

Healthy Soils and Cover Crops Field Day

Meridian, CA

March 17, 2020 ~ 8:30-11:00am

- 8:30 am Coffee and Registration
- 9:00 am Welcome and Overview
Amber Vinchesi-Vahl and Sarah Light, UCCE Sutter, Yuba, Colusa Counties
- 9:10 am Project Results from Meridian
Amber Vinchesi-Vahl and Sarah Light, UCCE Sutter, Yuba, Colusa Counties
Veronica Suarez Romero, UC Davis
- 9:30 am Various Cover Cropping Experiences in the Sacramento Valley
Ed Sills, Pleasant Grove Farms
- 9:45 am Cool Season Cover Crop Findings from the Lockeford Plant Materials Center: Challenges + Benefits
Valerie Bullard, USDA-NRCS Plant Materials Center
- 10:05 am Cover Crop Variety Selection and Small Plot Demonstration
Tom Johnson, Kamprath Seed
- 10:25 am Viewing of project plots and cover crop small plots
- 10:50 am Wrap Up and Evaluations

This project was supported by the California Climate Investments program (<http://www.caclimateinvestments.ca.gov/>) and the California Department of Food and Agriculture Healthy Soils Program (<https://www.cdfa.ca.gov/oefi/healthysouils/>).



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Directions:

Turn on Drexler Rd. from Hwy 20. Follow to the stop sign (2.5 mi) and take a right on Moroni Rd. Follow for 0.3 mi and take your first left onto S. Drexler Rd.
S. Drexler turns into S. Meridian after 0.5 mi, field is on the left across from orchard.

OR: Follow UC Cooperative Extension signs from the corner of Moroni Rd. and S. Drexler Rd.

In case of a rain, call 530-822-7515 to find out if event will be held or rescheduled.
If you have any questions, please contact Sarah (selight@ucanr.edu or 530-822-7515)
or Amber (acvinchesi@ucanr.edu or 530-458-0575)

Soil, Water, and Pest Management Training for Field Workers in Spanish

Tuesday, March 24th, 2020 ~ 142A Garden Highway, Yuba City

Contact Sarah Light, Agronomy Advisor, with questions: selight@ucanr.edu ~ 530-822-7515

8:00 am Welcome and Registration

8:10 am *Agronomy and Pest Management*

Soil Management 101—Sarah Light, Agronomy Advisor

Nutrient cycling and fertility management; Soil biology; Soil disease management.

Integrated Pest Management 101—Luis Espino, Rice Advisor

Managing Pests in Agronomic Crops; scouting and pest thresholds; Avoiding pesticide resistance

9:35 am Discussion and Questions

10:05 am *Water Management*

Hydrology 101—Sam Sandoval, Cooperative Extension Specialist in Water Resources

California water; how water moves on farms; pesticide properties and movement in soil

Plant Water Relations 101—Kosana Suvocarev, Cooperative Extension Specialist in Biometerology

Evapotranspiration; Irrigation management; Plant, soil, and water relationships.

11:30 am Discussion and Questions

12:00 pm Lunch

Taller sobre suelos, agua, y plagas en español para trabajadores de campo

Martes 24 de Marzo, 2020 ~ 142A Garden Highway, Yuba City

Manden sus preguntas a Sarah Light, Agronomy Advisor: selight@ucanr.edu ~ 530-822-7515

8:00 am Bienvenida y registro

8:10 am *Agronomía y Manejo de Plagas*

Manejo de Suelos 101—Sarah Light, Agronomy Advisor, UCCE Sutter, Yuba, Colusa Counties

Ciclo de nutrientes y manejo de fertilidad; Biología de suelos, Manejo de patógenos de suelo

Manejo Integrado de Plagas 101—Luis Espino, Rice Advisor, UCCE Butte

Manejo de plagas; monitoreo y umbrales de daño; Manejo de resistencia a los pesticidas

9:35 am Discusión y Preguntas

10:05 am *Manejo de Agua*

Hidrología 101—Sam Sandoval, Cooperative Extension Specialist in Water Resources, UC Davis

Agua en California; movimiento de agua en la finca, propiedades de los pesticidas y su movimiento en suelos

Dinámica de Agua y Plantas 101—Kosana Suvocarev, Cooperative Extension Specialist in Biometerology

Evapotranspiración, manejo de agua de riego, Dinámica de suelos, plantas, y agua

11:30 am Discusión y Preguntas

12:00 pm Almuerzo



Workshop: Winter Nitrogen Management in Wheat
 Tuesday, March 31, 2020, 8:15 a.m. – 10:30 a.m.
 Intersection of County Rd 86 and County Rd 14, Esparto, CA
 GPS: 38.788309, -122.022779

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| 8:15 a.m. | Registration, light refreshments |
| 8:25 a.m. | Welcome and introduction <i>Konrad Mathesius, UCCE Agronomy Advisor, Yolo, Sacramento, and Solano</i> <i>Sarah Light, UCCE Agronomy Advisor, Sutter, Yuba, and Colusa</i> |
| 8:30 a.m. | Using N-rich reference zones to guide N fertilizer management in wheat <i>Mark Lundy, Assistant Cooperative Extension Specialist, UC Davis</i> |
| 9:00 a.m. | Soil nitrate quick test demonstration and data interpretation <i>Konrad Mathesius, UCCE Agronomy Advisor, Yolo, Sacramento, and Solano</i> <i>Sarah Light, UCCE Agronomy Advisor, Sutter, Yuba, and Colusa</i> |
| 9:20 a.m. | Using proximal sensing tools and technologies to determine in-season crop nitrogen status <i>Taylor Nelsen, Assistant Specialist in Department of Plant Sciences, UC Davis</i> |
| 9:40 a.m. | Case Study: Implementation of nitrogen management techniques and interpretation of site-specific conditions and real-time measurements <i>Mark Lundy, Assistant Cooperative Extension Specialist, UC Davis</i> <i>Konrad Mathesius, UCCE Agronomy Advisor, Yolo, Sacramento, and Solano</i> |
| 10:10 a.m. | Grower / CCA forum, survey, feedback, and discussion |
| 10:30 a.m. | Adjourn |

CE Credits*CCA: 1.5-2 (pending)**Cures: 1.5-2 (pending)*



healthy soils program

Grant Application Information

Applications will open the week of February 24th

The Healthy Soils Program funds projects that improve soil health farms and ranches. Applications will be accepted on a rolling basis until June 2020.

Award Amount: Up to \$100,000

Project Timeframe: Summer 2020 – Spring 2023

Eligible Practices Include: Compost Application, Reduced Tillage, Hedgerow Planting, Cover Cropping, Mulching, Range Planting, Silvopasture, and **Whole Orchard Recycling (NEWLY ADDED)**

Eligibility:

- California farmers and ranchers
- Projects must be on a California agricultural operation.
- All projects must implement at least one of the eligible agricultural management practices on fields where the practice was not implemented previously

To Apply, Applicants Need:

- A Tax ID# or SSN
- A letter of approval by the landowner to implement proposed practices (if leasing)
- To complete the web-based application at <https://www.cdfa.ca.gov/oefi/healthsoils/>

Please contact Emily Lovell of UCCE Sac/Yolo/Solano at ejlovell@ucdavis.edu or call 530-405-9777 for free application assistance.
