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 Year: 2020

Trial ID: 20-ARL-SB22 Protocol ID: 2020-01-B7-19 Project ID:

Location: Arlington, WI Investigator: Daniel B. Reynolds Study Director: Sponsor Contact:

Reps: 3

Plots: 4 by 50 feet
Mix Size: 500 mL (total for 3 plots; minimum=782 mL)

Trit Treatment Form Form Form Rate Appl Amt Product Rep	Appl.	mount: 15 GAL/AC Mix Size: 500 mL (total for 3 plots; minimum=782 mL)										
1 XtendiMax with Vaporgrip Roundup PowerMax A.5 LBAE/GAL SC 64 fl oz/a AB 11.46 mL/mx 101 213 304 304 305 308 30	Trt	Treatment	Form Fo	rm	Form		Rate	Appl	Amt Product	Rep		
Roundup PowerMax A.5 LBAE/GAL SC 64 fl oz/a AB AB AB AB AB AB AB AB	No.	Name	Conc Un	it	Type	Rate	Unit	Code	to Measure	1	2	3
2 XtendiMax with Vaporgrip Roundup PowerMax 4.5 LBAE/GAL SC 44 fl oz/a AB 11.46 mL/mx 102 205 308 No Liberty 280 SL MON 51817 - VaporGrip 50 %W/W SL 40 fl oz/a AB 10.42 mL/mx 103 206 305	1	Roundup PowerMax No Liberty 280 SL	4.5 LB	AE/GAL	SC	64	fl oz/a	AB AB		101	213	304
Roundup PowerMax	2	XtendiMax with Vaporgrip Roundup PowerMax No Liberty 280 SL	4.5 LB	AE/GAL	SC	64	fl oz/a	AB AB	16.67 mL/mx	102	205	308
Roundup PowerMax	3	Roundup PowerMax No Liberty 280 SL	4.5 LB	AE/GAL	SC	64	fl oz/a	AB AB	16.67 mL/mx	103	206	305
Roundup PowerMax	4	Roundup PowerMax Liberty 280 SL	4.5 LB 2.34 LB	AE/GAL A/GAL	SC SL	64 64	fl oz/a fl oz/a	AB AB	16.67 mL/mx	104	202	310
Roundup PowerMax Liberty 280 SL Liberty 280 SL Liberty 280 SL So WW/W SL So fl oz/a AB 16.67 mL/mx 16.67 mL/mx 107 201 309	5	Roundup PowerMax Liberty 280 SL	4.5 LB 2.34 LB	AE/GAL A/GAL	SC SL	64 64	fl oz/a fl oz/a	AB AB	16.67 mL/mx 16.67 mL/mx	105	210	312
No Liberty 280 SL No MON 51817 - VaporGrip 50 %W/W SL 0 fl oz/a AB 25.0 mL/mx 108 211 301	6	Roundup PowerMax Liberty 280 SL	4.5 LB 2.34 LB	AE/GAL A/GAL	SC SL	64 64	fl oz/a fl oz/a	AB AB	16.67 mL/mx 16.67 mL/mx	106	209	311
No Liberty 280 SL MON 51817 - VaporGrip 50 %W/W SL 40 fl oz/a AB 10.42 mL/mx 9 MON 301286 - RupXtend II VGrip A LBAE/GAL SL 96 fl oz/a AB 25.0 mL/mx 109 204 302 302 302 304 305 305 306 305 306 305 306 305 306 305 306 305 306 305 306 305 306 305 306 305 306 305 306 305 305 306 305 3	7	No Liberty 280 SL						AB	25.0 mL/mx	107	201	309
No Liberty 280 SL MON 51817 - VaporGrip 50 %W/W SL 80 fl oz/a AB 20.83 mL/mx	8	No Liberty 280 SL						AB		108	211	301
Liberty 280 SL No MON 51817 - VaporGrip 2.34 LBA/GAL SL SL O fl oz/a AB O fl oz/a AB 16.67 mL/mx 11 MON 301286 - RupXtend II VGrip Liberty 280 SL MON 51817 - VaporGrip 4 LBAE/GAL SL 96 fl oz/a AB 16.67 mL/mx 111 212 307 2.34 LBA/GAL SL 40 fl oz/a AB 10.42 mL/mx 111 212 307 2.34 LBA/GAL SL 96 fl oz/a AB 10.42 mL/mx 111 212 307 2.34 LBA/GAL SL 96 fl oz/a AB 10.42 mL/mx 112 208 313 2.34 LBA/GAL SL 64 fl oz/a AB 16.67 mL/mx 112 208 313 2.34 LBA/GAL SL MON 51817 - VaporGrip 50 %W/W SL 80 fl oz/a AB 20.83 mL/mx 20.	9	No Liberty 280 SL						AB		109	204	302
Liberty 280 SL	10	Liberty 280 SL	2.34 LB	A/GAL	SL	64	fl oz/a	AB		110	203	306
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	11	Liberty 280 SL	2.34 LB	A/GAL	SL	64	fl oz/a	AB	16.67 mL/mx	111	212	307
13 Untreated Check AB 113 207 303	12	Liberty 280 SL	2.34 LB	A/GAL	SL	64	fl oz/a	AB	16.67 mL/mx	112	208	313
	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:

A 4*	1.1	To a to a set Name	F	F 1 1 24	C T	1 -4 0 - 1 -
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	

^{* &#}x27;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.