

UC  
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Agriculture and Natural Resources

**UCCE Virtual Statewide Walnut Series 2022**  
**February 22 & 23, 2022**

**Day 1 Agenda, Feb. 22, 2022, Pests and Diseases**  
Register Here: <https://ucanr.edu/sites/WalnutSeries/>

- 8:00 - 8:05 AM **Welcome, Introductions and Housekeeping**  
*Kari Arnold, UCCE Orchard Systems Advisor, Stanislaus County*
- 8:05 AM **Session Moderator**  
*Kamyar Aram, UCCE Specialty Crops Advisor, Contra Costa County*
- 8:05 - 8:30 AM **Managing Walnut Scale, an Insidious Pest in California Walnut Orchards**  
*Elizabeth Fichtner, UCCE Farm Advisor, Tulare & Kings Counties*
- 8:30 - 8:35 AM Scale Live Poll
- 8:35 - 8:40 AM Scale Q&A
- 8:40 - 9:05 AM **Research Updates on Major Walnut Pests -Navel Orangeworm, Codling Moth and Walnut Husk Fly**  
*Jhalendra Rijal, UCCE Area IPM Advisor for North San Joaquin Valley*
- 9:05 - 9:10 AM NOW, CM, WHF Live Poll
- 9:10 - 9:15 AM NOW, CM, WHF Q&A
- 9:15 - 9:40 AM **Biology and Management of Flatheaded Borer in Walnuts**  
*Sudan Gyawaly, Project Scientist, UCCE*
- 9:40 - 9:45 AM Flatheaded Borer Live Poll
- 9:45 - 9:50 AM Flatheaded Borer Q&A
- 9:50 - 10:20 AM **California Walnuts Industry Update**  
*Jennifer Williams, Claire Lee, and Josh Ramm, California Walnut Commission*

10:20 - 10:30 AM	CWC Q&A
10:30 - 10:45 AM	<b>BREAK</b>
10:45 AM	<b>Session Moderator</b> <i>Mohammad Yaghmour, UCCE Orchard Systems Advisor, Kern County</i>
10:45 - 11:10 AM	<b>Investigating Botryosphaeria/Phomopsis Diseases of Walnut in San Joaquin and Stanislaus Counties</b> <i>Mohamed Nouri, UCCE Orchard Systems Advisor, San Joaquin County</i>
11:10 - 11:15 AM	Bot/Phomopsis Live Poll
11:15 - 11:20 AM	Bot/Phomopsis Q&A
11:20 - 11:45 AM	<b>Walnut Mold Management</b> <i>Themis Michailides, Professor, UC Davis</i>
11:45 - 11:50 AM	Mold Live Polls
11:50 - 11:55 AM	Mold Q&A
11:55 AM - 12:10 PM	<b>Identifying Diseases of Walnut and Management Strategies</b> <i>Kari Arnold, UCCE Orchard and Vineyard Advisor, Stanislaus County</i>
12:10 - 12:15 PM	Disease ID Live Polls
12:15 - 12:20 PM	Disease ID Q&A
12:20 - 12:30 PM	<b>Closing Remarks</b> <i>Kari Arnold, UCCE Orchard and Vineyard Advisor, Stanislaus County</i>

Total: 3.5 Hours of DPR CE

## UCCE Virtual Statewide Walnut Series 2022 February 22 & 23, 2022

**Day 2** Agenda, Feb. 23, 2022, General Orchard Management  
Register Here: <https://ucanr.edu/sites/WalnutSeries/>

8:00 - 8:05 AM	<b>Welcome, Introductions and Housekeeping</b> <i>Kari Arnold, UCCE Orchard Systems Advisor, Stanislaus County</i>
8:05 AM	<b>Session Moderator</b> <i>Kamyar Aram, UCCE Specialty Crops Advisor, Contra Costa County</i>
8:05 - 8:30 AM	<b>Let the Tree Tell You when it's Time to Start Irrigating</b> <i>Ken Shackel, Professor, Dept. of Plant Sciences, UC Davis</i>
8:30 - 8:35 AM	Irrigation Q & A

8:35 - 8:50 AM	<b>Walnut Whole Orchard Recycling (WOR): Early Results</b> <i>Luke Milliron, Orchards Advisor, Butte, Glenn, &amp; Tehama Counties</i>
8:50 - 8:55 AM	WOR Q & A
8:55 - 9:20 AM	<b>Evaluating Different Cover Crop Mixes for Nitrogen Management in Walnut Orchards</b> <i>Xia Zu Barker, Associate Professional Researcher, Department of Land, Air &amp; Water Resources, UC Davis</i>
9:10 - 9:15 AM	NOW, CM, WHF Q&A
9:20 - 9:25 AM	Cover Crops Q & A
9:25 - 9:50 AM	<b>Management and Environmental Impacts on Walnut Quality</b> <i>Bruce Lampinen, Extension Specialist, UC Davis</i>
9:50 - 9:55 AM	Walnut Quality Q&A
9:55 - 10:10 AM	<b>BREAK</b>
10:10 AM	<b>Session Moderator</b> <i>Jhalendra Rijal, UCCE Area IPM Advisor for North San Joaquin Valley</i>
10:10 - 10:50 AM	<b>Best Management Plans for Walnut Orchard Fertility and Salinity Management</b> <i>Mae Culumber, UCCE Nut Crops Advisor, Fresno County</i>
10:50 - 10:55 AM	Orchard Salinity Q & A
10:55 - 11:20 AM	<b>Walnut Improvement Program (WIP) Updates</b> <i>Pat J. Brown, Associate Professor, UC Davis</i>
11:10 - 11:15 AM	Bot/Phomopsis Live Poll
11:15 - 11:20 AM	Bot/Phomopsis Q & A
11:20 - 11:45 PM	<b>Walnut Mold Management</b> <i>Themis Michailides, Professor, UC Davis</i>
11:45 - 11:50 AM	Mold Live Polls
11:50 - 11:55 AM	Mold Q&A
11:55 - 12:10 PM	<b>Identifying Diseases of Walnut and Management Strategies</b> <i>Kari Arnold, UCCE Orchard and Vineyard Advisor, Stanislaus County</i>
12:10 - 12:15 PM	Disease ID Live Polls
12:15 - 12:20 PM	Disease ID Q & A
<b>Closing Remarks</b>	<i>Kari Arnold, UCCE Orchard and Vineyard Advisor, Stanislaus County</i>

Total: 3.5 Hours of DPR CE

# **Sacramento Valley Cover Crop Tour**

Hosted by:

Western Cover Crop Council - Southwest Region Committee  
and UC Cooperative Extension

**Thursday, March 3, 2022**

**8:00 AM-7:30 PM** (*includes dinner*)

Departing from the Colusa County UCCE Office,  
100 Sunrise Blvd., Suite E, Colusa, CA 95932

## **Description:**

Join us for a tour of several cover crop sites in the Sacramento Valley including orchards and annual crop fields. Cover crop species, cultivars and mixes including legumes, grasses and brassicas will be showcased. You'll hear from farmers, extension specialists, and researchers on topics such as cover crop selection, equipment to manage cover crops, considerations for cover crop management, and building soil health.

View the agenda: <https://ucanr.edu/sites/PSU/files/362334.pdf>

Continuing education units will be offered, details to follow

## **Registration Information:**

The \$50 registration fee includes morning refreshments, transportation, lunch, and dinner.

**Register at:** <https://surveys.ucanr.edu/survey.cfm?surveynumber=36190>

## **Contacts for More Information:**

Program Content: [Sarah Light](#), UCCE Agronomy Advisor, Sutter-Yuba and Colusa Counties

Logistics and Registration: [ANR Program Support Unit](#), Julia Kalika, (530) 750-1361

## **About the Western Cover Crop Council:**

The Western Cover Crops Council (WCCC) is an organization of members that are interested in cover crops. The mission of the WCCC is to facilitate and enhance communication and collaboration that promotes the successful adoption and integration of cover cropping into Western U.S. agricultural systems. All of our members live or work in a State or Territory within the Western SARE region. The Southwest Region includes California, Arizona, and Nevada.

This tour is hosted by the Southwest Region Committee. Funding provided by Western SARE.

University of California  
Cooperative Extension  
Tulare County  
4437B S Laspina St  
Tulare, CA 93274-9537

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## February 2022

# In A Nutshell: Prefer Paperless?

If you would prefer to receive UCCE's *In a Nutshell* newsletter electronically, please click the following URL:

<https://ucanr.edu/survey/survey.cfm?surveynumber=35014>

If you would like to be removed from any of our mailing lists, please call our office at 559-684-3300.

**Elizabeth Fichtner**  
**Doug Amaral**  
**Farm Advisors**

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