



UC CE | Practical Training on Nitrogen Management in Organic Production of Annual Crops

Tuesday, December 9th 2025
9 am-2 pm

@ Woodland Community College
2300 E Gibson Rd, Woodland
lunch provided

or
Remote by Zoom

ABOUT THIS WORKSHOP

Participants will learn how to estimate nitrogen release from diverse organic sources & translate that into nitrogen fertilization decisions and reporting. We will cover the most common sources of nitrogen and complete a nitrogen budget.

- ✓ **Understanding nitrogen dynamics**
The nutrient, the role of microbes and the relevance of soil organic matter.
- ✓ **Predicting nitrogen availability**
How much nitrogen releases from organic amendments, compost and cover crops.
- ✓ **Nitrogen budgeting**
Putting it all together: N budgeting, synchronizing N release with N demand, role of water, and soil testing.

- **Cost \$20** (Free for farmers)
- *Lunch included for in-person participants
- **Earn CE credits**
 - 4 hours of CCA
 - 4 hours of INMTP

WHO SHOULD ATTEND?

- Farmers
- PCA, CCA, ag consultants
- Technical assistance providers



REGISTER HERE

Limited spaces
Registration required



Margaret Lloyd
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UC Cooperative Extension
University of California
Agriculture & Natural Resources

ABOUT THE PRESENTERS



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 a UCCE Vegetable Crops Advisor for Yolo, Solano, and Sacramento Counties. Her research focuses on soil health and fertility in organic cropping systems. Previously, as a soil science researcher, she worked to develop the nitrogen guidelines for crops throughout California.



Margaret Lloyd is the UCCE Small Farms Advisor for Yolo, Solano and Sacramento Counties. Her research and outreach focuses on the needs of organic vegetable farms. Margaret has spent the last several years on understanding nitrogen management in organic tomato production.



Joji Muramoto is an associate Cooperative Extension Organic Agriculture Specialist based at UC Santa Cruz. His research and extension focus on fertility and soilborne disease management in organic vegetables and strawberries. He networks with organic systems researchers across the state to better serve organic communities throughout California.



Amélie Gaudin is Professor of Agroecology in the Department of Plant Sciences at UC Davis. Her research focuses on measuring the impacts of diversification, including grazing cropland, on soil health and nutrient cycling functions and implications for sustainability and resilience of agriculture.



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.