University of California
Agriculture and Natural Resources

Irrigation and Nutrient Management
and
CropManage Workshops

Date: May 20, 2022

8:30 AM- 12:00 PM: Irrigation and Nutrient Management Workshop

1:00 PPM -5:00 PM: CropManage Workshop

Location: UC Kearney Agricultural Research and Extension Center

9240 South Riverbend Ave, Parlier, CA 93648

Sponsors: UC ANR, UC Riverside and FREP

Registration: $25
(Includes lunch and access to one or both workshop)
http://ucanr.edu/irrigation-nutrient_workshop_payment

WORKSHOP AGENDA

Agenda Session I- Irrigation and Nutrient Management

8:00 – 8:30 AM: Registration

Moderator: Mae Culumber

8:30 – 8:35 am	Welcome and Updates on the new FREP-UCCE Irrigation and Nutrient Management Program (K. Bali)
8:35 – 9:00 am	Methods and tools for irrigation scheduling in tree crops ((D. Zaccaria)
9:00 – 9:30 am	Flow measurements in irrigated agriculture (L. Forero)
9:30 – 10:00 am	Water Budgeting: where to find the relevant information and how it all works together (K. Bali)
10:30- 10:15 am	Break
10:15- 10:45 am	Mapping soil characteristic for implementing precision irrigation management practices (E. Scudiero)
10:45- 11:15 am	Introduction to nutrient management for tree crops (M. Culumber)
11:15- 11:45 am	Introduction to CropManage (M. Cahn)
11:45 – 12:15 pm:	Questions & Answers

12:15- 1:00 pm - Lunch

Session II – CropManage Hands-on Workshop (1:00 – 5:00 pm)

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.

1:00 – 1:20 Sign-in and computer set-up**

1:20 – 1:35 Getting started with CropManage

1:35 – 2:45 Setting up ranches, orchards, and plantings

2:50 – 3:05 Break

3:05 – 3:50 Using CropManage for decision support and record-keeping

3:50 – 4:15 Group exercise

4:15- 4:40   Advanced features

4:40 – 5:00 Discussion /Q&A/ wrap up

5:00 pm - MEETING ADJOURN

** 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. Please arrive early to set up your laptop or tablet computer on the WiFi and get logged on to CropManage.

Not familiar with CropManage? Learn more by visiting the CropManage help page.

Questions:

Registration questions, please contact Terri Gonzalez gtgonzalez@ucanr.edu

Session I questions, please contact Khaled Bali kmbali@ucanr.edu or Mae Culumber

cmculumber@ucanr.edu

Session II questions, please contact Mike Cahn mdcahn@ucanr.edu

Session (List of speakers and email contacts:

1. Daniele Zaccaria – UC Davis: dzaccaria@ucdavis.edu
2. Catherine Mae Culumber – UCCE Fresno County: cmculumber@ucanr.edu
3. Khaled Bali- UC Kearney Agricultural Center; kmbali@ucanr.edu
4. Larry Forero- UCCE Shasta County; lcforero@ucanr.edu
5. Elia Scudiero – UC Riverside: elia.scudiero@ucr.edu
6. Mike Cahn – UCCE- Monterey County: mdcahn@ucanr.edu