

A JOINT EVENT!

21st Annual Fertilizer Research and Education Program Conference &
Western Plant Health Association Central Valley Regional Nutrient Seminar



2013 FREP/WPHA CONFERENCE
Managing Agricultural Nutrients
Challenges, Opportunities, and the Future

October 29-30, 2013

DoubleTree Hotel
Modesto, California

The California Department of Food and Agriculture's (CDFA) Fertilizer Research and Education Program (FREP) and the Western Plant Health Association (WPHA) are teaming up again this year to present a one and a half-day conference on managing agricultural nutrients. The broad agenda is geared toward a wide range of agriculturalists, including agricultural supply and service consultants, growers, university extension specialists, crop advisers, and local, state and national governmental agency personnel. Presenters from academia, industry and agricultural consulting will provide general and technical information, current research data, and practical applications addressing statewide and regional nutrient management issues.

ABOUT THE SPONSORS

The CDFA Fertilizer Research and Education Program coordinates and funds research and projects that advance the environmentally safe and agronomically sound use and handling of fertilizer materials. FREP serves growers, agricultural supply and service consultants, university extension personnel, and local, state and national governmental agencies and organizations. www.cdfa.ca.gov/is/ffldrs/frep



The Western Plant Health Association is a not-for-profit trade association that represents fertilizer and crop protection manufacturers, agricultural biotechnology providers, and agricultural retailers in California, Arizona and Hawaii. WPHA's mission is to promote the environmentally safe and agronomically sound use and handling of plant health products and services for the production of safe, high quality food, fiber and horticultural products. www.healthyplants.org



Early registration deadline:

October 1, 2013

CCA and PCA credits have been applied for. Special registration for students available.

Conference Program

TUESDAY, OCTOBER 29, 2013

Facilitator: *Dr. Jerome Pier, Crop Production Services*

9:00-9:30 Welcome

Renee Pinel, Executive Director, WPHA

Karen Ross, Secretary, CDFA

Dee Dee D'Adamo, Board Member, California State Water Resources Control Board

9:30-10:00 California Certified Crop Advisor Nitrogen Management Training Program

Dr. Doug Parker, Director, California Institute for Water Resources, UC Agriculture and Natural Resources

10:00-10:30 FREP Crop Fertilization Guidelines

Dr. Daniel Geisseler, Post Doctoral Scientist, UC Davis Department of Land, Air, and Water Resources

10:30-10:45 Break

10:45-11:15 Irrigation and Nitrogen Management Web-based Software for Lettuce Production

Dr. Michael Cahn, Farm Advisor, UCCE Monterey County

11:15-12:00 Panel: Grower Perspective/Response to Decision Tools
Participants TBA

12:00-1:00 Lunch (provided)

1:00-1:30 Remediation of Tile Drain Water Using Bioreactors

Dr. Timothy K. Hartz, Extension Specialist/Agronomist, UC Davis Department of Plant Sciences

1:30-2:00 New Leaf Sampling and Nutrient Budgets for Almond and Pistachio

Dr. Patrick Brown, Professor, UC Davis Department of Plant Sciences

2:00-2:30 Scheduling and Conducting Tissue Sampling

Mike Buttress, Staff Agronomist, A & L Western Agricultural Laboratories

2:30-2:45 Break

2:45-3:15 Towards Development of Foliar Fertilization Strategies for Pistachio to Increase Total Yield and Nut Size and Protect the Environment

Dr. Carol J. Lovatt, Professor, UC Riverside Department of Botany and Plant Sciences

3:15-4:15 Fertigation Injection and Irrigation Equipment Live Demonstration

Bill Green, Education Specialist, Fresno State Center for Irrigation Technology

WEDNESDAY, OCTOBER 30, 2013

Facilitator: *Dr. Jerome Pier, Crop Production Services*

8:15-8:30 Welcome and Recap

8:30-9:00 Plant Nutrient Education Materials for Elementary through High School Classrooms

Judy Culbertson, Executive Director, and Shaney Emerson, Curriculum Coordinator, California Foundation for Agriculture in the Classroom
Haley Clement, Ag Chemistry Teacher, Liberty Ranch High School

9:00-9:30 California Certified Crop Adviser Educational Project

Terry W. Stark, CEO/President, California Association of Pest Control Advisers

9:30-10:00 Optimization of Organic Fertilizer Schedules

Dr. David Crohn, Associate Professor, UC Riverside Department of Environmental Sciences

10:00-10:15 Break

10:15-10:45 Improved Methods for Nutrient Tissue Testing in Alfalfa

Steve Orloff, County Director/Farm Advisor, UCCE Siskiyou County

10:45-11:15 European Pear Growth and Cropping: Optimizing Fertilizer Practices Based on Seasonal Demand and Supply with Emphasis on Nitrogen Management

Dr. Kitren Glozer, Associate Project Scientist, UC Davis Department of Plant Sciences

11:15-11:45 Emerging FREP Resources

Dr. Robert Mikkselsen, Director, Western North America, International Plant Nutrition Institute

11:45-12:00 Closing Remarks

Continuing Education Units (CEUs)

PCA and CCA hours have been applied for, details will be made available at <http://www.cdca.ca.gov/is/fldrs/frep>

Registration Information

DOUBLETREE HOTEL

1150 Ninth Street • Modesto, CA 95354 • Tel: (209) 526-6000

DIRECTIONS

From Northern California

Take CA-99 South toward Modesto/Fresno. Take the CA-132/Maze Boulevard exit toward CA-108. Turn left on CA-132/L Street. Continue down L Street to the hotel.

From Southern California

Take CA-99 North toward Sacramento. Take the exit toward CA-132/Central Modesto. Turn slight left onto 6th street. Turn right onto L Street. Continue down L street to the hotel.

From the Bay Area

Take I-580 East toward CA-24/Hayward-Stockton. Take I-205 East toward Tracy/Stockton. Merge onto I-5 North. Merge onto CA-120 East toward Manteca/Sonora. Merge onto CA-99 South toward Modesto/Fresno. Take the CA-132/Maze Boulevard exit toward CA-108. Turn left onto CA-132/L Street. Continue down L Street to the hotel.

PARKING

Self parking is free for event attendees with a ticket validation in the city parking structure between K and L on 9th. Tickets can be validated at the front desk of the DoubleTree hotel. Parking for attendees staying at the hotel is \$9.00 a night in the city parking structure between K and L on 9th street. Valet parking is \$16.



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REGISTRATION FORM

Please type or print.

 LAST NAME

 FIRST NAME

 BUSINESS/AFFILIATION

 MAILING ADDRESS (NUMBER, STREET, P.O. BOX)

 CITY, STATE, ZIP

 TELEPHONE/FAX

 E-MAIL ADDRESS

CONFERENCE REGISTRATION

Early (submitted by October 1, 2013): \$80 per day or \$150 for both days. Students' fee is \$45 per day or \$80 for both days.

Late (submitted after October 1, 2013 or on-site*): \$90 per day or \$175 for both days. Students' fee is \$50 per day or \$90 for both days.

***On-site registrations will be charged an extra \$2 processing fee.**

All registrations include handouts, FREP research annual report, continental breakfast, lunch, and refreshments. A completed registration form is required for each attendee.

Payment options are: a) check payable to WPHA; or b) credit card (include information on the form below or online). Regrettably, no cash can be accepted. Registration confirmation will be sent. Registration refunds, less a \$10 handling fee, are available up to October 1, 2013. *No refunds after that date.*

Fill and submit your registration form online at:

http://www.healthyplants.org/members_public/FREP_13a.pdf

SEND REGISTRATION/GET ADDITIONAL INFORMATION

Western Plant Health Association

4460 Duckhorn Drive, Suite A
 Sacramento, CA 95834
 Ph: 916.574.9744 • Fx: 916.574.9484
conference-regn@healthyplants.org

Mail completed registration forms to:

WPHA, 4460 Duckhorn Drive, Suite A
 Sacramento, CA 95834

-OR-

Save a stamp! Fill and submit your registration form online at:

http://www.healthyplants.org/members_public/FREP_13a.pdf

REGISTRATION FEES

Early registration is submitted by October 1, 2013

Regular: \$150 for Oct. 29 & 30 \$80 for Oct. 29 \$80 for Oct. 30
 Students: \$80 for Oct. 29 & 30 \$45 for Oct. 29 \$45 for Oct. 30

Late registration is submitted after October 1, 2013 or on-site*

Regular: \$175 for Oct. 29 & 30 \$90 for Oct. 29 \$90 for Oct. 30
 Students: \$90 for Oct. 29 & 30 \$50 for Oct. 29 \$50 for Oct. 30

***on-site registrations will be charged an extra \$2 processing fee**

PAYMENT OPTIONS

- Check enclosed, payable to WPHA. Amount: \$ _____
 Credit card: VISA MasterCard American Express

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 NAME (AS IT APPEARS ON THE CARD)

 EXPIRATION DATE (MM/YY)

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Address

Postage

California Department of Food & Agriculture
Fertilizer Research & Education Program
1220 N Street
Sacramento, CA 95814-5607

