

University of Wisconsin-Madison

Low Tunnel Herbicide Formulation Evaluations

Trial ID: 20-ARL-SB23 Location: Arlington, WI Trial Year: 2020
 Protocol ID: HD20USABP2 Investigator: Rodrigo Werle
 Project ID: Study Director: Sarah Striegel
 Sponsor Contact:

Reps: 3 Plots: 5 by 50 feet
 Appl. Amount: 15 GAL/AC Mix Size: 0.5 L (total for 3 plots; minimum=0.9776 L)

Trt No.	Treatment Name	Form Conc Unit	Form Type	Rate Unit	Appl Code	Comment 1	Amt Product to Measure	Rep 1	2	3
1	Untreated Check				AB	blank spray		101	207	303
2	MON 76980	350 gA/L	L	44 fl oz/a	AB		11.46 mL/mx	102	208	301
	MON 79789	540 gA/L	SL	64 fl oz/a	AB		16.67 mL/mx			
	MON 301656	43.2 %AW/W	XL	1 % v/v	AB		4.999 mL/mx			
3	MON 76980	350 gA/L	L	44 fl oz/a	AB		11.46 mL/mx	103	201	308
	MON 79789	540 gA/L	SL	64 fl oz/a	AB		16.67 mL/mx			
	MON 301656	43.2 %AW/W	XL	1 % v/v	AB		4.999 mL/mx			
	MON 51817	394 gA/L	SL	2 % v/v	AB		9.999 mL/mx			
4	MON 301822	424 gA/L	EW	46 fl oz/a	AB		11.98 mL/mx	104	202	305
	MON 79789	540 gA/L	SL	64 fl oz/a	AB		16.67 mL/mx			
5	MON 301859	409 gA/L	ME	48 fl oz/a	AB		12.5 mL/mx	105	206	307
	MON 79789	540 gA/L	SL	64 fl oz/a	AB		16.67 mL/mx			
6	MON 301621	564 gA/L	ME	128 fl oz/a	AB		33.33 mL/mx	106	205	304
7	MON 301848	645 gA/L	ME	110 fl oz/a	AB		28.65 mL/mx	107	203	306
8	MON 301848	645 gA/L	ME	110 fl oz/a	AB		28.65 mL/mx	108	204	302
	MON 51817	394 gA/L	SL	2 % v/v	AB		9.999 mL/mx			

Sort Order: Replicate 1

Product quantities required for listed treatments and applications of trials included in this table:

Amount*	Unit	Treatment Name	Form Conc	Form Unit	Form Type	Lot Code
57.292	mL	MON 76980	350	gA/L	L	
166.667	mL	MON 79789	540	gA/L	SL	
24.997	mL	MON 301656	43.2	%AW/W	XL	
49.995	mL	MON 51817	394	gA/L	SL	
29.948	mL	MON 301822	424	gA/L	EW	
31.250	mL	MON 301859	409	gA/L	ME	
83.333	mL	MON 301621	564	gA/L	ME	
143.229	mL	MON 301848	645	gA/L	ME	

* 'Per area' calculations based on application amount= 15 GAL/AC, mix size= 0.5 L (mix size basis).

* Product amount calculations increased 25 % for overage adjustment.

* 'Per volume' calculations use spray volume= 15 GAL/AC, mix size= 0.5 L.

* Adjusted for multiple applications in treatment list.