

Comprehensive Nitrogen Management for Crop Health and Reporting in Organic Production



Monday, November 4, 2019
11-2 pm, lunch included

Norton Hall | 70 Cottonwood Street | Woodland, CA 95695
3 hours of CURES credits requested

No charge but **RSVP** required by October 31st
[Rsvp Here](#)

Organic nitrogen management is particularly challenging because nitrogen from organic sources, such as compost, soil organic matter, cover crops, crop residue and soil amendments, must first be converted by microbes to become plant-available forms. Matching plant-available nitrogen to crop demand is necessary in order to provide sufficient nitrogen for optimal yields while reducing the risk of environmental pollution. Furthermore, nitrogen reporting requirements require information in plant-available nitrogen as opposed to total nitrogen applied.

As a group, we will complete a comprehensive nitrogen budget, through which you will be given guidelines and calculations for estimating plant-available N. This will be directly translatable for use with your own compost, soil report results, amendments, etc. The last segment of the workshop will include an opportunity to work on your personal nitrogen budget and receive feedback from Margaret and Patricia. Participants are encouraged to bring information from their farm in order to use this information.

Instructors



Margaret Lloyd, PhD is a UCCE Farm Advisor focused on organic production for Yolo, Solano and Sacramento Counties. In collaboration with researchers at the UC Davis campus, she has been conducting research on organic amendments and refining a framework for understanding nitrogen management in organic vegetable systems.



Patricia Lazicki has been working as a scientist with the Geissler Lab at University of California at Davis, Department of Land, Air and Water Resources for several years. During this time, she has researched and developed nitrogen plans for numerous crops, annual and perennial. She has a rich understanding of nitrogen management and a breadth of knowledge on its application on-farm.

Contact Margaret Lloyd with questions mglloyd@ucanr.edu 530-564-8642

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