UCCE Northern San Joaquin Valley CropManage Hands-on Workshop

Bringing Irrigation and Nutrient Management Decision-Support Tool to the Field

Date: Thursday, March 14, 2024

12:30pm – 5pm

Location: University of California Cooperative Extension-Stanislaus County

Harvest Hall, Room E

3800 Cornucopia Way, Modesto, CA 95358

- *Learn how to use CropManage to support irrigation and nutrient management decisions and record-keeping for your crops*
- *Learn about the latest updates to CropManage*

CropManage is a free online decision-support tool for water and nutrient management of vegetables, berry, agronomic, and tree crops. Based on in-depth research and field studies conducted by the University of California Cooperative Extension, CropManage provides real-time recommendations for efficient and timely irrigation and fertilization applications while maintaining or improving overall yield.

At this **free** workshop, we will provide hands-on training so that you can learn to use the newest version of CropManage. Crops currently supported include many vegetables (carrots, broccoli, lettuce, tomato, spinach, etc.), berry crops (raspberry and strawberry), tree crops (almond, walnut, and pistachio), and agronomic crops (alfalfa and corn). CropManage is now also available in Spanish.

Who should participate? Growers, farm managers, other farm staff, crop advisors, consultants, and technical service providers are welcome. The workshop is for both new and current CropManage users.

What to bring? This is a participatory workshop. Please bring a tablet or laptop computer so that you can follow along and participate in the exercises. Each participant will need a user account for CropManage. Please set up a **free user account** at https://cropmanage.ucanr.edu/ before the workshop.

Registration is free: Please register at https://surveys.ucanr.edu/survey.cfm?surveynumber=42205 by March 12, 2024. Seats are limited to the first 30 registrants.

Questions: Contact Dr. Zheng Wang at zzwwang@ucanr.edu or 209-525-6822.
            Dr. Moneim Mohamed at amohamed@ucanr.edu or 209-525-6812.
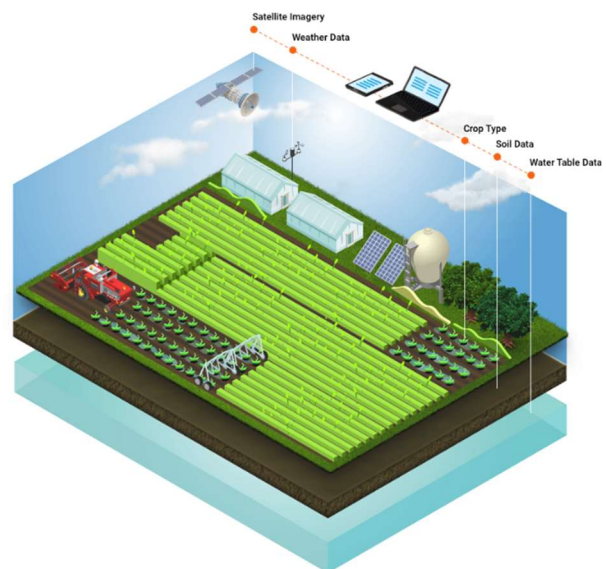
The agenda is on the other side.

Agenda

12:30 – 1:00   Registration and computer set-up
1:00 – 1:20   Introduction
1:20 – 2:30   Getting started with CropManage
2:30 – 2:40   BREAK
2:40 – 3:50   Using CropManage for decision support and record-keeping
3:50 – 4:00   BREAK
4:00 – 4:30   Advanced features and interfacing sensors with CropManage
4:30 – 5:00   Discussion of new features and Q&A

Continuing Education Units (CEU) for Certified Crop Advisors (CCA) have been applied.

How It Works

CropManage combines a wide variety of data inputs including past and future weather, evapotranspiration, satellite imagery, soil physical and chemical properties (texture, bulk density, nutrients), irrigation system efficiency, and other related variables to generate accurate and timely irrigation and fertilization recommendations based on crop-specific models.

CropManage can be used as a stand-alone, online decision support and operational task management tool, or can be integrated into other software applications via API connectivity. Furthermore, users can customize CropManage for the site-specific conditions of their farm or ranch, and the application can be integrated with infield soil moisture and flowmeter sensors.

Useful links to get you pre-familiarized the CropManage

CropManage Knowledge Base: https://help.cropmanage.ucanr.edu/tutorials/
An interface where you can check at any time to find CropManage tutorial guidance to trouble-shoot and more.

UCANR CropManage Blog: https://ucanr.edu/blogs/CropManage/index.cfm
A place where you get updates, seek help, and find tips of better use of CropManage