

# University of Wisconsin-Madison

## Low Tunnel Test 3 : Comparison of XtendiMax and Roundup Xtend II Tank Mixed with Liberty alone and in Combination with MON 51817

Trial ID: 20-ARL-SB22 Location: Arlington, WI Trial Year: 2020  
 Protocol ID: 2020-01-B7-19 Investigator: Daniel B. Reynolds  
 Project ID: Study Director:  
 Sponsor Contact:

Reps: 3

Plots: 4 by 50 feet

Appl. Amount: 15 GAL/AC

Mix Size: 500 mL (total for 3 plots; minimum=782 mL)

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Appl Code	Amt Product to Measure	Rep 1	2	3
1	XtendiMax with Vaporgrip	2.9 LBAE/GAL	EC		44 fl oz/a	AB	11.46 mL/mx	101	213	304
	Roundup PowerMax	4.5 LBAE/GAL	SC		64 fl oz/a	AB	16.67 mL/mx			
	No Liberty 280 SL					AB				
	No MON 51817 - VaporGrip	50 %W/W	SL		0 fl oz/a	AB				
2	XtendiMax with Vaporgrip	2.9 LBAE/GAL	EC		44 fl oz/a	AB	11.46 mL/mx	102	205	308
	Roundup PowerMax	4.5 LBAE/GAL	SC		64 fl oz/a	AB	16.67 mL/mx			
	No Liberty 280 SL					AB				
	MON 51817 - VaporGrip	50 %W/W	SL		40 fl oz/a	AB	10.42 mL/mx			
3	XtendiMax with Vaporgrip	2.9 LBAE/GAL	EC		44 fl oz/a	AB	11.46 mL/mx	103	206	305
	Roundup PowerMax	4.5 LBAE/GAL	SC		64 fl oz/a	AB	16.67 mL/mx			
	No Liberty 280 SL					AB				
	MON 51817 - VaporGrip	50 %W/W	SL		80 fl oz/a	AB	20.83 mL/mx			
4	XtendiMax with Vaporgrip	2.9 LBAE/GAL	EC		44 fl oz/a	AB	11.46 mL/mx	104	202	310
	Roundup PowerMax	4.5 LBAE/GAL	SC		64 fl oz/a	AB	16.67 mL/mx			
	Liberty 280 SL	2.34 LBA/GAL	SL		64 fl oz/a	AB	16.67 mL/mx			
	No MON 51817 - VaporGrip	50 %W/W	SL		0 fl oz/a	AB				
5	XtendiMax with Vaporgrip	2.9 LBAE/GAL	EC		44 fl oz/a	AB	11.46 mL/mx	105	210	312
	Roundup PowerMax	4.5 LBAE/GAL	SC		64 fl oz/a	AB	16.67 mL/mx			
	Liberty 280 SL	2.34 LBA/GAL	SL		64 fl oz/a	AB	16.67 mL/mx			
	MON 51817 - VaporGrip	50 %W/W	SL		40 fl oz/a	AB	10.42 mL/mx			
6	XtendiMax with Vaporgrip	2.9 LBAE/GAL	EC		44 fl oz/a	AB	11.46 mL/mx	106	209	311
	Roundup PowerMax	4.5 LBAE/GAL	SC		64 fl oz/a	AB	16.67 mL/mx			
	Liberty 280 SL	2.34 LBA/GAL	SL		64 fl oz/a	AB	16.67 mL/mx			
	MON 51817 - VaporGrip	50 %W/W	SL		80 fl oz/a	AB	20.83 mL/mx			
7	MON 301286 - RupXtend II VGrip	4 LBAE/GAL	SL		96 fl oz/a	AB	25.0 mL/mx	107	201	309
	No Liberty 280 SL					AB				
	No MON 51817 - VaporGrip	50 %W/W	SL		0 fl oz/a	AB				
8	MON 301286 - RupXtend II VGrip	4 LBAE/GAL	SL		96 fl oz/a	AB	25.0 mL/mx	108	211	301
	No Liberty 280 SL					AB				
	MON 51817 - VaporGrip	50 %W/W	SL		40 fl oz/a	AB	10.42 mL/mx			
9	MON 301286 - RupXtend II VGrip	4 LBAE/GAL	SL		96 fl oz/a	AB	25.0 mL/mx	109	204	302
	No Liberty 280 SL					AB				
	MON 51817 - VaporGrip	50 %W/W	SL		80 fl oz/a	AB	20.83 mL/mx			
10	MON 301286 - RupXtend II VGrip	4 LBAE/GAL	SL		96 fl oz/a	AB	25.0 mL/mx	110	203	306
	Liberty 280 SL	2.34 LBA/GAL	SL		64 fl oz/a	AB	16.67 mL/mx			
	No MON 51817 - VaporGrip	50 %W/W	SL		0 fl oz/a	AB				
11	MON 301286 - RupXtend II VGrip	4 LBAE/GAL	SL		96 fl oz/a	AB	25.0 mL/mx	111	212	307
	Liberty 280 SL	2.34 LBA/GAL	SL		64 fl oz/a	AB	16.67 mL/mx			
	MON 51817 - VaporGrip	50 %W/W	SL		40 fl oz/a	AB	10.42 mL/mx			
12	MON 301286 - RupXtend II VGrip	4 LBAE/GAL	SL		96 fl oz/a	AB	25.0 mL/mx	112	208	313
	Liberty 280 SL	2.34 LBA/GAL	SL		64 fl oz/a	AB	16.67 mL/mx			
	MON 51817 - VaporGrip	50 %W/W	SL		80 fl oz/a	AB	20.83 mL/mx			
13	Untreated Check					AB		113	207	303

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
171.875	mL	XtendiMax with Vaporgrip	2.9	LBAE/GAL	EC	
250.000	mL	Roundup PowerMax	4.5	LBAE/GAL	SC	
312.500	mL	MON 51817 - VaporGrip	50	%W/W	SL	
250.000	mL	Liberty 280 SL	2.34	LBA/GAL	SL	
375.000	mL	MON 301286 - RupXtend II VGrip	4	LBAE/GAL	SL	

\* 'Per area' calculations based on application amount= 15 GAL/AC, mix size= 500 mL (mix size basis).

\* Product amount calculations increased 25 % for overage adjustment.

\* Adjusted for multiple applications in treatment list.