Managing Drought, Irrigation, and Pests
UC Davis Grains - Alfalfa/Forages Field Day
Tuesday, May 12, 2015, UC Davis Plant Sciences Research Farm, Davis, CA*
8:15-4:15 Includes Lunch
PCA Credits: 5 Hours (.5 Laws and Regs, 4.5 Other)
CCA Credits: 5 hours (1.5 soil/water, 2.5 Pest, .5 Crop mgt, .5 Prof. development)

8:15am – Noon: Small Grains Field Day

7:45 Registration (no charge)

8:15am – Noon: Small Grains Program

8: 15 Welcome and Introductions (8:15-8:20)
8:20 New UC wheat varieties, wheat research—Jorge Dubcovsky, UCD wheat breeder
8:30 Issues for California Wheat—Janice Cooper, California Wheat Commission

Field Tour

8: 55 Promising UCD Lines for Future Common Wheat Releases including Pest Resistance—Oswaldo Chicaiza, UC Davis
9:10 Durum Wheat Varieties improvements in Quality—Alicia del Blanco, UC Davis
9:25 Discovering genes for drought tolerance—Tyson Howell
9:35 Evaluation of high resistant starch wheat lines—Brittany Hazard & Andre Schönhofen
9:45 Global analysis for stripe rust resistance and drought tolerance—Junli Zhang
10:45 Using barley to identify resistance genes to wheat stripe rust—Josh Hegarty, UC Davis
10:55 Combining two stripe rust resistance genes in a single locus—Nicolas Cobo, UC Davis
11:05 Advances in the oat breeding program—Alicia del Blanco, UC Davis
11:15 Malting barley varieties for a growing local brewing industry—Alicia del Blanco & Lynn Gallagher, UC Davis
11:35 Vernalization-requiring wheats for the Central Valley—Cal Qualset, UC Davis
11:45 Using wild ancestors and relatives of wheat for improvement—Chad Jorgensen, UC Davis

12:00 NOON – Barbeque Lunch –
Many thanks to California Crop Improvement for the Complementary Lunch!
Irrigation and Pest Management Strategies for Forages During a Drought

12:45-4:15 UC Davis Alfalfa/Forages Field Day

12:30 Welcome – Ed Lewis, Associate Dean, UC Davis College of Agriculture, UC Davis
12:40 Chlorpyrifos Use in Alfalfa and Statewide Trends—Pete Goodell, UC IPM Program, Kearney Ag. Center, Parlier, CA

1:00 Field Tour:

1:05 Irrigation Studies: Measuring Crop Use (ET)—How Much Water does Alfalfa Need for Maximum Yields?—Daniele Zaccaria, UCDavis
1:20 What are the best strategies for Partial Irrigation of Alfalfa During Drought?—Dan Putnam, UC Davis
1:35 Sorghum as an Water-Efficient Option for California – What are the Possibilities? – Bob Hutmacher, UC Davis, and West Side Research and Extension Center, Five Points, CA
1:50 Field Studies on New Weed Management Tools (Sharpen as an Alternative Weed Management Option)—Mick Canevari UCCE Emeritus, Stockton, CA
2:10 Insect Control Strategies in Alfalfa—Larry Godfrey and Rachael Long, UC Davis and UCCE
2:35 Subsurface Drip Irrigation in Alfalfa—What have we learned so far? Weed and Pest Implications?—Dan Putnam, UC Davis
2:55 Strategies for Controlling Rodents in Alfalfa—Roger Baldwin, Vertebrate Pest Specialist, UC Davis
3:10 Our Experiences with Subsurface Drip Irrigation in Alfalfa, controlling weeds and gophers (grower)
3:35 Possibilities of Re-charging Groundwater in Alfalfa and Irrigated Pasture Fields in California—Andrew Brown, Graduate Student, UC Davis.
3:45 Crop Rotations of Alfalfa-wheat rotations and N Credits—Eric Lin, Graduate Student, UC Davis
4:00 Breeding alfalfa & Grasses for Forages—Charlie Brummer, UC Davis Director, Plant Breeding Center
4:15 New Alfalfa Variety Trial: Yield and Pest Management Implications of Varieties—Dan Putnam, UC Davis
4:30 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.