



UNIVERSITY OF CALIFORNIA
 COOPERATIVE EXTENSION
 IMPERIAL COUNTY
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Agronomic Crops and Irrigation Water Management Field Day

When: Wednesday April 18, 2018 (6:30 AM to 12:15 PM)
Where: University of California Desert Research and Extension Center
 1004 E. Holton Rd., Holtville, CA 92250

Registration: 6:30 AM to 7:00 AM

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

Agenda

Field demonstration (7:00 AM - 8:40 AM) *each field demonstration is limited to 7 mins*

Stop	Field Demonstration Title
Stop 1, Area 60	Wheat varieties for the low desert- <i>Oli Bachie, UCCE Agronomy Advisor, Imperial County; and Mark Lundy, UCD Agronomy Specialist</i>
Stop 2, Area 80	Update on sunflower research in Imperial Valley- <i>Khaled Bali, Statewide UCCE Irrigation Water Management Specialist; Ali Montazar, UCCE Irrigation and Water Management Advisor; and Oli Bachie, UCCE Agronomy Advisor</i>
	Evaluation of residual herbicides for weed control in low desert alfalfa- <i>Pratap Devkota, UCCE Weed Science Advisor</i>
Stop 3, Area 90	Alfalfa variety performance for the low desert- <i>Dan Putnam, UCD Statewide Alfalfa and Forage Extension Specialist</i>
	Alfalfa improvement for future California Environments and pest management- <i>Charles Brummer, Director of the Plant Breeding Center, UCD</i>
Stop 4, Area 90	Water and Nitrogen Effects on Onion Yield and Quality Under Drip and Furrow Irrigation- <i>Jairo Diaz, Director of Desert Research and Extension Center</i>
	Evaluation of weather-based models for management of onion downy mildew- <i>Alexander Putman, Assistant Cooperative Extension Specialist, Department of Microbiology and Plant Pathology, UCR</i>
Stop 5, Area 70	Automation of flood irrigation- <i>Khaled Bali, Statewide UCCE Irrigation Water Management Specialist; Peter Moller, Rubicon water; and Ronnie Leimgruber, Leimgruber Farms</i>
	Lidar and Drone Technology: Agricultural and Surveying applications- <i>Mark Roberson, Benton Line, and Samuel Zamora, Environmental Consultant Group</i>
	Coded varieties and nematicides for cyst nematode management- <i>Oli Bachie UCCE Agronomy Advisor, Imperial County; and Becky Westerdahl, UCD Professor/Extension Specialist</i>

Indoor Workshop (8:55 AM - 12:15 PM) *each presentation is limited to 15 mins*

Time	Presentation Title
8:55 – 9:10	Crop water-use studies for the low desert cropping system - <i>Ali Montazar, UCCE Irrigation and Water Management Advisor</i>
9:10 – 9:25	Impacts of climate change and potential adaptations for California Agriculture - <i>Tapan Pathak, Specialist in Climate Adaptation in Ag, UC Merced</i>
9:25 - 9:40	Resource-efficient irrigation of alfalfa- <i>Daniele Zaccaria, Agricultural Water Management Specialist in Cooperative Extension, UCD</i>
9:40 – 9:55	Water and Nitrogen Effects on Onion Yield and Quality Under Drip and Furrow Irrigation- <i>Jairo Diaz, Director of Desert Research and Extension Center</i>
9:55 – 10:10	Low- lignin trait in alfalfa: what is the potential? - <i>Dan Putnam, UCD Statewide Alfalfa and Forage Extension Specialist</i>
10:10 – 10:25	Causes of sugarbeet seedling mortality and emergence failure in the Imperial Valley- <i>Steve Kaffka, UCD Extension Agronomist and Director of California Biomass Collaborative</i>
Break (10:25 – 10:40)	
10:40 – 10:55	Problematic weeds of the low desert region and their Identification- <i>Pratap Devkota, UCCE Weed Science Advisor</i>
10:55 – 11:10	Management of downy mildew of vegetables in the Imperial Valley- <i>Alexander Putman, Assistant Cooperative Extension Specialist, Department of Microbiology and Plant Pathology, UCR</i>
11:10 – 11:25	Alfalfa and sorghum pest management for 2018? - <i>Ayman Mostafa & Kyle Harrington, Associate Agriculture Area Agent, Program Coordinator Field Crop IPM, The University of Arizona Maricopa County Cooperative Extension</i>
11:25 – 11:40	Insecticide resistance in agronomic crop pests: What have we learned in 2018? - <i>Michael Rethwisch, UCCE Crop Production and Entomology Farm Advisor</i>
11:40 – 11:55	Alfalfa selfing and pollinator management- <i>Oli Bachie, UCCE Agronomy Advisor</i>
Industry update (20 mins)	
11:55 – 12:15	<i>Flow Control Drip Tape- Inge Bisconer, Technical Marketing and Sales Manager, and Fred Ahnert, District Sales Manager, The Toro Company, Ag Business</i>
	<i>AquiMax: A Tool for Soil Moisture Management- Bardia Dehghan Manshadi, RDI Agronomist, Exacto, Inc AquiMax Soil Moisture Management Technology</i>
	<i>On-Farm Water Balancing to Maximize Conservation- Harry Ferdon, Regional Sales Manager (Southern & Central California), SWIIM System</i>

Lunch Sponsor: The Toro Company

For additional information on the field day, please contact organizers Ali Montazar, amontazar@ucanr.edu, Oli Bachie, obachie@ucanr.edu, or Pratap Devkota, pdevkota@ucanr.edu; or call us at (442) 265-7700

Approved Continuing Education Units: CA DPR - 2.5 hrs. (#M-0631-18), AZ Dept. of AG - 1.5 hrs. (#18360) & CCA - 4.5 hrs. (CA 55866)

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

Presented by:
University of California Cooperative Extension
Imperial County



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