Join us this year for the 2024 Practical Training of Nitrogen Planning and Management in Organic Production of Annual Crops!

- Virtual Event
- Cost: \$30 (No one will be turned away due to lack of funds. Please email us to inquire)
- Limited to 80 attendees. Register soon!
- Habrá traducción al Español Live Spanish Translation will be provided

Continuing Education:

- Earn 8 hours of CDFA-INMTP continuing education credits (formerly CURES CE Credits)
- Earn 8 hours CCA credit







About this workshop:

In this 4-part series, participants will learn how to estimate nitrogen release from diverse organic sources and translate that knowledge to nitrogen fertilization plans and regulatory reporting requirements. Over the first 3 sessions, we will cover the most common sources of nitrogen and complete a nitrogen budget. In session 2, participants will be able to work on and receive feedback on their own nitrogen budgets. In session 4, participants will hear from growers about how they manage nitrogen and develop a budget.

Who should enroll?

Growers, CCAs, PCAs and other agricultural professionals who are interested in learning about nitrogen management in organic production are encouraged to enroll.

Click here to Register!

https://na.eventscloud.com/2024nitrogen

Dates & Time	Session Information
Monday,	Part 1: Understanding Nitrogen: The Nutrient, the Role of Microbes and the Relevance of Soil
November 18,	Organic Matter
1:00-3:00 PM	
(PT)	We will begin with an overview of the sources, transformations and fates of sources of organic
	nitrogen in soil. Foundational to this, we'll cover the role and dynamics of microbes in nitrogen
	management, and how that impacts management decisions. Lastly, we'll discuss using nitrogen
	budgets to understand the sources and proportions of available nitrogen to meet crop demand.
	Speakers: Daniel Geisseler, Amelie Gaudin, and Margaret Lloyd
Monday,	Part 2: Estimating Nitrogen Release from Organic Amendments and Contributions from Cover
November 25, 1:00-3:00 PM	Crops
(PT)	This session will focus on estimating nitrogen release from compost, organic fertilizers and cover
	crops. In addition, participants will be invited to apply the training to their own operations and
	receive feedback on the budget calculations during this session.
	Speakers: Patricia Lazicki and Margaret Lloyd
Monday,	Part 3: Putting It All Together: Completing a Nitrogen Budget, Synchronizing Nitrogen Release
December 2,	with Nitrogen Demand, and Using Soil Tests

1:00-3:00 PM	In this session, we will address specific aspects of organic soil fertility management in
(PT)	vegetables. Discussions will include nitrogen in irrigation water, managing water for nitrogen
	optimization, crop nitrogen demand and strategies to supply demand, as well as using and
	interpreting soil testing. Specific references will be made to strategies for complying with
	forthcoming regulations. We will conclude with a discussion on new frontiers in plant's nitrogen
	acquisition science.
	Speakers: Daniel Geisseler, Joji Muramoto, Michael Cahn and Margaret Lloyd
Monday	Open House/Grower Panel

Monday, December 9. 1:00-3:00 PM (PT)

pen House/Grower Panel

About the Presenters



Michael Cahn is an irrigation and water resources Farm Advisor for UC Cooperative Extension in Monterey County. His research and extension program focuses on irrigation efficiency, nutrient use of crops, and protecting water quality. He led the development of CropManage, an online decision support tool for irrigation and nutrient management.



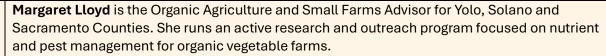
Amélie Gaudin is Associate professor of Agroecology in the Department of Plant Sciences at UC Davis. Her research focuses on measuring the impacts of diversification on soil health and functions and resilience of agriculture to climate change.



Daniel Geisseler is a Cooperative Extension Specialist in the Department of Land, Air and Water Resources at UC Davis. Daniel's research and outreach focuses on nutrient turnover and plant nutrition in agricultural systems. He is interested in the effects that different management practices have on nutrient use in California crops and how nutrient use efficiency can be improved, particularly with nitrogen



Patricia Lazicki is the Vegetable Crops Advisor for Yolo, Solano, and Sacramento Counties, working mainly in tomatoes. Her research interests include soil health, and nutrient management and fertility in organic annual cropping systems.





Joji Muramoto is a Cooperative Extension organic production specialist at UC Santa Cruz. His research and extension focus on nitrogen and soilborne disease management in organic cropping systems across the state.

For more information contact:

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