

# Ohio State University Horticulture and Crop Science

Control of Roundup Ready Volunteer Corn in Rounup Ready Soybeans

Trial ID: 09VOLCORN      Protocol ID: 09VOLCORN  
 Location: Western Branch      Study Director: Bryan Reeb  
 Project ID: 09VOLCORN      Investigator: Dr. Mark M. Loux  
 Sponsor Contact: Gowan

Reps: 3		Plots: 6.67 by 30 feet												
Spray vol: 20 gal/ac		Mix size: 0.33 gallons (min .27562)												
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Other Rate	Other Unit	Appl Code	Amt to Measure	Product	Plot No.	Rep. 1	2	3
1	Targa	0.88	EC	0.0344	lb ai/a	5	oz/a	A	2.441	ml/mx	101	208	307	
	Durango DMA	4	SL	0.75	lb ae/a	24	oz/a		11.71	ml/mx				
	N-PAK AMS	100	L	3.75	% v/v	3	qt/a		46.84	ml/mx				
	NIS	100	SL	0.125	% v/v	0.1	qt/a		1.561	ml/mx				
2	Targa	0.88	EC	0.0275	lb ai/a	4	oz/a		1.952	ml/mx	102	206	301	
	Durango DMA	4	SL	0.75	lb ae/a	24	oz/a		11.71	ml/mx				
	N-PAK AMS	100	L	3.75	% v/v	3	qt/a		46.84	ml/mx				
	NIS	100	SL	0.125	% v/v	0.1	qt/a		1.561	ml/mx				
3	Select	2	EC	0.0625	lb ai/a	4	oz/a		1.952	ml/mx	103	207	308	
	Durango DMA	4	SL	0.75	lb ae/a	24	oz/a		11.71	ml/mx				
	N-PAK AMS	100	L	3.75	% v/v	3	qt/a		46.84	ml/mx				
	NIS	100	SL	0.125	% v/v	0.1	qt/a		1.561	ml/mx				
4	Select	2	EC	0.094	lb ai/a	6	oz/a		2.935	ml/mx	104	203	306	
	Durango DMA	4	SL	0.75	lb ae/a	24	oz/a		11.71	ml/mx				
	N-PAK AMS	100	L	3.75	% v/v	3	qt/a		46.84	ml/mx				
	NIS	100	SL	0.125	% v/v	0.1	qt/a		1.561	ml/mx				
5	Fusion	2.66	L	0.083	lb ai/a	4	oz/a		1.949	ml/mx	105	201	302	
	Durango DMA	4	SL	0.75	lb ae/a	24	oz/a		11.71	ml/mx				
	N-PAK AMS	100	L	3.75	% v/v	3	qt/a		46.84	ml/mx				
	NIS	100	SL	0.125	% v/v	0.1	qt/a		1.561	ml/mx				
6	Select Max	1	EC	0.0625	lb ai/a	8	oz/a		3.903	ml/mx	106	205	303	
	Durango DMA	4	SL	0.75	lb ae/a	24	oz/a		11.71	ml/mx				
	N-PAK AMS	100	L	3.75	% v/v	3	qt/a		46.84	ml/mx				
7	Select Max	1	EC	0.0625	lb ai/a	8	oz/a		3.903	ml/mx	107	204	305	
	Durango DMA	4	SL	0.75	lb ae/a	24	oz/a		11.71	ml/mx				
	N-PAK AMS	100	L	3.75	% v/v	3	qt/a		46.84	ml/mx				
	Superb HC	100	L	0.5	% v/v	0.4	qt/a		6.245	ml/mx				
8	UTC										108	202	304	

Sort Order: Replicate 1

Product quantities required for listed treatments and applications in one trial:

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
5.491	ml	Targa	.88	EC	
102.461	ml	Durango DMA	4	SL	
409.845	ml	N-PAK AMS	100	L	
9.758	ml	NIS	100	SL	
6.109	ml	Select	2	EC	
2.436	ml	Fusion	2.66	L	
9.758	ml	Select Max	1	EC	
7.807	ml	Superb HC	100	L	

\* 'Per area' calculations based on spray volume= 20 gal/ac, mix size= 0.33 gallons (mix size basis).

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

\* 'Per volume' calculations use spray volume= 20 gal/ac, mix size= 0.33 gallons.