

62nd Annual Weed Day

July 12, 2018 ■ Walter A. Buehler Alumni Center, UC Davis

- 7:30 Registration
- 8:00 Welcome and announcements ■ *Brad Hanson, UC Davis*
- 8:15 Buses depart Buehler Alumni Center

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

- STOP 1** 8:30 Herbicide symptomology demonstration ■ *Brad Hanson and Seth Watkins, UC Davis*
 - 9:15 IN-TRANSIT
- STOP 2** 9:30 USDA-ARS Aquatic Weed Research Facility
 - *Welcome* and an overview of the USDA ARS aquatic weed research: ecology and management of invasive aquatic weeds ■ *Brenda Grewell and John Madsen, USDA-ARS*
 - *Aquatic weed identification* ■ *Ellen Dean and Teri Barry, UC Davis*
 - 10:00 IN-TRANSIT
- STOP 3** 10:10 Vineyard herbicide plots ■ *John Roncoroni, UCCE Napa and Mariano Galla, UCCE Glenn*
 - 10:35 Demonstration of the Acqua Knife waterjet cultivator ■ *Manu Fiorentini, ITekWine, Paso Robles*
 - 11:00 IN-TRANSIT
- STOP 4** 11:10 Orchard herbicide research ■ *Brad Hanson, Seth Watkins and Caio Brunharo, UC Davis*
 - 11:40 IN-TRANSIT
 - 12:00 *Buffet lunch, view weed specimens, open discussion on weed topics*

Research presentations—AGR Room, Buehler Alumni Center

- 1:00 Weed identification quiz ■ *Ellen Dean and Teri Barry, UC Davis*
- 1:20 Weed management in California beans ■ *Mariano Galla, UCCE Glenn*
- 1:40 Effects of saline irrigation water on saflufenacil partitioning in two California orchard soils ■ *Katie Martin and Brad Hanson, UC Davis*
- 2:00 Effect of elevated CO₂ levels and increased temperatures on glyphosate efficacy ■ *Maor Matzrafi and Marie Jasieniuk, UC Davis*
- 2:20 Respiratory protection for weed control personnel ■ *Lisa Blecker, UC IPM, UC ANR*
- 2:40 Break
- 3:00 Medusahead: Could a tree and vine herbicide be part of the solution? ■ *Tom Getts, UCCE Lassen*
- 3:20 California rice: Planting depth influences crop stand and weed control ■ *Alex Ceseski and Kassim Al-Khatib, UC Davis*
- 3:40 Time-specific weed management ■ *Mohsen Mesgaran, UC Davis*
- 4:00 What smartphone apps are available for weed ID and how good are they ■ *Lynn Sosnoskie, UCCE Merced*
- 4:20 Weed versus crop differentiation using a crop marking system with an intelligent cultivator ■ *HannahJoy Kennedy and Steve Fennimore, UC Davis*
- 4:40 Evaluation, adjourn