

University of Wisconsin-Madison

Low Tunnel Volatility Evaluation of Roundup Xtend II and Roundup Xtend II Complete Alone and in Combination with Liberty

Trial ID: 2019-01-B7-10 Location: Trial Year: 2019
 Protocol ID: 2019-01-B7-10 Investigator: Daniel B. Reynolds
 Project ID: Study Director:
 Sponsor Contact:

Reps: 3 Plots: 10 by 50 feet
 Spray vol: 15 GAL/AC Mix Size: 0.5 GAL (total for 3 plots; minimum=0.5165 GAL)

Trt No.	Treatment Name	Form Conc	Form Unit	Description	Rate Rate Unit	Other Rate	Other Rate Unit	Form Type	Amt Product to Measure	Rep 1	2	3
1	XtendiMax with VaporGrip Roundup PowerMax MON 51817 - VaporGrip Intact	2.9 LBAE/GAL 4.5 LBAE/GAL 50 %W/W 43.18 %		dicamba (DGA Sa K salt - glypho K - acetate guar gum	88 fl oz/a 128 fl oz/a 4 % v/v 2 % v/v	2 lb ae/a 4.5 lb ae/a		EC SC SL SL	86.75 mL/mx 126.2 mL/mx 75.7 mL/mx 37.85 mL/mx	101	202	305
2	MON 301621 - RupXtend II Complete	3.25 LBAE/GAL		MEA-dicamba+MEA-glyphosat	256 fl oz/a	6.5 lb ae/a		SC	252.4 mL/mx	102	207	307
3	MON 301621 - RupXtend II Complete Liberty 280 SL	3.25 LBAE/GAL 2.34 LBA/GAL		MEA-dicamba+MEA-glyphosat glufosinate	256 fl oz/a 128 fl oz/a	6.5 lb ae/a 2.34 lb ae/a		SC SL	252.4 mL/mx 126.2 mL/mx	103	208	306
4	MON 119151 - RupXtend II VGrip	4 LBAE/GAL		MEA dicamba + M	192 fl oz/a	6 lb ae/a		SL	189.3 mL/mx	104	205	303
5	MON 119151 - RupXtend II VGrip MON 51817 - VaporGrip	4 LBAE/GAL 50 %W/W		MEA dicamba + M K - acetate	192 fl oz/a 4 % v/v	6 lb ae/a		SL SL	189.3 mL/mx 75.7 mL/mx	105	203	304
6	MON 119151 - RupXtend II VGrip Liberty 280 SL	4 LBAE/GAL 2.34 LBA/GAL		MEA dicamba + M glufosinate	192 fl oz/a 128 fl oz/a	6 lb ae/a 2.34 lb ae/a		SL SL	189.3 mL/mx 126.2 mL/mx	106	201	308
7	MON 119151 - RupXtend II VGrip Liberty 280 SL MON 51817 - VaporGrip Intact	4 LBAE/GAL 2.34 LBA/GAL 50 %W/W 43.18 %		MEA dicamba + M glufosinate K - acetate guar gum	192 fl oz/a 128 fl oz/a 4 % v/v 2 % v/v	6 lb ae/a 2.34 lb ae/a		SL SL SL SL	189.3 mL/mx 126.2 mL/mx 75.7 mL/mx 37.85 mL/mx	107	206	301
8	Untreated Check			not treated						108	204	302

Sort Order: Treatment

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
104.099	mL	XtendiMax with VaporGrip	2.9	LBAE/GAL	EC	
151.416	mL	Roundup PowerMax	4.5	LBAE/GAL	SC	
272.520	mL	MON 51817 - VaporGrip	50	%W/W	SL	
90.840	mL	Intact	43.18	%	SL	
605.665	mL	MON 301621 - RupXtend II Complete	3.25	LBAE/GAL	SC	
454.249	mL	Liberty 280 SL	2.34	LBA/GAL	SL	
908.498	mL	MON 119151 - RupXtend II VGrip	4	LBAE/GAL	SL	

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

* Product amount calculations increased 20 % for overage adjustment.

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