

**Crop Manage Workshop
and
In-field training:
Using a pressure chamber for irrigation scheduling in trees and vines**

Register

Date: April 19th, 2023

8:00 AM- 12:30 PM: Crop Manage Workshop

12:30-1:15 pm Free Lunch

1:15 - 3:00 pm Hands-on pressure chamber training in trees and vines

Location: UC Kearney Agricultural Research and Extension Center

9240 South Riverbend Ave, Parlier, CA 93648

Sponsors: UC ANR and CDFA-FREP

Meeting Agenda

Session I – Crop Manage Hands-on Workshop

8:00 – 8:30 am: Registration and computer set-up**

8:30 – 9:00 am: Introductions

9:00 – 10:30 am: Getting started with CropManage

10:30-10:45 am Break

10:45 – 11:30 am Using CropManage for decision support and record-keeping

11:30 am – 12:15 pm Group exercise

12:15- 12:30 Questions & Answers

12:30- 1:15 pm - Lunch

Who should attend: Growers, farm managers and other farm staff, crop advisors, consultants, and technical service providers. The workshop is for new and existing CropManage users.

What to bring: This is a participatory workshop. Please arrive early and 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. Not familiar with CropManage? Learn more by visiting the [CropManage help page](#) or contact Mike Cahn mdcahn@ucanr.edu

[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.

Session II – In-field training with pressure chamber for irrigation scheduling

1:15 – 1:30 pm Principles of using the pressure chamber to measure plant water status.

1:30 - 3:00 pm UCCE Advisors provide in-field training on how to use a pressure chamber in almonds and vines.

*Equipment will be provided for the training

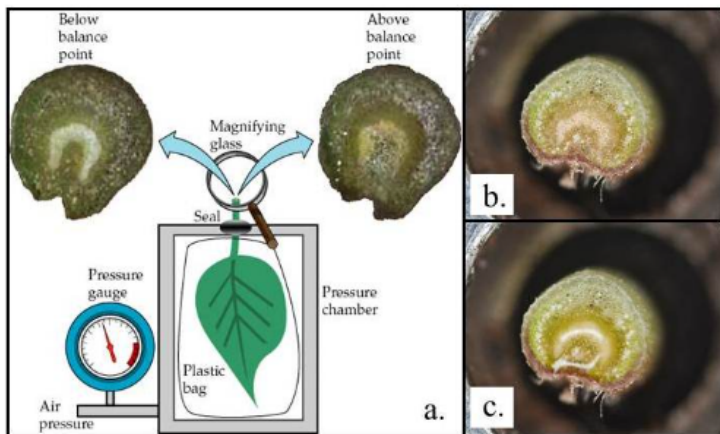


Figure 2. Cartoon depicting a pressure chamber used to measure the water tension force in a stem or leaf (water potential). A pressure chamber measures the force needed to push water out of a hydrated leaf (a). The reading on the pressure chamber when the dry petiole (b) moistens as a film of water is pushed out (c) provides an estimate of plant water potential.