Agronomic Crops and Water Conservation Field Day

When: Wednesday, April 13, 2016 (7:00 AM to 12:30 PM)
Where: University of California Desert Research & Extension Center
1004 E. Holton Rd., Holtville, CA 92250

7:00 AM: Registration
7:30 AM: Welcome to UC Desert Research & Extension Center – Jairo Diaz, Director

Agenda: Talks are scheduled for 10 minutes

Stop 1 (Area 60) – Crop Nutrition
- Tools for assessing in-season N needs in wheat – Mark Lundy, UC Davis
- Information resources for sustainable nutrient management - Sonja Brodt, UC Sustainable Agriculture Research and Education Program, UC Davis

Stop 1b (Area 92) – Potential Alternative Crop
- Rhodes grass adaptability test – Oli Bachie, UC Cooperative Extension, Imperial, Riverside, & San Diego Counties

Stop 2 (Area 80) - Water Conservation and Crop Production
- Alfalfa production progress under subsurface drip irrigation (SDI) - Dan Putnam, UC Cooperative Extension, UC Davis
- California drought update – Daniele Zaccaria, UC Davis
- UC Coordinated efforts to address the drought - Faith Kearns, California Institute for Water Resources, University of California, Oakland
- Climate change and its impact on crop production - Tapan Pathak, UC Merced - Sierra Nevada Research Institute, Merced
- Salinity management under subsurface drip irrigation (SDI) – Khaled Bali, UC Cooperative Extension, Imperial County
- Economics of producing alfalfa under subsurface drip irrigation – Ali Montazar, UC Davis
- Drip irrigation maintenance issues (FAQ’s - Use of Chlorine, Acid & Triflurine for root intrusion) - Bryan Foley, Toro Micro-Irrigation
- System Components and Typical Layouts of Subsurface Drip Irrigation systems - Patrick Fernandes, NETAFIM

Stop 3 (Area 90 East) - Variety Trials and Deficit Irrigation
- Alfalfa variety trial, water use and deficit irrigation - Dan Putnam, UC Cooperative Extension, UC Davis
- Alfalfa evapotranspiration and crop coefficients under flood and subsurface drip irrigation (SDI) – Richard Snyder, UC Davis and Ali Montazar, UC Davis
- Deficit irrigation practices on alfalfa – Steve Orloff, UC Cooperative Extension Siskiyou County
- Alfalfa insect pest management – Eric Natwick, UC Cooperative Extension, Imperial County
- Pest management of the southwest desert grown alfalfa - Ayman Mostafa, University of Arizona, Cooperative Extension

Agenda continued on next page…

Sponsors:

UCCE – Imperial County
California Department of Water Resources
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7:30 AM: Welcoming remarks & Commencement of Field Day

Agenda: continued

Stop 4 (Area 90 North) – Other Forage Crops
- Kura clover for forage and seed production – Dan Putnam, UC Cooperative Extension, UC Davis and Oli Bachie, UC Cooperative Extension, Imperial, Riverside & San Diego Counties

Stop 5 (Area 90 West) – Agronomic Grain Crops
- Evaluation of stress resistance in wild and cultivated sunflowers - Khaled Bali, UC Cooperative Extension, Imperial County
- Insect pest of low desert sunflower - Eric Natwick, UC Cooperative Extension, Imperial County
- Renewed interest in sorghum in California - Jeff Dahlberg, UC Kearney Agricultural Research & Extension Center

Stop 6 (Area 70) – Irrigation, Nematodes & Drones
- Update on automated irrigation systems - Alan Jackson, Rubicon Water & Khaled Bali, UC Cooperative Extension, Imperial County
- Precision farm water management – Philip Reh, Observant Inc.
- The cyst nematode and coded variety and nematicide trials - Oli Bachie, UC Cooperative Extension, Imperial, Riverside, & San Diego Counties
- How to assess the cost and benefits of pest control or other agricultural inputs - Eta Takele, UC Cooperative Extension, Riverside County
- Drones (demo) to spot agricultural crop troubles - Frank Taylor, Community Safety Consulting Group

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

To pre-register for field day please send an email in advance to aiestrada@ucanr.edu with full name of attendee(s).

Pending CEU Approval from: Certified Crop Adviser, CA DPR & AZ Dept. of Ag

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

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