

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	IR-4 ■ <i>Brad Hanson, UC Davis</i>
	8:50	Herbicide symptomology ■ <i>Brad Hanson, UC Davis</i>
	9:10	IN-TRANSIT
STOP 2	9:30	USDA-ARS Aquatic Weed Research Facility <ul style="list-style-type: none">• Welcome and an overview of the USDA ARS research: ecology and management of invasive aquatic weeds ■ <i>Brenda Grewell and John Madsen, USDA-ARS</i>• Crop marking systems to improve automated intra-row weed removal in vegetables ■ <i>Dave Slaughter, Steve Fennimore and HannahJoy Pheasant, UC Davis</i>• Aquatic weed identification ■ <i>Ellen Dean and Jean Shepard, UC Davis</i>
	10:35	IN-TRANSIT
STOP 3	10:50	Vineyard weed control ■ <i>John Roncoroni, UCCE Napa</i>
	11:10	IN-TRANSIT
STOP 4	11:25	Tree nut weed management ■ <i>Brad Hanson, UC Davis</i>
	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 Plant Sciences Dept. Chair ■ *Joe DiTomaso, UC Davis*
- 1:05 Welcome from UC Davis Dept. of Plant Sciences ■ *Gail Taylor, UC Davis*
- 1:15 Glyphosate-resistant annual bluegrass in California: detection, mechanism of resistance and chemical management ■ *Caio Brunharo* and Brad Hanson, UC Davis*
- 1:30 Hyperspectral technologies for assessing seed germination and trifloxysulfuron-methyl response in *Amaranthus palmeri* (Palmer Amaranth) ■ *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 sweet potatoes, *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 Deleon* 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* and Kassim Al-Khatib, UC Davis*
- 4:30 Evaluation, adjourn