



Conference Program

Tuesday, November 17, 2009

- 9:00-9:15 **Welcome**
A.G. Kawamura, Secretary, CDFA
Renee Pinel, President/CEO, WPHA
- Facilitator**
Jerome Pier, Crop Production Services

NITROGEN MANAGEMENT

- 9:15-9:45 *Nitrogen History, Efficiencies, and Where We Are Today!*
Rob Mikkelsen, International Plant Nutrition Institute
- 9:45-10:15 *Determining Nitrogen Requirements for Drip-irrigated Vegetable Crops*
Timothy K. Hartz, UC Davis
- 10:15-10:45 *Model System for Testing Foliar Fertilizers*
Patrick Brown, UC Davis
- 10:45-11:00 **Break**
- 11:00-11:30 *Matching Fertilizer Applications to Seasonal Growth Patterns in Avocado*
Richard Rosecrance, CSU Chico
- 11:30-Noon *Impact of Low-Residue Winter Cover Crops on Sediment and Nutrient Loss*
Richard Smith, UC Davis
- Noon-1:00 **Lunch**
- 1:00-1:30 *Nitrous Oxide Emissions from Fertilizer Practices*
Dave Goorahoo, CSU Fresno
- 1:30-2:00 *A Global Look at Nitrogen—Regulations, Pricing and Availability*
Jay Yost, Independent Agribusiness Professionals

WATER MANAGEMENT

- 2:00-2:30 *Implications of Reduced Irrigation on Plant Physiology and Plant Nutrition*
Don Merhaut, UCCE, Riverside County
- 2:30-2:45 **Break**
- 2:45-3:15 *Role of Plant Nutrition in Water-use Efficiency*
Eric H. Ellison, J.R. Simplot Company
- 3:15-3:45 *Integrating Irrigation and Nitrogen Fertilizer Management in Vegetables*
Michael Cahn, UCCE, Monterey County
- 3:45-4:15 *Potential Nitrate Groundwater Regulations in the Central Valley*
Nasser Dean, WPHA
- 4:15-4:30 Concluding remarks

CONTINUING EDUCATION UNITS (CEUs)

Certified Crop Adviser (CCA)

Course #07836: Nutrient Management, 2.5; Soil/Water Management, 1.5; Crop Management, 1.0; Professional Development, 1.0

Pest Control Adviser (PCA)

Course #A-1148-09: Laws and Regulations, 0.5; Other, 1.0

Wednesday, November 18, 2009

9:00-9:15 **Welcome**
Amadou Ba, Branch Chief I, Fertilizing Materials Inspection Program, CDFA
Renee Pinel, President/CEO, WPHA

Facilitator
Rob Mikkelsen, International Plant Nutrition Institute

TOOLS IN PLANT NUTRIENT MANAGEMENT

- 9:15-9:45 *Knowing Your Fertilizer "Rights"*
Tom Gerecke, Actagro
- 9:45-10:15 *Precision Delivery of Fertilizer to Satisfy Crop Demand*
Michael Delwiche, UC Davis
- 10:15-10:45 *Can a Better Tool for Assessing 'Hass' Avocado Tree Nutrient Status be Developed?*
Carol Lovatt, UC Riverside
- 10:45-11:00 **Break**
- 11:00-11:30 *Enhanced Efficiency Fertilizers—Tools or Toys?*
Alan D. Blaylock, Agrium Advanced Technologies
- 11:30-11:45 *California Certified Crop Advisers—Here to Serve the Customer*
Allan Romander, CaCCA Program
- 11:45-12:15 *Optimizing Nitrogen Availability in Cherry for Yield and Fruit Quality*
Kitren Glozer, UC Davis
- 12:15-1:15 **Lunch**
- 1:15-1:45 *Making the Most of Organic Sources of Nitrogen*
David Crohn, UC Riverside

AGRICULTURAL LABORATORIES

- 1:45-2:15 *So How Do You Really Get a Good Soil Sample?*
Michael Larkin, Crop Production Services
- 2:15-2:45 *Selecting a Testing Lab*
Dirk Holstege, ANR Analytical Lab, UC Davis
- 2:45-3:15 *Soil, Water and Tissue Testing—A Grower's Perspective*
Blake Carlson, BNL Farms
- 3:15-3:30 Concluding remarks

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Course #07837: Nutrient Management, 1.0; Soil/Water Management, 1.0; Crop Management, 0.5; Professional Development, 2.0

Pest Control Adviser (PCA)

Course #A-1136-09: Other, 1.0