

What is Sustainable Agriculture?

Farmers and ranchers around the world continue to develop new, innovative strategies to produce and distribute food, fuel and fiber sustainably. These diverse approaches all embrace SARE's 3 Pillars of Sustainability:

- **Profit** over the long-term
- **Stewardship** of the world's land, air and water
- **Quality of life** for farmers, ranchers and their communities

Workshop Planning Committee

Daniel Bloedel, Charlene Carr, Danise Coon, John Garlich, Rajan Ghimire, Katie Goetz, Vince Hernandez, John Idowu, Brian Schutte, Stephanie Walker

For information on SARE research & education projects and grant opportunities:

www.westernsare.org
www.sare.org

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The College of Agricultural, Consumer and Environmental Sciences is an engine for economic and community development in New Mexico, improving the lives of New Mexicans through academic, research, and Extension programs.

New Mexico State University is an equal opportunity/affirmative action employer and educator. NMSU and the U.S. Department of Agriculture cooperating.

NM Agriculture Sustainability Workshop



Online registration:

<https://rsvp.nmsu.edu/rsvp/sustainable2022>

June 27-29, 2022

Las Cruces Convention Center
680 E. University Ave.
Las Cruces, NM 88001



BE BOLD. Shape the Future.
**College of Agricultural, Consumer
and Environmental Sciences**

Monday, June 27, 2022

Las Cruces Convention Center (Rm 7 & 8)

Program Moderator: *Alexa Arnedo*

1:00 pm **Welcome and Opening Remarks**

1:15 pm **Sustainable Agriculture Concerns
in New Mexico**
Steve Kadas

Soil & Water:

1:45 pm **Soil Health and Carbon Sequestration**
Rajan Ghimire

2:15 pm **Cover Crops Options and Tillage
Impacts**
Kevin Branum

2:45 pm **Break**

3:00 pm **Biochar Production and Soil Application**
Catherine Brewer

3:30 pm **Irrigation: Water Quality & Testing**
Robert Flynn

4:00 pm **Discussion**

Tuesday, June 28, 2022

Jose Fernandez Garden (breakfast served at field)

Demonstrations - Measuring Soil Quality:

7:00 am **NRCS In-field Soil Health Assessment
& Aggregate Stability**
Kacey Myers

7:45 am **Penetrometer & Infiltrometer**
Mohammed Omer

8:00 am **Crimper & Strip Tiller**
Dave Lowry

Demonstrations - Irrigation Efficiency:

9:00 am **Drip Irrigation Systems**
John O'Byrne

9:30 am **Microsprinklers for Orchard Crops**
Richard Heerema

10:00 am **Weed Management at the JFG**
Danise Coon

Tuesday, June 28, 2022

Las Cruces Convention Center (Rm 7 & 8)

10:30 am **Discussion**

11:30 am **Lunch (served on site)**

Crop Selection:

1:00 pm **A Grower's Perspective on Sustainable Farming**
Ed Curry

2:00 pm **Crop Selection: Budgeting Considerations**
John Garlisch

Integrated Pest Management:

2:30 pm **Break**

2:45 pm **Beneficial Insects**
Miranda Kersten

3:15 pm **Weed Management**
Brian Schutte

3:45 pm **Discussion**

Wednesday, June 29, 2022

Fabian Garcia Science Center
(breakfast served at field)

7:00 am **Weed Walk & Identification**
Leslie Beck

7:45 am **Submitting Samples to the Plant Diagnostic Lab**
Phillip Lujan

Fabian Garcia Science Center

9:00 am **Onion Field Day**

12:00 pm **Adjourn**

If you are an individual with a disability who is in need of an auxiliary aid or service to participate in this program, please contact Monica Holguin at 575-646-1715 or mlholg@nmsu.edu.