Soil Health and Irrigation Water Management

Two in-the-vineyard tailgate sessions for Spanish - Speaking Vineyard Workers

FEATURING MIGUEL GARCIA, PHD, CCA

- **SOIL HEALTH TAILGATE**
  Thursday, December 9, 2021
  1:00 pm – 3:00 pm
- **IRRIGATION WATER MANAGEMENT TAILGATE**
  Friday, December 10, 2021
  1:00 pm – 3:00 pm

LOCATION
Beckstoffer Vineyards | Red Hills
850 Highway 29, Kelseyville

TOPICS TO BE DISCUSSED

SOIL HEALTH TAILGATE

- Soil formation
- Physical, chemical, and biological properties of soil
- Water infiltration retention
- Nutrient retention and cycling
- Functions of healthy soil
- How to improve and maintain proper soil health
- Principles of soil conservation
- Soil management practices that can negatively impact soil health
- Carbon sequestration

IRRIGATION WATER MANAGEMENT TAILGATE

- Soil properties that affect water infiltration/retention
- Limitations to water availability
- Use of soil moisture probes to determine water availability
- Technologies available to measure plant water stress and plant water usage
- Irrigation water management plan
- When to irrigate based on plant water usage
- How much to irrigate based on soil moisture content (plant available water)

MIGUEL GARCIA, PHD, CCA

Miguel is the Sustainable Ag Program Manager for the Napa Resource Conservation District. He provides on-farm technical assistance and planning related to soil health, nutrient management, erosion control, carbon sequestration, and irrigation management. Miguel is a certified crop adviser and has a PhD in Environmental Sciences and a B.S. in Chemistry from UC Riverside.

The Irrigation Water Management Tailgate will build off of information presented during the Soil Health Tailgate. While not required, it is highly recommended that participants attend both days.

Please RSVP to
mva@lakecountywinegrape.org
by December 1 with name, email, and phone number for each attendee.

These tailgate sessions are presented by Lake County Winegrape Commission in collaboration with Napa Resource Conservation District (RCD).