

Winter 2023-2024 meetings

University of California
Agriculture and Natural Resources
Cooperative Extension



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 or 559-825-7632



Salinity Management in Pistachio Workshop and Recent Pistachio Salinity Trial Results

Wednesday, December 13th, 2023

8:00 am – 12:00 pm

Nectarine Room

Kearney Agricultural Center

9240 South Riverbend Ave., Parlier, CA 93648

Registration Fee: \$25.00

Registration is limited to 100 attendees.

Registration at: <https://na.eventscloud.com/ereg/newreg.php?eventid=778160&>.

Information: 559-737-3061, email L.Ferguson@ucdavis.edu

Parking on the west side of the building: https://kare.ucanr.edu/About_us/Center_Map/

Course Materials Include:

USB Drive with Digital Resources and Links

Salinity Management Guide for Pistachio Growers

UCANR Agricultural Salinity and Drainage Publication #3375:

<https://anrcatalog.ucanr.edu/Details.aspx?itemNo=3375>

7:30 am	Registration and Coffee
8:00	Welcome, Workshop Structure and Pre-Workshop Survey Louise Ferguson, Statewide Specialist
8:15	Effects of Salinity on Pistachio Physiology, Growth and Yield Giulia Marino, Orchard Systems Specialist
9:00	Irrigating Pistachios in Saline Conditions: Including Considering Soil Texture <i>Giulia Marino, Orchard Systems Specialist</i>
9:30	Coffee Break
10:00	Calculating Leaching Fractions and Requirements – Lecture and Hands-on Exercise & Mitigating Salinity and Sodicity Lecture and Hands-on Exercise <i>Mae Culumber, Fresno County Farm Advisor</i>
11:30	Current Pistachio Salinity Research Results <i>Louise Ferguson, Statewide Specialist; Mukesh Mehata, Postdoctoral Scholar; Gary Banuelos, USDA Research Scientist</i>
12:00 pm	Conclusion <i>Louise Ferguson, Statewide Specialist</i>

This workshop is supported by California Department of Food and Agriculture grants:
#21-0001-036-SF-36: Long Term Saline Irrigation Strategies for Pistachios on *P. Integerrima* Parentage Rootstocks

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

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

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

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52nd Tri County Walnut Day

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

Thursday, February 1, 2024

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

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

1.5 DPR & 5.1 CCA Credits Applied For