

Advances in Pistachio Production

November 5– 7, 2024

Agenda items subject to change

Day 1: Tuesday, Nov 5

7:30 – 8:30 am	Registration and Light Breakfast
8:30 – 8:45 am	Welcome and Course Information – Explanation of course orientation and material – <i>Phoebe Gordon</i>
	Session 1: The Tree - Moderated by Tobias Oker
8:45 – 9:30 am	Botany and Physiology of the Pistachio Tree – <i>Phoebe Gordon</i>
9:30 – 10:00 am	Regional considerations in growing pistachios (climate change) – <i>Katherine Jarvis-Shean</i>
10:00 – 10:30	Break
	Session 2: Establishing the Orchard – Moderated by Tobias Oker
10:30 – 11:15 am	Site Selection: Soil Evaluation and Modification, Water Quality, Salinity Management and Reclamation – <i>Mae Culumber</i>
11:15 – 11:45 pm	Planning and Designing the Orchard – <i>Doug Amaral</i>
11:45 – 12:30 pm	Irrigation of Pistachio: System Selection, Maintenance, and Evaluation – <i>Daniele Zaccaria</i>
12:30 – 1:30 pm	Lunch
	Session 3: Pistachio Cultivars - Moderated by Phoebe Gordon
1:30 – 2:15 pm	Pistachio Cultivars (include patenting issues) – <i>Giulia Marino</i>
2:15 – 2:45 pm	Pistachio Rootstocks (including production and new issues of poor roguing nematodes – <i>Elizabeth Fichtner</i>
2:45 – 3:30 pm	Budding, Planting, and Young Tree Training – <i>Gurreet Brar</i>
3:30 – 4:00 pm	Break
	Session 4: Orchard Production – Moderated by Phoebe Gordon
4:00 – 4:30 pm	Mature Tree Pruning: Hand and Mechanical Pruning – <i>Elizabeth Fichner</i>
4:30 – 5:00 pm	State of the Pistachio Industry – <i>Steve Vasquez</i>
5:00 – 5:30 pm	Vertebrate Pests of Pistachios – <i>Roger Baldwin</i>
6:00 – 8:00 pm	Optional Networking Social with Bar and Hors d'oeuvres
8:00 pm	Adjourn Day 1

Advances in Pistachio Production

November 5– 7, 2024

Agenda items subject to change

Day 2: Wednesday, Nov 6

7:30 – 8:30 am **Light Breakfast**

Session 5: Orchard Production – Moderated by Doug Amaral

8:30 – 9:15 am Irrigation: Tree Water Requirements and Advances in Pistachio Irrigation (including deficit irrigation, ET, tree water requirements and RDI) – *Tobias Oker*

9:15 – 9:45 am Tree Health Under Saline Conditions – *Louise Ferguson*

9:45 – 10:15 am Orchard Soil Management (cover crops) – *Mae Culumber*

10:15 – 10:45 am **Break**

Session 6: Pistachio Tree Nutrition: Diagnosis and Correction – Moderated by Doug Amaral

10:45 – 11:30 am Macronutrients – *Phoebe Gordon*

11:30 – 12:15 pm Micronutrients – *Doug Amaral*

12:15 – 1:15 pm **Lunch**

Session 7: Harvest and Postharvest – Moderated by Gurreet Brar

1:15 – 1:45 pm Pistachio Fruit Phenology – *Barbara Blanco Ulate*

1:45 – 2:30 pm Pre-harvest, Harvesting, Transport, Trash Processing, and Grading – *Gurreet Brar*

Session 8: Diseases of Pistachio – Moderated by Gurreet Brar

2:30 pm – 3:00 pm Root, Crown, and Wood Diseases – *Florent Trouillas*

3:00 – 3:45 pm Foliar Diseases – *Themis Michailides*

3:45 – 4:15 pm **Break**

Session 9: Emerging Issues and Technologies in Pistachios – Moderated by Mae Culumber

4:15 – 4:45 pm Food Safety and FSMA in Pistachio Production – *Erika Estrada*

4:45 – 5:15 pm Crop Manage – *Michael Cahn*

5:15 pm **Adjourn Day 2**

Advances in Pistachio Production

November 5– 7, 2024

Agenda items subject to change

Day 3: Thursday, Nov 7

7:30 – 8:30 am	Light Breakfast
	Session 10: Insect Pests and Integrated Pest Management – Moderated by Jorge Angeles
8:30 – 9:15 am	Navel Orangeworm Biology and Management – <i>Houston Wilson</i>
9:15 – 9:45 am	Aflatoxin and Navel Orangeworm – <i>Themis Michailides</i>
9:45 – 10:15 am	Break
	Session 11: Insect pests and Integrated Pest Management, continued!
10:15 – 10:45 am	Scales, Mites, and Newly Established Orchard Pests – <i>David Haviland</i>
10:45 – 11:30 am	Small and Large Plant Bugs – <i>Kent Daane</i>
11:30 – 12:00 pm	Mealybugs – <i>David Haviland</i>
12:00 – 12:30 pm	Diagnosing Orchard Issues and Pistachio Production in AZ & NM – <i>Richard Heerema</i>
12:30 – 1:30 pm	Lunch
	Session 12: Overview and Weed Management – Moderated by Idong Mokuwunye
1:30 – 2:00 pm	Integrated Pest Management: Annual Plans and Other Resources – <i>David Haviland</i>
2:00 – 2:45 pm	Orchard Floor Weed Management – <i>Jorge Angeles</i>
2:45 – 3:00	End of Course Survey
3:00 – 3:15 pm	Course Conclusion
3:15 pm	Adjourn Day 3