

## Seeking young pistachio orchards!

My team has been conducting a young pistachio nitrogen and phosphorus fertilization trial at the Westside Research Station in Five Points, California. I would like to repeat the results off-site and am looking for a young pistachio orchard planted either in late 2023 on nursery-budded trees, or a rootstock planting field budded in 2023.

We found that pistachio trees do not benefit from more than 0.75 oz of nitrogen per tree, and that there is no growth benefit (though some phosphorus uptake) from phosphorus fertilization.

We are asking participants to apply a very low rate of nitrogen (ideally the equivalent of 0.5 oz of N/tree) and no phosphorus, though compost applications are fine.

This project is low stress for anyone who would host the trial. We will take care of the fertilization treatments and leaf tissue sampling.

If you are interested in participating or have more questions, please reach out to me at [pegordon@ucanr.edu](mailto:pegordon@ucanr.edu) or 559-825-7632



# Winter 2024 meetings

University of California  
Agriculture and Natural Resources



Cooperative Extension

**Statewide Pistachio Day 2024:**  
**Wednesday, January 17, 2024, 8 am-4:10 pm**  
**Visalia Convention Center, 303 E Acequia Ave, Visalia, CA 93291**

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|----------|--|
| 7:00 am  | <b>Doors open for Registration and morning coffee.</b>   |
|          | <i>Session Moderator: Jorge Angeles, UCCE Tulare County Farm Advisor</i>   |
| 8:00     | <b>Welcome:</b> <i>Elizabeth Fichtner, Farm Advisor, UCCE Tulare County</i><br><i>Larry Micari, Tulare County Supervisor</i>                           |
| 8:05     | <b>Update from the California Pistachio Research Board</b><br><i>Robert Klein, Manager California Pistachio Research Board</i>                         |
| 8:30     | <b>Economics of Pistachio Production</b><br><i>Brittney Goodrich, Professor of Extension, UC Davis</i>   |
| 9:00     | <b>Update on Specialty Crops Research Initiative supported pistachio research program</b><br><i>Pat Brown, Professor, UC Davis</i>                     |
| 9:15     | <b>Boron: Function and Recent Research Results</b><br><i>Louise Ferguson, Professor of Extension, UC Davis</i>   |
| 9:30     | <b>Regional &amp; Future Climate Considerations for Farming Pistachios</b><br><i>Katherine Jarvis-Shean, Orchard Advisor, UCCE Yolo County, UC ANR</i> |
| 10:00    | <b>Coffee Break and Visit with Sponsors</b>  |
|          | <i>Session Moderator: Tobias Oker, UCCE Kern County Farm Advisor</i>   |
| 10:30    | <b>Effects of cover cropping on radiation dynamics of micro-irrigated pistachio</b><br><i>Daniele Zaccaria, Professor of Extension, UC Davis</i>       |
| 11:00    | <b>Initial evaluation of satellite remote-sensing estimates of pistachio water use</b><br><i>Pasquale Steduto, Visiting Scientist, UC Davis</i>        |
| 11:30    | <b>Mechanical Harvesting of Pistachio trees: An Update</b><br><i>Reza Ehsani, Professor, UC Merced</i>   |
| 12:00 pm | <b>Luncheon</b>  |
|          | <i>Session Moderator: David Haviland, Farm Advisor, UCCE Kern Co.</i>  |
| 1:00     | <b>Management of foliar pistachio diseases</b><br><i>Themis Michailides, Plant Pathologist, UC Davis</i>   |
| 1:30     | <b>Do plant-parasitic nematodes damage pistachios?</b><br><i>Andreas Westphal, Nematologist, UC Riverside</i>  |
|          |  |

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|      |   |
| 2:00 | <b>Navigating increasingly complex insecticide programs for Gill's mealybug</b><br><i>David Haviland, Entomology Advisor, UCCE Kern County</i>  |
| 2:30 | <b>Break and visit with sponsors</b>  |
| 3:00 | <b>Advances in efforts to develop sterile insect technique (SIT) for navel orangeworm and monitoring programs for leaffooted bug</b><br><i>Houston Wilson, Entomologist, UC Riverside</i> |
| 3:40 | <b>Carpophilus beetle: origins and recommendations for a California response</b><br><i>David Haviland and Houston Wilson</i>  |
| 4:10 | <b>Pest Management Q&amp;A Session, Adjourn</b>   |

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## 52<sup>nd</sup> Tri County Walnut Day

Tulare County Agricultural Building  
4437 S Laspina St., Tulare, CA 93274

Thursday, February 1, 2024

|  |  |
|--|--|
| 7:30 am  | <b>Registration and Coffee Sponsored by JCS Marketing--West Coast Nut Magazine</b>   |
| Session Moderator: Mohammad Yaghmour, Farm Advisor, UCCE Kern County |  |
| 8:00   | <b>Welcome:</b> <i>Elizabeth Fichtner, Farm Advisor, UCCE Tulare County</i>  |
| 8:05   | <b>Walnut Scale and Frosted Scale Management</b><br><i>Elizabeth Fichtner, Farm Advisor, UCCE Tulare County</i>  |
| 8:30   | <b>Dissecting the walnut mold problem of walnut and its association with the “black nuts” in the orchard</b><br><i>Themis Michailides, Professor, UC Davis</i> |
| 9:00   | <b>Weed Management in Young Walnut Orchards</b><br><i>Jorge Angeles, Farm Advisor, UCCE Tulare County</i>  |
| 9:15   | <b>Minimal Heading of Ivanhoe at Planting</b><br><i>Elizabeth Fichtner, Farm Advisor, UCCE Tulare County</i>   |
| 9:30   | <b>Update on NOW, Walnut Husk Fly, and Flatheaded Borer Pests</b><br><i>Jhalendra Rijal, UC IPM Advisor, UCCE Stanislaus County</i>                            |
| 10:00  | <b>Coffee Break</b>  |
| Session Moderator: Mae Culumber, Farm Advisor, UCCE Fresno County    |  |
| 10:30  | <b>Walnut Quality Issues</b><br><i>Bruce Lampinen, Professor of Cooperative Extension, UC Davis</i>  |
| 11:00  | <b>Standard Walnut Rootstocks vs. New Rootstocks - How do they Compare?</b><br><i>Janine Hasey, Farm Advisor Emeritus, Sutter and Yuba Counties</i>            |
| 11:30  | <b>Inputs to walnut orchards in a low-price year</b><br><i>Bob Beede, Farm Advisor Emeritus, UCCE Kings County</i>   |
| 12:00 pm   | <b>Luncheon Sponsored by the California Walnut Board &amp; Commission</b>  |
| 1:00   | <b>Update from the California Walnut Board</b><br><i>Robert Verloop, Executive Director and CEO California Walnut Board and Commission</i>                     |
| 2:30   | <b>Adjourn</b>   |

Please pre-register at: <https://surveys.ucanr.edu/survey.cfm?surveynumber=41702>

1.5 DPR & 5.1 CCA Credits Applied For

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IN-PERSON EVENT

## QUAD-COUNTY WALNUT INSTITUTE

2024

### Event Details

 **FRIDAY, FEBRUARY 2<sup>ND</sup>, 2024**  
**8:00 AM - 2:30 PM**

 **Robert J Cabral Agricultural Center**  
2101 E. Earhart Ave.  
Stockton, CA 95206

### RSVP

Event free to attend

We would appreciate an RSVP to better plan for lunch.

Please use the link or scan the code below

<https://ucanr.edu/QCWI-RSVP>



### DESCRIPTION

At this year's Quad-County Walnut Institute we are partnering with the California Walnut Board and Commission to host a two session event. The first session will have presentations from various experts and researchers and the second session will be for the board, commission, and attendants to discuss industry interests and other topics of importance. Growers, CCAs, PCAs, and other agricultural professionals who work with California walnuts are encouraged to attend.

*Coffee and donuts in the morning. Lunch is being provided by the California Walnut Board and Commission.*

### TOPICS

#### Sign-in (7:30 AM to 8:00 AM)

#### First Session (8:00 AM to 12:00 PM)

- ◇ 8:00 AM to 8:15 AM - Introduction
- ◇ 8:15 AM to 8:45 AM - Managing walnut husk fly and scale insects in walnuts (Robert Van Steenyk)
- ◇ 8:45 AM to 9:15 AM - Principles of irrigation management in walnuts (Abdelmoneim "Moneim" Mohamed)
- ◇ 9:15 AM to 9:45 AM - Orchard weed management updates (Brad Hanson)
- ◇ 10:00 AM to 10:30 AM - Dissecting the walnut mold problem of walnut and its management (Themis Michailides)
- ◇ 10:30 AM to 11:00 AM - Cause, prevention, and treatments of crown and trunk galls in walnuts (Cameron Zuber)
- ◇ 11:00 AM to 11:30 AM - Cover crop benefits and considerations for walnut orchards (Kamyar Aram)
- ◇ 11:30 AM to 12:00 PM - Research updates on borer and worm pests of walnuts (Jhalendra Rijal)

#### Lunch (12:00 PM to 1:00 PM)

#### Second Session (1:00 PM to 2:30 PM)

- ◇ 1:00 PM to 1:30 PM - Talk with Robert Verloop, Executive Director and CEO of California Walnut Board and Commission
- ◇ 1:30 PM to 2:30 PM - Panel and attendee discussion

### CONTINUING EDUCATION

- ◇ Department of Pesticide Regulation (DPR) Pending approval - 2.5 CE
- ◇ Certified Crop Advisor (CCA) Approved - 3.5 CEU

Photos in flyer from Drawing the Valley podcast

### CONTACT

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Jhalendra Rijal (jrijal@ucanr.edu), Cameron Zuber (cazuber@ucanr.edu)



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