

61st Annual Weed Day

July 13, 2017 ■ Walter A. Buehler Alumni Center, UC Davis

- 7:30 Registration
- 8:00 Welcome and announcements ■ *John Madsen, USDA-ARS*
- 8:15 Buses depart Buehler Alumni Center

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

- STOP 1** 8:30 Crop signaling to differentiate crops from weeds ■ *David Slaughter, Steve Fennimore and HannahJoy Pheasant, UC Davis*
- 9:00 IR-4 Program overview and current herbicide research projects ■ *Brad Hanson, UC Davis*
- 9:20 Herbicide symptomology ■ *Brad Hanson, UC Davis*
- 9:40 IN-TRANSIT
- STOP 2** 10:00 USDA-ARS Aquatic Weed Research Facility
 - Welcome and an overview of the USDA ARS research: ecology and management of invasive aquatic weeds ■ *Brenda Grewell and John Madsen, USDA-ARS*
 - Aquatic weed identification ■ *Ellen Dean and Jean Shepard, UC Davis*
- 10:35 IN-TRANSIT
- STOP 3** 10:50 Vineyard weed control ■ *John Roncoroni, UCCE Napa*
- 11:10 IN-TRANSIT
- STOP 4** 11:25 Tree nut weed management ■ *Brad Hanson, UC Davis*
- 11:45 IN-TRANSIT
- 12:00 Buffet lunch, view weed specimens, open discussion on weed topics

Research presentations—AGR Room, Buehler Alumni Center

- 12:45 Weed identification quiz ■ *Ellen Dean and Jean Shepard, UC Davis*
- 1:00 Introduce the new UC Davis Plant Sciences Dept. Chair ■ *Joe DiTomaso, UC Davis*
- 1:05 Welcome from UC Davis Plant Sciences Dept. Chair ■ *Gail Taylor, UC Davis*
- 1:15 Glyphosate-resistant annual bluegrass in California: detection, mechanism of resistance and chemical management ■ *Caio Brunharo, Robert Tjandra, Sarah Morran, and Brad Hanson, UC Davis*
- 1:30 Hyperspectral technologies for assessing seed germination and herbicide response in *Amaranthus palmeri* ■ *Maor Matzrafi and Marie Jasieniuk, UC Davis*
- 1:45 Broad resistance to ACCase inhibitors in multiple herbicide resistant Italian ryegrass population in California ■ *Parsa Tehranchian and Marie Jasieniuk, UC Davis*
- 2:00 Proper Selection and use of Personal Protective Equipment (PPE) ■ *Lisa Blecker, UC IPM, UC Agricultural & Natural Resources*
- 2:15 Economic impacts of medusahead on beef cattle production ■ *Maddison Easley, UC Sierra Foothill Research & Extension Center*
- 2:30 Weed management in melons and sweetpotatoes, *Scott Stoddard, UCCE Madera-Merced*
- 2:45 Break
- 3:00 Recent issues regarding metolachlor ■ *Steve Blecker, CDFA*
- 3:15 Weedy Rice in California ■ *Whitney Brim-DeForest, UCCE Sutter-Yuba-Capitol Corridor*
- 3:30 Weedy or not? Genetic characterization of California weedy rice collections ■ *Teresa De Leon and Kassim Al-Khatib, UC Davis*
- 3:45 Weed control in garbanzo bean production ■ *Rachael Long, UCCE Yolo-Solano-Sacramento*
- 4:00 Glyphosate resistance in summer weeds of California specialty cropping systems ■ *Sarah Morran and Brad Hanson, UC Davis*
- 4:15 Evaluation of English walnut (*Juglans regia*) response to simulated drift rates of rice herbicides ■ *Mariano Galla, Kassim Al-Khatib and Brad Hanson, UC Davis*
- 4:30 Evaluation, adjourn