

Diagnosing Herbicide Symptoms 2018

July 10-11, 2018 ▪ UC Davis

Agenda

Day 1 ▪ Tuesday, July 10, 2018

1:00-1:30 PM	<i>Check in</i>	
1:30-2:00	Introduction and goals of the course	Brad Hanson
2:00-3:15	Herbicide mode of action and symptomology	Kassim Al-Khatib
3:15-3:30	<i>Break</i>	
3:30-4:30	Using symptomology tools to investigate herbicide damage	Kassim Al-Khatib
4:30-4:40	Closing remarks for Day 1	Brad Hanson
4:40-6:00 PM	Stay and talk to the experts (<i>light snacks provided</i>)	

Day 2 ▪ Wednesday, July 11, 2018

8:00-8:15 AM	Meet in the field (SITE 1)–coffee and morning pastries		
	Field symptomology demonstration		
	GROUP A	GROUP B	GROUP C
8:15-8:45 (30 mins.)	BLOCK 1 ▪ RONCORONI <i>Symptoms from herbicides that affect photosystem I, photosystem II, or that act by disrupting cell membranes</i>	BLOCK 2 ▪ HANSON <i>Symptoms from several classes of amino acid synthesis inhibiting herbicides on a range of annual crop species</i>	BLOCK 3 ▪ AL-KHATIB <i>Symptoms from herbicides that mimic plant hormones and the synthesis of fatty acids on a range of annual crop species</i>
8:45-8:50	Move to NEXT BLOCK		
8:50-9:20	BLOCK 2 ▪ HANSON	BLOCK 3 ▪ AL-KHATIB	BLOCK 1 ▪ RONCORONI
9:20-9:35	<i>BREAK</i>		
9:35-10:05	BLOCK 3 ▪ AL-KHATIB	BLOCK 1 ▪ RONCORONI	BLOCK 2 ▪ HANSON
10:05-10:10	Move to BLOCK 4		
10:10-10:40	BLOCK 4 ▪ HANSON <i>How timing of herbicide exposure can impact symptoms</i>		
10:40-11:00	DRIVE TO SITE 2		
11:00-11:30	SITE 2 ▪ HANSON <i>Symptoms from several herbicide modes of action on tree nuts</i>		
11:30-12:00	HEAD TO BOWLEY CENTER		
12:00-12:45	<i>Lunch</i>		
12:45-1:30	Field investigations		Brad Hanson
1:30-2:00	What happens during a field investigation		John Roncoroni
2:00-2:30	Crop injury lawsuits 101: what happens in an herbicide injury legal case?		TBA
2:30-2:45	<i>Break</i>		
2:45-3:30	Biotic and abiotic symptoms		Kassim Al-Khatib
3:30-4:15	Case studies		Brad Hanson
4:15-4:25	<i>Closing remarks and evaluation</i>		