

BENEFITS OF Soil Management for Farming Systems

June 6, 2017
Tuesday
9am-1pm

UC West Side Research and Extension Center
Five Points, CA



For more info:
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(559) 303-9689

RSVP online:
<http://ucanr.edu/SoilMgmt>

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17353 W. Oakland Ave. Five Points, CA
CORNER OF OAKLAND & LASSEN AVENUES



CCA CEUs
2.5 Crop Management
2.0 Soil & Water Management

PCA CEUs
1.0 Other



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RESOURCE
CONSERVATION DISTRICTS

BENEFITS OF Soil Management for Farming Systems

You are invited to take part in a unique learning opportunity on June 6th!

...on how long-term use of soil health principles affect farming system function and performance in the Central Valley. These principles affect farming system function and performance in cover crops and compost. Science-based long-term research information as well as practical testimonies of experienced farmers will be key elements of the training curriculum.

The course will combine an integrated and systems-oriented approach for soil, crop, and pest management aimed at achieving healthy soil as an overall means for improving system performance, productivity, and function.

The program will feature all components of soil biology including bacteria, fungi, nematodes, and macrofauna, as well as soil carbon and nitrogen and related physical properties, and will provide hands-on learning activities on how the alternative management principles and practices may interact in ways to increase overall system resilience. Course instructors include several soil researchers from UC Davis, as well as 4 outstanding farmers and experienced private sector speakers who will share their knowledge and experience. The course will be conducted at an important long-term (18 yr) research study at the UC West Side Field Station in Five Points. A lunch will be provided and PCA and CCA continuing education credits will be available.

THE PROGRAM

- 9:00 am Scott Park**, Park Farming, Meridian, CA
How managing a farming system from an ecological framework impacts how resilience, pest management, profitability and overall success can be achieved
- 9:20 am Tom Willey**, T&D Willey Farms, Madera, CA
Soil biology and cropping system performance
- 9:40 am Alan Sano and Jesse Sanchez**, Sano Farms, Firebaugh, CA
Winter cover crops and reduced disturbance tillage
- 10:00 am Howard Ferris**, UC Davis
Soil biology and ecology
- 10:20 am Radomir Schmidt**, UC Davis
Soil bacteria, fungi and resilience
- 10:40 am Randy Southard**, UC Davis
Impacts of soil management in soil carbon and function
- 11:00 am Jeff Mitchell**, UC Davis
Productivity and economics of alternative soil management systems
- 11:40 am Kabir Zahangir**, USDA NRCS
Soil water capture and retention characteristics of alternative production practices
- 12:00 pm Alyssa DeVincentis and Sloane Rice**, UC Davis
Cover crops and water use
- 12:20 pm Jeff Mitchell**, UC Davis
Soil macrofauna
- 12:30 pm Kristen Murphy**, CARCD
The California Farm Demonstration Network
- 12:40 pm Entire presentation team** with audience participation discussion



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