



UNIVERSITY OF CALIFORNIA  
COOPERATIVE EXTENSION  
IMPERIAL COUNTY  
1050 E. HOLTON ROAD  
HOLTVILLE, CALIFORNIA 92250-9615



Telephone: (760) 352-9474 FAX Number: (760) 352-0846  
<http://ceimperial.ucanr.edu>

## Agronomic Crops and Water Conservation Field Day

**When:** Thursday April 16, 2015 (7:00 AM to 12 PM)  
**Where:** University of California Desert Research & Extension Center  
1004 E. Holton Rd., Holtville, CA 92250.

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

**Agenda:** Talks are scheduled for 10 minutes

- Stop 1 (Area 20) - Oil Crops for the Low Desert and Current IR-4 Assessments**  
- Oil Crops for the low desert – Steve Kaffka, UC Cooperative Extension, UC Davis  
- Current IR-4 project field assessments – Brent Boutwell, UC Cooperative Extension, Imperial
- Stop 2 (Area 80) - Water Conservation and Alfalfa Production under Subsurface Drip Irrigation**  
- Update on Drought in California – Khaled Bali, UC Cooperative Extension, Imperial County  
- Alfalfa Production under Subsurface Drip Irrigation (SDI) - Dan Putnam, UC Cooperative Extension, UC Davis  
- Design and Management of SDI Systems for Alfalfa - Bryan Foley, Toro Micro-Irrigation  
- Grower’s Experience with SDI on alfalfa - John Summers, ACX International Ag Management, To be confirmed  
- Alfalfa Crop Coefficients (Kcs) and methods to estimate Kcs for alfalfa - Cayle Little, California Department of Water Resources  
- Irrigation Scheduling, what you need to know - Khaled Bali, UC Cooperative Extension Imperial County  
- Alfalfa and Field Crops Soil Aeration Equipment - Geno Souza, Gearmore, Inc. - Aerway
- Stop 3 (Area 90 East) - Variety Trials and Deficit Irrigation**  
- Alfalfa Variety Studies and Water Use - Dan Putnam, UC Cooperative Extension, UC Davis  
- Deficit Irrigation Trials in California - Dan Putnam and Khaled Bali, UC Cooperative Extension  
- The BountiGel, effectiveness as tested on Bell pepper – Jose Aguiar, UC Cooperative Extension, Riverside County & Bardia Dehghan Manshadi, mOasis
- Stop 4 (Area 90 West) - Sugarbeets and Fertigation Trials**  
- Sugarbeets Nitrogen and Irrigation Management under Flood and SDI Irrigation - Steve Kaffka, UC Cooperative Extension, UC Davis

*Agenda continued on next page...*

### Sponsors:

UCCE – Imperial County

California Department of Water Resources



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### **Stop 5a (Area 70) – Potential New Crop and Biofuels**

- The Giant King Grass for the Valley – Oli Bachie, UC Cooperative Extension, Imperial County
- Sorghum forages for California – Oli Bachie & Dan Putnam, UC Cooperative Extension
- How to assess the costs and benefits of biofuel feedstocks in the low desert - David Grantz, Kearney Agricultural Center

### **Stop 5b (Area 70) – Automated Surface Irrigation**

- Update on Automated Irrigation - Tom Gill, USBR
- Remote Monitoring of Pumps and Irrigation Systems - Philip Reh, Observant Inc.
- Advance in Advance Sensors for Automation - Alan Jackson, Rubicon Water
- Flow Rate Measurements - Diego Davis, SonTek/YSI, San Diego & Ron Nauman, HydroScientific West,

Poway

### **Stop 5c (Area 70) – Sugarbeet Nematode**

- Coded variety trial and new products for cyst nematode management - Becky Westerdahl, UC Davis

### **Stop 6 (Area 26) - Agronomic Crop Insect Pests**

- Blue alfalfa aphids and control – Eric Natwick, UC Cooperative Extension, Imperial County
- Insect pests of alfalfa in Palo Verde Valley – Vonny Barlow, UC Cooperative Extension, Riverside County

**Lunch will be served at noon (Sponsored by mOasis).** For additional information on the field day, please contact Khaled Bali, [kmbali@ucanr.edu](mailto:kmbali@ucanr.edu) or Oli Bachie, [obachie@ucanr.edu](mailto:obachie@ucanr.edu)

*APPROVED CEU's: Certified Crop Adviser (CA 53247 – 4hrs.), CA CEU (M-0663-15 – 1hr.) & AZ CEU (EXC-318-15A – 1hr.)*

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

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