

64th Weed Day

June 21, 2023 ■ Walter A. Buehler Alumni Center, UC Davis

- 8:00 Registration
- 8:30 Welcome, introductions and announcements ■ *Brad Hanson, UC Davis*
- 8:45 Buses depart Buehler Alumni Center

Field applied research and demonstrations—UC Davis Plant Sciences research fields

- STOP 1 9:00 Orchard weed extension opportunities for the San Joaquin Valley ■ *Jorge Angeles, UCCE Tulare-Fresno Counties*
- 9:15 Fluridone—efficacy and crop safety in pomegranate and other orchard crops ■ *Rohith Vulchi and Brad Hanson, UC Davis*
- 9:30 Effect of endothall-treated irrigation water on almond orchards ■ *Stephen Chang and Brad Hanson, UC Davis*
- 9:45 Demonstration of electrical weed control in orchard crops ■ *Tong Zhen and Brad Hanson, UC Davis*
- 10:15 IN-TRANSIT
- STOP 2 10:30 Western Region IR4 program overview ■ *Kari Arnold, Western Region IR4 at UC Davis*
- 10:45 Overview of approved chemigation strategies and current research on branched broomrape management in California processing tomatoes ■ *Matt Fatino and Brad Hanson, UC Davis*
- 11:00 Herbicide symptomology demonstration ■ *Brad Hanson and Seth Watkin, UC Davis*
- 11:15 Demonstration of machine-vision cultivators in processing tomato ■ *Steve Fennimore, UC Davis, and Scott Stoddard, UCCE Merced-Madera*
- 11:45 IN-TRANSIT
- 12:00 *Buffet lunch, view weed specimens, open discussion on weed topics*

Research presentations—AGR Room, Walter A. Buehler Alumni Center

- 1:00 Weed identification quiz ■ *Teri Barry, UC Davis*
- 1:10 Farm machinery sanitation: a way to control broomrape seed spreading ■ *Pershang Hosseini and Brad Hanson, UC Davis*
- 1:30 Orchard crop injury from simulated rice herbicide drift ■ *Deniz Inci and Kassim Al-Khatib, UC Davis*
- 1:50 Aquatic weed invasions: research updates ■ *Brenda Grewell, USDA-ARS Invasive Species and Pollinator Health Research Unit*
- 2:10 Evaluation of weed control efficacy and crop safety of the PPO-inhibiting herbicide tiafenacil in California orchard cropping systems ■ *Guelta Laguerre and Brad Hanson, UC Davis*
- 2:30 Break
- 2:45 Google weed view: A roadside weed detection and mapping technology ■ *Mohsen Mesgaran, UC Davis*
- 3:05 Evaluation of pendimethalin for water-seeded rice ■ *Aaron Becerra-Alvarez and Kassim Al-Khatib, UC Davis*
- 3:25 Evaluation of group 15 herbicides in tree nuts ■ *Andres Contreras and Brad Hanson, UC Davis*
- 3:45 Using virtual fencing for grazing-based weed management in rangelands ■ *Scott Oneto, UCCE Central Sierra*
- 4:05 Evaluation, adjourn ■ *Brad Hanson, UC Davis*