

# UC Davis Small Grains/Alfalfa Field Day

## *Small Grains Schedule (Morning)*

Wednesday, May 15, 2013, Davis, CA

Barbeque Lunch (Noon) Sponsored by California Crop Improvement

The purpose of this field meeting is to take a look at and discuss research trials and crop production issues in California related to forages and cereal grains. This includes variety trials, pest and disease updates, and weed control.

8:00 Registration (Coffee and donuts)

### **8:15am – Noon: Small Grains Field Day**

- Welcome and Introductions
- Issues for California Wheat, Pest and Disease Resistance Needs – *Janice Cooper, California Wheat Commission*
- New UC wheat varieties, FSP increases, wheat research– *Jorge Dubcovsky, UCD wheat breeder*
- Departure to field tour
- Promising UCD Lines for Future Common Wheat and Durum Wheat Variety Releases – *Oswaldo Chicaiza, and Alicia del Blanco Wheat Breeders*
- Genetic Studies for New Traits –
  - Mapping new stripe rust resistance genes *PhD student Nicolas Cobo*
  - Discovering genes for drought tolerance *Tyson Howell and Eligio Bossolini*
  - Using barley to identify resistance genes to wheat stripe rust *PhD Student Josh Hegarty*
  - Pyramiding mutations to enhance resistant starch *PhD student Brittany Howell*
  - Engineering flowering time *PhD student Rebecca Nitcher*
- Barley and Oats Breeding Programs – *Lynn Gallagher and Alicia del Blanco*
- Collaborators Quality Program –*Phil Mayo*
- Dedication of the new Small Grain Combine
- Statewide Germplasm Development and Evaluation – Wheat & Triticale, Durum, and Barley – *Phil Mayo*, Wheat and Barley Regional Testing Program Coordinator. With participation of breeders from private breeding companies.

### **12:45am – 4:15 pm: Alfalfa/Forage/Biofuel Field Day**

(See Other Page for details)

**Directions:** UC Davis Agronomy Field Headquarters, Hutchison Road, Davis, CA  
Take Hwy 113 near Davis to Hutchison Rd. go west. Right at first rotary, left at second rotary, about 1/3 mile further down on the left.

# UC Davis Small Grains/Alfalfa Field Day

## *Alfalfa/Forage/Biofuel Schedule (Afternoon)*

Wednesday, May 15, 2013, Davis, CA

**Barbeque Lunch (Noon) Sponsored by California Crop Improvement**

### **8:15am - Noon: Small Grains Field Day**

(See Other Page for details)

**Noon - Barbeque Lunch** (*Many thanks to our Sponsor - CCIA*)

### **12:45 p.m. - 4:15 p.m. Alfalfa & Forage Field Day**

- Water Quality Issues with Pesticides in Alfalfa/Grain—Yolo Co Ag Commissioner
- Yield and Pest Management in new crops: Canola, Camelina and Castor grown for Biofuels—Steve Kaffka, Nick George, UC Davis
- Low Lignin Trials in Alfalfa—a new concept—What are the possibilities?—Dan Putnam, UC Davis
- Sorghum and Corn Forage N-Variety trials—Chris DeBen and Dan Putnam, UC Davis
- Testing of new weed control strategies for alfalfa—Mick Canevari, UCCE Advisor Emeritus, San Joaquin County, D. Putnam, UC Davis
- Testing of Photosynthesis Enhancers in Alfalfa – Craig Giannini, Dan Putnam UC Davis
- Alfalfa aphid Outbreak in 2013, and IPM update, Pete Goodell, UC IPM Program
- Alfalfa Weevil Management in Alfalfa—Rachael Long, UCCE, Yolo County
- Subsurface Drip Experiments on Campus—Dan Putnam, UCD
- Management of Water in Alfalfa: My Experiences with Subsurface Drip Irrigation in Alfalfa—Rick Martinez, Grower, Dixon, CA
- Management of Water in Alfalfa: Monitoring ET in the Field—Rick Snyder, LAWR, UCD Davis
- Alfalfa Varieties: Yield and Pest Management Implications—Craig Giannini and Dan Putnam, UC Davis

CE hours (PCA credits) and Certified Crop Advisor (CCA) hours applied for

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