



CCA CEU's applied for: Nutrient Management: 4 Soil and Water Management: 4
Crop Management: 0.5 Professional Development: 0.5

Grower CEU's applied for: CDFA INMP: 2 (Day one); 4.5 (Day two), 3 (Day three)

October 28 - Day One (Optional)

1:00 – 3:00 pm Tour of Mid Valley Disposal's composting facility – Kerman
Demonstration of THOR food waste de-packer; green waste sort line, grinding/feedstock blending, Sustainable Generation composting bunker system and compost screening operations

October 29 - Day Two

Facilitator: Karl Wyant, *Director of Agronomy, Nutrien*

9:00 – 9:30 Welcome
Renee Pinel, President/CEO Western Plant Health
Karen Ross, Secretary, California Department of Food and Agriculture

9:30 – 10:00 The Importance of Dissolved Organic Nitrogen Leaching: Management's Primacy and Soil Type's Modulation
Hannah Waterhouse, Assistant Professor, UC Santa Cruz

10:00 – 10:30 Soil NOx Emissions in California
Martin Burger, Project Scientist, UC Davis and Senior Environmental Scientist, CDFA (retired)

10:30 – 10:50 Break

10:50 – 11:20 Assessing Optimal Water and Nitrogen Management Practices in Drip-Irrigated Desert Lettuce using Field Trials and the CropManage Decision Support Tool
Ali Montazar, Irrigation and Water Management Advisor, UCCE

11:20 – 11:50 Fertilizer and Irrigation Management Considerations for Low Desert Sudan Grass Production
Oli Bachie, Agronomy and Weed Management Adviser, UCCE

11:50 – 12:20 Tree-Level Yield Mapping for Nut Trees Harvested with Shake-Catch Harvesters
Stavros Vougioukas, Professor, UC Davis

12:20 – 1:30 Lunch (provided)

- 1:30 – 2:40 Panel: Benefits and Economics of Improved Management Systems
Moderator: Franklin Gaudi, VP of Business Development and Engineered Solutions; Ag Laurel and Water
Panelists: Sam Ford, Ford Ranches
Joel Leonard, Sun Pacific
Guillermo Valenzuela, WiseConn
Roy Levinson, Netafim
- 2:40 – 3:00 Break
- 3:00 – 3:30 Continuous Fertigation
Chris Malek, Senior Agronomist, Deerpoint Group Inc.
- 3:30 – 4:00 Evaluating NutriCharge® and Phosphorus Rates for Alfalfa Production in High pH Soils of Scott Valley, Siskiyou County
Jagdeep Singh, Agronomy Advisor, UCCE
- 4:00 – 6:00 Networking Reception

October 30 - Day Three

- Facilitator: *Chuck Moran, Senior Agronomist, Buttonwillow Warehouse Co.*
- 8:00 – 8:30 Evaluating Farm Scale Nitrogen Management Needs
Deanne Meyer, Extension Specialist, UC Davis
- 8:30 – 9:00 Optimizing Nitrogen Fertilizer Concentrations in Vegetable Transplant Production
Bruno Pitton, Environmental Horticulture Advisor, UCCE
- 9:00 – 9:30 The Role of Irrigation Management for Improving Nitrogen Use Efficiency for Broccoli Grown with Nitrate-Contaminated Irrigation Water
Charlotte Decock, Associate Professor, California Polytechnic State University, San Luis Obispo
- 9:30 – 10:00 Nutrient Management and Irrigation Efficiency Outreach and Education for Latino and Southeast Asian Farmers
Harol Gonzalez Gallardo, Agricultural Specialist, and Anel Trujillo, Outreach Specialist, American Farmland Trust
- 10:00 – 10:20 Break
- 10:20 – 11:30 Panel: Effective Outreach for Agricultural Professionals
Moderator: Sat Darshan Khalsa, Associate Project Scientist, UC Davis
Panelists: Mae Culumber, Nut Crops Farm Advisor, UCCE Fresno
Kevin Greer, Project Manager, Tehama County Resource Conservation District
Jeff Mitchell, Cropping Systems Specialist, UC Davis
Eryn Wingate, Agronomist, Tri-Tech Ag Products Inc.
- 11:30 – 12:00 Potassium Opportunities in Specialty Crops
Karl Wyant, Director of Agronomy, Nutrien
- 12:00 Closing Remarks