 Travel to forage trial

##### 10:55 – 11:55: Variety testing and agronomic management of small grain crops

- 10:55 Small grain forage variety evaluation—*Cal Qualset & Lynn Gallagher, UC Davis*
- 11:10 Demonstration of in-field N monitoring & quicktests for improved precision of N fertilization—*Jessica Schweiger, UC Davis*
- 11:20 Late-planted heirloom varieties at different seeding rates—*Margaret Lloyd, UCCE*
- 11:30 Statewide Variety Development and Evaluation – Wheat, Triticale, and Barley Yields, Performance and Pest Resistance—*Mark Lundy & Phil Mayo, UC Davis*

### 12:00 NOON – Barbeque Lunch –

Many thanks to California Crop Improvement for the Complementary Lunch!

## **2016 UC Davis Alfalfa/Forages Field Day** **Wednesday, May 11, 12:50-4:15**

- 12:35 Introductions—*Dan Putnam, UCCE/UCD Alfalfa Specialist*
- 12:40 Welcome, Department of Plant Sciences—*Chris Van Kessel, Chair*
- 12:50 Welcome from the Dean—Changes at UC Davis in Agriculture—*Dean Ed Lewis, College of Agriculture and Environmental Sciences, UC Davis.*
- 1:00 Depart for field

### **1:00 Field Tour:**

- 1:05 Insect Management and Disappearing Options for Alfalfa—*Larry Godfrey, UC Davis and Rachael Long, UCCE*
- 1:20 Measuring Evapotranspiration (ET) in the Field – *Ali Montazar, Project Scientist, UC Davis*
- 1:35 Using ET to schedule irrigations – How to—*Daniele Zaccharia, Irrigation Specialist, UC Davis.*
- 1:50 Sorghum Field Studies for Grain and Forage Crops—*Jeff Dalberg, Kearney Ag. Center, Fresno, CA*
- 2:05 Sharpen, a new weed management option for alfalfa—*Dawn Brunmeier, BASF and Mick Canevari, UCCE Emeritus, San Joaquin County*
- 2:25 Kura Clover, an alternative Clover for Pastures—*Dan Putnam, UC Davis*
- 2:35 Subsurface Drip Irrigation Studies on Spacing—What is the optimum spacing for alfalfa? —*Dan Putnam, Daniele Zaccaria, UC Davis*
- 2:50 Soil Moisture Monitoring utilizing Watermark Sensors—*Jacob Moreno, Irrrometer Inc.*
- 3:05 Deficit Irrigation Strategies and interactions with Alfalfa Varieties—*James Radavich, Dan Putnam, Ali Montazar, UC Davis*
- 3:20 Controlling Gophers in Alfalfa Fields—*Roger Baldwin, UC Davis*
- 3:35 Variety Performance Data for Managing Diseases, Insects, and Nematodes, UC Davis—*Dan Putnam, Chris DeBen, Craig Giannini, UC Davis*
- 3:50 Breeding Alfalfa for California—*Scott Newell, Gitanshu Munjal, Charlie Brummer, UC Davis*
- 4:10 Return to Base

**Directions:** The field Day is located on Hutchison Road, Davis, just west of town. Take 113 exit north from I80 or 113 south from Woodland. Turn west on Hutchison Road, take a 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.

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