

University of California
Agriculture and Natural Resources

Nitrogen Management Training for Certified Crop Advisers

Developed by:

**University of California | Agriculture and Natural Resources
and the
California Institute for Water Resources**

With support from:

**California Department of Food & Agriculture (CDFA)
Fertilizer Research and Education Program (FREP)**

California Association of Pest Control Advisers (CAPCA)

Nitrogen Management Training for Certified Crop Advisers

Agenda

Day 1: Nutrient Management

- 8:00 am Registration check-in begins (required)
- 9:00 am Module 1: Objectives
Rob Mikkelsen, International Plant Nutrition Center and Jerome Pier, Crop Production Systems
- 9:30 am Module 2: Nitrogen Cycle in Crop Production Systems
Patrick Brown and Sebastian Saa, University of California, Davis
- 10:15 am *Break*
- 10:30 am Module 2 continued
- 11:15 am Module 3: Nitrogen Sources
Tim Hartz, University of California, Davis
- 12:00 pm *Working Lunch*
- 1:00 pm Module 4: Irrigation and Nitrogen Management
Larry Schwankl and Allan Fulton, University of California Cooperative Extension
- 2:00 pm Module 5: Nitrogen Budgeting
Stu Pettygrove, University of California, Davis and Rob Mikkelsen, International Plant Nutrition Center
- 2:45 pm *Break*
- 3:00 pm Module 6: Tools and Resources
Daniel Geisseler, California Department of Food and Agriculture, Fertilizer Research and Education Program
- 3:45 pm Regional Board Update
- 4:30 pm Questions/summary/check-out
- 5:00 pm Adjourn

Day 2: Annual and Permanent Crops

- 7:00 am Sign-in begins (required)
- 8:00 am Current practices and BMPs
Break
- 10:30 am Nitrogen management planning exercise
- 12:00 pm Evaluations/Sign-out/certificate of attendance

Annual crops team:

Lead/Liaison Tim Hartz, University of California, Davis
Dan Munk, UC Cooperative Extension

Permanent crops team:

Lead/Liaison Patrick Brown, University of California, Davis
Allan Fulton, UC Cooperative Extension

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Contributing partners:

University of California
Agriculture and Natural Resources
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California Institute for Water Resources
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California Department of Food & Agriculture (CDFA)
Fertilizer Research and Education Program (FREP)
web: www.cdfa.ca.gov
Twitter: @CDFAnews

California Association of Pest Control Advisers (CAPCA)
web: capca.com

**Course materials available at:
ciwr.ucanr.edu/NitrogenManagement**