



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



It is the policy of the University of California (UC) and the UC Division of Agriculture & Natural Resources not to engage in discrimination against or harassment of any person in any of its programs or activities (Complete nondiscrimination policy statement can be found at <http://ucanr.edu/sites/anstaff/files/169224.pdf>)  
Inquiries regarding ANR's nondiscrimination policies may be directed to Linda Marie Manton, Affirmative Action Contact, University of California, Davis, Agriculture and Natural Resources, One Shields Avenue, Davis, CA 95616, (530) 752-0495.



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  
8:00 AM: Begin Field Day

**Agenda:** *continued*

### **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.*

### **Sponsors:**

UCCE – Imperial County



California Department of Water Resources



