

## Field Day Announcements, 2013

**UC Davis Small Grains/Alfalfa Field Day, Wed., May 15, 8 am - 4:15 pm**  
**4 CE and 6 CCA hours, Barbeque Lunch (Noon)**

**UC Davis Garbanzo Field Day, Thurs., May 16, 10 am - 12 pm**  
**1 CE hour**

Hello All,

We're continuing to make progress on our multi-county partnership (MCP) with merging Yolo, Sacramento, and Solano Counties into one program that will be known as the Capital Corridor unit. This will help streamline and reduce administrative costs and overhead. Yolo County will serve as the central headquarters, with satellite offices in the other counties. Advisor Gene Miyao and I currently work in these counties, so this will not affect our programs. Future Farm Advisor hires will cover the MCP area. There will be a full time 4-H Program Rep in each county as well as a half time Master Gardener Coordinator that will oversee our growing number of volunteers advising and educating the public on gardening and horticulture. Our target date to merge our county offices into one unit is January 2014.

In good news, we will be recruiting for a Fruit and Nut crop Advisor this fall and a Small Farm Advisor focusing on organic production next spring (2014). In the interim, for pomology questions, contact our office to be directed to Advisors in neighboring counties for more information. For corn production, contact Farm Advisor Michelle Leinfelder-Miles, San Joaquin County, 209-953-6120, [mmleinfeldermiles@ucanr.edu](mailto:mmleinfeldermiles@ucanr.edu). For grain production, contact Lee Jackson, Cooperative Extension Specialist, Emeritus, UC Davis, 530-902-8852, or see the UC Small Grain Production Manual publication # 8208 on line at: <http://anrcatalog.ucdavis.edu/CornGrains/8208.aspx>.

We have a couple of upcoming field days on wheat, alfalfa, and garbanzo production at UC Davis (details in this newsletter). Hope to see you there! If you have any questions or need special accommodations, please let us know at 530-666-8143. There is no need to pre-register for these meetings.

Rachael Long,  
UCCE Farm Advisor and County Director, Yolo County  
[rflong@ucanr.edu](mailto:rflong@ucanr.edu), 530-666-8734 or 530-681-7661

### UC Alfalfa and Forage Blog

The UCCE-ANR Alfalfa and Forage Workgroup started a blog, giving weekly updates on alfalfa and forage production both locally and statewide. For more information, see: <http://ucanr.edu/blogs/Alfalfa/>. To subscribe, scroll down to the lower right and under 'My Stuff', click on 'subscribe.'

### New UC Cost of Production Study

Sample costs to produce organic alfalfa hay in California, 2013. University of California Cooperative Extension, by Long RF *et al.* <http://coststudies.ucdavis.edu>. This website also has information on cost studies for many other crops in California

# UC Davis Small Grains/Alfalfa Field Day

## Wednesday, May 15, 2013, Davis, CA

**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.

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.

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

### **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 and Hopper 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, UC Davis*
- Alfalfa Varieties: Yield and Pest Management Implications—*Craig Giannini and Dan Putnam, UC Davis*

**UC Davis Garbanzo Field Meeting**  
**Thursday, May 16, 2013, 10 am – 12 pm**  
**UC Davis Agronomy Farm**

This trial includes plantings of continuing and advanced generations of garbanzo beans, a core collection from the USDA, and a seed treatment trial. We're looking forward to feedback from growers and industry on these trials and on how commercial fields are looking this year.

**Agenda**

9:45 Registration

10:00 Garbanzo variety trials, *Dr. Paul Gepts UC Davis Plant Sciences and Antonia Palkovic, UC Davis Dept. of Plant Sciences*

10:30 Update of garbanzo research trials, *UC Davis Graduate Students Jan Lim and Katherine Grazer, Dep. of Plant Sciences.*

11:00 Update of garbanzo viruses, *Rachael Long, UCCE Farm Advisor, Yolo County*

**Directions:** From Highway 113, go west on Hutchison Drive about 1.5 miles (turning north at the first round-a-bout and west at the second one). Turn south on Hopkins Rd off Hutchison Drive. Turn east just past the Agriculture and Natural Resources building and park along the fence under the olive trees across from Bee Biology.

