

# Agenda

## Day 1 ▪ Tuesday, August 20, 2019

12:30-1:30 PM	<i>Registration</i>	
1:15-1:30	<i>Introduction and announcements</i>	
1:30-2:15	General plant biology	Mohsen Mesgaran, UC Davis
2:15-3:05	Weed ecology: competition	Scott Steinmaus, Cal Poly San Luis Obispo
3:05-3:20	<i>Break</i>	
3:20-4:10	Weed seed biology	Steve Fennimore, UC Davis
4:10-4:55	Growth regulators	Kassim Al-Khatib, UC Davis
5:00-6:00 PM	<i>Social hour—light refreshments</i>	

## Day 2 ▪ Wednesday, August 21, 2019

8:00-8:05 AM	<i>Announcements</i>	
8:05-8:55	Lipid and amino acids synthesis inhibitors	Kassim Al-Khatib, UC Davis
8:55-9:25	Plant invasion biology and ecology	Mohsen Mesgaran, UC Davis
9:25-10:15	Physical control and other organic weed management strategies	Steve Fennimore, UC Davis
10:15-10:30	<i>Break</i>	
10:30-11:20	Cell division and cell wall inhibitors	Joe DiTomaso, UC Davis
11:20-12:05	Photosynthetic and pigment synthesis inhibitors and free radical generators	Kassim Al-Khatib, UC Davis
12:05-1:00 PM	<i>Lunch</i>	
1:00-1:30	Overview of aquatic weed management	John Madsen, USDA

<i>Breakout</i>	<b>GROUP A</b>	<b>GROUP B</b>
1:40-2:40	Grass and broadleaf ID Joe DiTomaso and Guy Kyser, UC Davis	Adjuvant demonstration Seth Gersdorf, Helena Agri-Enterprises
2:40-2:50	MOVE TO NEXT ROTATION	
2:50-3:50	Adjuvant demonstration Seth Gersdorf, Helena Agri-Enterprises	Grass and broadleaf ID Joe DiTomaso and Guy Kyser, UC Davis

3:50-3:55	RETURN TO LECTURE HALL	
3:55-4:45	Herbicide absorption, translocation and metabolism	Brad Hanson, UC Davis
4:45-4:55	<i>Closing remarks</i>	

## Day 3 ▪ Thursday, August 22, 2019

8:00-8:05 AM	<i>Announcements</i>	
	<b>Environmental impacts</b>	
8:05-8:55	▪ herbicide degradation and physical removal in soil	Brad Hanson, UC Davis
8:55-9:45	▪ ground water contamination and regulatory aspects	Murray Clayton, CA Dept. of Pesticide Regulation
9:45-10:25	▪ how do weeds and their control influence soil health	Amélie Gaudin, UC Davis
10:25-10:40	<i>Break</i>	
10:40-11:30	Herbicide resistance and tolerance mechanisms	Kassim Al-Khatib, UC Davis
11:30-12:10	Understanding molecular genetics—a key for weed management decisions	Marie Jasieniuk, UC Davis
12:10-1:00	<i>Lunch</i>	
<i>Breakout</i>	<b>GROUP A</b>	<b>GROUP B</b>
1:00-1:55	Spray nozzle demonstration John Roncoroni, UCCE Napa County	Herbicide symptomology lab Brad Hanson, UC Davis
1:55-2:00	MOVE TO NEXT ROTATION	
2:00-2:55	Herbicide symptomology lab Brad Hanson, UC Davis	Spray nozzle demonstration John Roncoroni, UCCE Napa County
2:55-3:00	RETURN TO LECTURE HALL	
3:00-3:30	Herbicide drift and the utility of the symptomology website	Kassim Al-Khatib, UC Davis
3:30-3:40	<i>Evaluation and wrap up</i>	