



Conference Program

Monday, October 28

Central Valley Nutrient and Irrigation Management Farm Tour

This farm tour will leave at 1:00 PM from DoubleTree by Hilton in Fresno and return by 4:00 PM. The two field stops are a diversified Southeast Asian vegetable farm and one of Fowler Packing's table grape vineyards.

Tuesday, October 29

Facilitator: Keith Backman, Consultant Manager, Dellavalle Laboratory, Inc.

9:00 Welcome

Renee Pinel, President/CEO, Western Plant Health Association

Karen Ross, Secretary, California Department of Food & Agriculture

9:30 Overview of CropManage: Inputs, Outputs, and Users

Dr. Michael Cahn, Irrigation and Water Resources Advisor, University of California Cooperative Extension, Monterey County

10:00 Citrus: Nitrogen Management Practices and Recommendations

Dr. Douglas Amaral, Postdoc Scientist, Department of Plant Sciences, University of California, Davis

10:30 Break (20 minutes)

10:50 Effects of Biochar Amendment on Soil Nitrogen Dynamics

Dr. Suduan Gao, Research Scientist, United States Department of Agriculture - Agricultural Research Service

11:20 Organic Production and Soil Health

Scott Park, Owner/Operator, Park Farming

11:50 Lunch: Nitrogen Management Plans: Where Is This All Leading?

Parry Klassen, Executive Director, Coalition for Urban Rural Environmental Stewardship

1:10 Panel: Nitrogen Budgeting with Organic Amendments

Facilitator: Dr. Karen Lowell, Agronomist, Natural Resources Conservation Service.
Panelists: TBA

2:25 Break (20 minutes)

2:45 Nitrogen and Irrigation Management Planning Workshop

Annuals

Do-It-Yourself Tensiometer - Dr. Michael Cahn

Soil Nitrate Quick Test - Dr. Mark Lundy or Nicholas Clark

Nitrogen Budget Exercise - Dr. Daniel Geisseler

Perennials

Irrigation Scheduling -Pressure Chamber -Dr. Ken Schakel

Soil Amendments - Dr. Sat Darshan S. Khalsa

Nutrient Management Considerations- Dr. Sebastian Saa

CropManage Demonstration - Dr. Michael Cahn

4:15 Poster Session

6:30 End of day

Wednesday, October 30

Facilitator: Dr. Steve Petrie, Director of Agronomic Services, Yara North America

8:15 Welcome and Recap

8:30 Potassium Fertilizer Management

Dr. Saiful Muhammad, Research Agronomist, QualiTech

9:00 Irrigation Maintenance and Distribution Uniformity

Trina Walley, District Manager, East Stanislaus Resource Conservation District

9:30 Soil Texture Effects on Management Techniques

Dr. Toby O'Geen, Soil Resource Specialist in Cooperative Extension, UC Davis
Department of Land, Air and Water Resources

10:00 Break (20 minutes)

10:20 Deficit Irrigation and Nutrient Management in High Density Olive Orchards

Dr. Richard Rosecrance, Professor, California State University, Chico

10:50 Best Practices for Fertigation Design and Equipment

Dr. Franklin Gaudi, Project Manager, Cal Poly Irrigation Training and Research Center

11:20 Salinity Effects and Management

Mark Battany, Water Management and Biometeorology Advisor, University of California Cooperative Extension, San Luis Obispo/Santa Barbara Counties

11:50 Closing Remarks

12:00 End of day

