

## Extension Public Seminar Sustainable Agriculture with Artificial Intelligence

**Date:** April 5, 2023

**Location:** Loma Livestock Facility, 1369 12 1/2 Road, Loma, CO

**With:** University of California, Riverside, University of California ANR, Colorado State University, Kansas State University, University of Arizona

**Register on Eventbrite:** [bit.ly/LomaWorkshop](https://bit.ly/LomaWorkshop)



07:30 – 08:00 am	<b>Doors Open</b>
08:00 – 08:10 am	<b>Welcome Note</b> Perry Cabot Extension Professor Colorado State University
08:10 – 08:30 am	<b>Can Artificial Intelligence Improve Farming?</b> Elia Scudiero Associate Research Agronomist University of California Riverside USDA-ARS, U.S. Salinity Laboratory
08:30 – 09:00 am	<b>Deficit Irrigation Strategies for Alfalfa</b> Khaled Bali Statewide Irrigation Water Management Specialist Cooperative Extension University of California, Kearney Agricultural Research and Extension Center
09:00 – 09:30 am	<b>Implications of Salinity Management in Arizona and Colorado</b> Charles Sanchez Research Specialist Professor of Soil, Water and Environmental Science University of Arizona
09:30 – 10:15 am	<b>Artificial Intelligence for Water and Nutrient Management</b> Raj Khosla Professor of Precision Agriculture Head of the Department of Agronomy Kansas State University
10:15 – 10:30 am	<b>Break</b>

## Sustainable Agriculture with Artificial Intelligence

Loma, CO

10:30 – 10:45 am	<p><b>The Benefits of High-Resolution Soil Mapping for Decision-Making in Irrigation</b></p> <p>Elia Scudiero Associate Research Agronomist University of California Riverside and USDA-ARS, U.S. Salinity Laboratory</p>
10:45 – 11:15 am	<p><b>CropManage Decision Support Tool for Irrigation and Nutrient Management</b></p> <p>Michael Cahn Irrigation and Water Resources Advisor UC Cooperative Extension Monterey, Santa Cruz, and San Benito Counties</p>
11:15 – 11:30 am	<p><b>Equipment to Support Optimal Water Use and Precision Agriculture at WCRC</b></p> <p>Perry Cabot Extension Professor Colorado State University, Colorado Water Center</p>
11:30 – 11:45 am	<p><b>Serving the Needs of Precision Agriculture in Western Colorado</b></p> <p>Justin Anderson and Ray Hedgecoke Owners and Operators, Rize Precision Drone Services (Anderson) and Reinke Central Irrigation (Hedgecoke)</p>
11:45 – 12:30 pm	<p><b>Panel Discussions and Q&amp;A</b></p>
12:30 – 12:45 pm	<p><b>Closing Remarks</b></p> <p>Perry Cabot</p>
12:45 pm	<p><b>Lunch and Workshop Adjourn</b></p>

*This event is supported by the USDA National Institute of Food and Agriculture.*



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