

Small Grain and Forage Field Tour, WSREC Spring Field Day Tuesday, April 30, 2013

Join UC Extension specialists, researchers, farm advisors, and industry representatives at the field trial location near Visalia to evaluate cereal forage varieties for yield, disease tolerance and other desirable attributes prior to harvest for silage. Then travel to the UC Westside Research and Extension Center near Five Points to learn about current UC research in small grains and biofuel crops.

Session One: **Tuesday, April 30th, 2013 Small Grain Silage Tour**
Milky Way Dairy – North of Visalia
7:30 AM – 9:30 AM

Large scale replicated study with wheat and triticale grown for silage. Speakers- Lee Jackson, UC, Janice Cooper (California Wheat Commission), Seed Company Reps, Steve Wright, Carol Collar

Complimentary breakfast burritos included!

Session Two: **Westside Research and Extension Station – Five Points, CA**
Corner of Lassen & Oakland
10:00 AM – 1:00 PM

10:00 – 10:30	<i>Biofuel Crop Research- Steve Kaffka</i>
10:30 – 10:45	<i>Wheat Salinity Study- Isabel Alicia del Blanco, Jorge Dubcovsky</i>
10:45 – 11:00	<i>Wheat Nitrogen Study – Brian Marsh</i>
11:00 – 11:15	<i>Wheat / variety/ yield/ nitrogen management – Bob Hutmacher, Steve Wright</i>
11:15– 12:00	<i>Small Grain Variety Trials/ Disease Resistance management/ Small grain weed control- Lee Jackson, Janice Cooper (California Wheat Commission), Steve Wright, Seed company Reps</i>
12:00- 1:00	Lunch provided by Penny Newman Grain Company

Directions to Milky Way Dairy: From Hwy 99 take Hwy 198 east 2 miles; exit Plaza Street North; continue north on Plaza as it turns to Road 80; continue north past the county landfill; turn left immediately after crossing St. Johns River and follow the signs.

UC Davis Small Grains/Alfalfa Field Day

Wednesday, May 15, 2013

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.

Meet at UC Foundation Seed warehouse on Hutchison Road west of Highway 113.

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.*

Noon: BBQ Lunch

Many Thanks to CCIA for their sponsorship!!!

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*

Field Day Program continued on next page...

- 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 leafhopper 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*

Small Grain and Alfalfa News



*Carol Collar
Farm Advisor*