



**COOPERATIVE EXTENSION  
UNIVERSITY OF CALIFORNIA  
IMPERIAL COUNTY**



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HOLTVILLE, CALIFORNIA 92250-9615

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<http://ceimperial.ucanr.edu>

Please join us on the Water conservation, alfalfa, forages, biofuels and other agronomic crops field day to be held from **7:30AM – Noon on April 17, 2014**

Organized by  
**University of California Cooperative Extension  
Imperial County**



**Location:**

UC Desert Research & Extension (DREC)  
1004 E Holton Road  
El Centro, CA 92243



Registration starts at 7:30 AM

For further information, call  
(760)352-9474 or  
e-mail: Oli Bachie  
([obachie@ucanr.edu](mailto:obachie@ucanr.edu)) or Khaled Bali  
([kmbali@ucanr.edu](mailto:kmbali@ucanr.edu))



**Complimentary lunch will be served at noon; RSVP to [tbmceece@ucanr.edu](mailto:tbmceece@ucanr.edu)**

**Please feel free to contact us if you need special accommodations**

*Note: Speakers will be UC scientists and other invited guests, including Dan Putnam, David Grantz, Khaled Bali, Steve Kaffka, Eric Natwick, Oswaldo Chicaiza, Sam Wang, Vonny Barlow, Brent Boutwell, Oli Bachie, Jeffery Dahlberg, Dean Currie, Tom Gill, Dale Lentz, Alan Jackson, Frank Stempski, & Rick Cesena*

**Water conservation, alfalfa, forages, biofuels and  
other agronomic crops field day**  
Thursday, April 17, 2014 @ DREC

**Agenda**

7:30 AM: Registration  
8:00 AM: Begin Field Day

**Stop I: Sugar Beet, Oil Crops and IR-4**

8:10: Irrigation & Fertilizer interactions, **Steve Kaffka (UCD)**  
8:25: Oil crops, **Steve Kaffka (UCD)/Nicholas George (UCD)**  
8:35: IR-4 what it is & activities – **Brent Boutwell (UCCE, imperial)**

**Stop II: Alfalfa and Irrigation practices**

8:45: Alfalfa subsurface drip projects, **Khaled Bali (UCCE, imperial), Dan Putnam (UCD), Oli Bachie (UCCE, Imperial)**  
8:55: Crop rotation work with alfalfa, **Dan Putnam & Sam Wang (UC DREC)**  
9:05: Deficit Irrigation possibilities, **Dan Putnam & Khaled Bali**  
9:15 Current research & extension efforts in agricultural water management, **Daniele Zaccaria (UCD)**

**Stop III: Alfalfa varieties, sweet corn**

9:25: Alfalfa varieties and water issue, **Dan Putnam**  
9:35: sweet corn and pickling cucumber trials in the low desert, **Sam Wang**

**Stop IV: Wheat, sorghum, biofuels, cotton, water & irrigation, & nematodes**

9:45: Durum wheat - **Oswaldo Chicaiza (UCD)**  
9:55: Sorghum Forages for California, **Jeff Dahlberg (UC KARE)**  
10:05: Environmental costs of purpose-grown Sorghum and Energy Cane as potential lignocellulosic feedstocks, **David Grantz (UC KARE)**  
10:15: Simulated cotton crop damage trials, **Oli Bachie**  
10:25: Automation of Surface Irrigation Systems, **Khaled Bali, Tom Gill (US Bureau of Reclamation), Dale Lentz (US Bureau of Reclamation ) & Jim Conley**  
10:35: Commercial automation gate, **Allen Jackson (Rubicon Water) & Khaled Bali**  
10:45: Irrigation water, **Dean Currie**  
10:55: Demonstration of AquaMon–RSVP radio communication and web reporting systems from the SIMAS flood irrigation sensors, **Frank Stempski (Cermetek Microelectronics)**  
11:05: Demonstration of cultivator & Planter for minimum tillage practices – **Rick Cesena (tillage company, Ceseña Dist., Co)**  
11:15: cyst nematodes of Sugar beet, **Oli Bachie**

**Stop V: Olives, alfalfa insect pests**

11:25: Olive production and water use in Imperial Valley, **Khaled Bali**  
11:35: Blue alfalfa Aphids and control, **Eric Natwick (UCCE, Imperial)**  
11:45: Insects of Palo Verde, **Vonny Barlow (UCCE, Riverside)**

**12:00: Lunch**

*CEU CREDITS ISSUED: (This will be updated as the approvals come in)*

**CCA**

**Approved CEUs:**

Nutrient Management: 0

Soil & Water Management: 1.5

Integrated Pest Management: 0.5

Crop Management: 1

Professional Development: 0.5

Manure Management: 0

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**Location:** Desert Research & Extension Center

**City, State:** El Centro, CA

**Tracking Number(s):** CA 50717

**Date:** 04/17/2014 08:00am to 12:00pm