

Nitrogen and Irrigation Management

Back to Basics

November 7, 2022

Madera Community College

Center for Agriculture and Technology Rooms 01A/01B

30277 Avenue 12, Madera, CA 93638

Space is limited, registration is free but required to attend

Register [here](#)

Agenda:

7:30 to 8:00 Sign in

8:00 – 8:15 Introduction – Phoebe Gordon

8:15 – 8:45 Nitrogen Management

Sat Darshan Khalsa, *UC Davis*

8:45 – 9:30 How do soil properties determine irrigation scheduling?

Khaled Bali, *UCANR*

9:30 – 10:00 Evapotranspiration: what is it? How do you use it?

Mohammad Yaghmour, *UCANR*

10:00 – 10:15 break

10:15 – 10:45 Irrigation system maintenance

Trina Walley, *East Stanislaus RCD*

10:45 – 11:15 Irrigating young trees

Phoebe Gordon, *UCANR*

11:15 – Noon Feedback/discussion/questions

CDFA Irrigation and Nitrogen Management Training
Program CEUs requested

Nitrogen and Irrigation Management Workshop

When: Monday November 14, 2022

Where: UCCE Kern County - 1031 S. Mt. Vernon Avenue, Bakersfield, CA 93307

Registration is free but required to attend

Register [here](#)

Agenda:

7:30 to 8:00 Sign in

8:00 – 8:15 Welcome & Introduction

Mohammad Yaghmour, UCCE Kern and Kings Counties

8:15 – 8:45 Nitrogen Management

Sat Darshan Khalsa, UC Davis

8:45 – 9:15 How do soil properties determine irrigation scheduling?

Khaled Bali, UC ANR

9:15 – 9:45 Evapotranspiration: what is it? How do you use it?

Mohammad Yaghmour, UCCE Kern and Kings Counties

9:45 – 10:15 **break**

10:15 – 10:45 Irrigation System Evaluation – Why a good DU is important

Brian Hockett, North West Kern RCD

10:45 – 11:15 Irrigating young trees

Phoebe Gordon, UCCE Madera and Merced Counties

11:15 – 11:45 Questions & discussion

CDFA Irrigation and Nitrogen Management Training Program CEUs requested

*Mohammad Yaghmour, Area Orchard
Systems Advisor 661-868-6211
or mayaghmour@ucdavis.edu*

Nitrogen and Irrigation Management Introductory Course

November 16, 2022

Harvest Hall

3800 Cornucopia Way, Modesto, CA, 95358

Registration is free but required to attend

Register here:

<https://surveys.ucanr.edu/survey.cfm?surveynumber=39195>

Agenda:

7:45 to 8:15 Sign in

8:15– 8:25 Nitrogen and Irrigation Initiative Introduction

Kari Arnold, *UCCE*

8:25 – 9:00 Irrigation system maintenance

Trina Walley, *East Stanislaus RCD*

9:00 - 9:30 Irrigating young trees

Phoebe Gordon, *UCANR*

9:30—9:50 CDFA Climate-Smart Ag Incentives Programs

An Overview of Healthy Soils and SWEEP Programs

Caddie Bergren, *UCANR*

9:50 – 10:10 break

10:10 – 10:40 Water Budgeting:

where to find the relevant information and how it all works together

Khaled Bali, *UCANR*

10:40 – 11:10 How do soil properties determine irrigation scheduling?

Khaled Bali, *UCANR*

11:10 – 11:40 Nitrogen Management

Douglas Amaral, *UCANR*
CDFA Irrigation and Nitrogen Management Training
Program CEUs requested

Orchard and Vineyard Field Day

Wednesday November 16th, 2022

UCANR - Kearney Agricultural Research and Extensions Center and USDA-ARS
Parlier, CA

9240 S Riverbend Ave, Parlier, CA 93648

Requested DPR 1.0 (O), CDFA-INMT CE 1.0, CCA CEU 2.0

[RSVP here](#)

8:00 AM	Registration sign-in, light breakfast
8:30 AM	Welcome and Announcements Mae Culumber, Brent Holtz

Rotating Session 1 - 8:40 AM – 10:30 AM

Station 1 8:40-9:10 AM	Orchard Irrigation Management with soil and water indicators– (possible CDFA Irrigation and Nitrogen Management Training CE 0.5, CCA CEU 0.5) Cameron Zuber UC Cooperative Extension Orchard Systems Advisor –Merced County
Station 2 9:10-9:40 AM	Nitrogen and other nutrients management for non-bearing and bearing almonds (CDFA Irrigation and Nitrogen Management Training CE 0.5, CCA CEU 0.5) Brent Holtz UC Cooperative Extension Orchard Systems Advisor - San Joaquin County Greg Browne USDA-ARS Research Plant Pathologist Davis, CA
Station 3 10:10 – 10:40 AM	Effect of WOR on soil health, physical, chemical and biological properties of soils (CCA CEU 0.5) Mae Culumber UC Cooperative Extension Nut Crop Advisor Fresno County Amisha Poret-Peterson USDA-ARS Research Microbiologist Davis, CA

Rotating Session 2 - 10:40 AM – 12:30 PM

Station 4 10:40 AM – 11:20 AM	<p>Integrating whole orchard recycling with fumigation and anerobic soil disinfestation to mitigate replant pathogens (DPR 0.5 CE)</p> <p>Greg Browne USDA-ARS Research Plant Pathologist Davis, CA</p> <p>Phoebe Gordon UC Cooperative Extension Orchard Systems Advisor – Madera County</p> <p>Brent Holtz UC Cooperative Extension Orchard Systems Advisor - San Joaquin County</p>
Station 5 11:20- 12 PM	<p>Managing Pests with Cover Crops: Integrated Pest Management (IPM) Practices and Techniques (DPR 0.5 CE)</p> <p>Houston Wilson UC Riverside Cooperative Extension Specialist in Orchard and Vineyards</p>
Station 6 12- 12:30 PM	<p>Vineyard water dynamics impacted by cover crops: establishment and soil and water benefits (CCA CEU 0.5)</p> <p>Lauren Hale USDA-ARS Research Soil Scientist Parlier, CA</p> <p>Sultan Begna USDA-ARS Water Management Research Agronomist Parlier, CA</p> <p>Cameron Zuber UC Cooperative Extension Orchard Systems Advisor –Merced County</p>
12:30 PM	<p>Nectarine room: feedback surveys, lunch boxes to stay or go</p>