

# Ohio State University Horticulture and Crop Science

Trial ID: 09PRPOS2      Protocol ID: 09PRPOS2  
 Location: Western Branch      Study Director: Bryan Reeb  
 Project ID: 09PRPOS2      Investigator: Dr. Mark M. Loux  
 Sponsor Contact: Jim B, Robert H, Bruce M

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	Form Unit	Rate	Other Unit	Other Rate	Other Unit	Growth Stage	Appl Code	Amt to Measure	Product Measure	Plot No. Rep. 1	2	3
1	METRIBUZIN GLYFOS X-TRA	75 4	WDG SL	0.50 1	lb ai/a lb ai/a	10.7 32	oz/a fl oz/a			PRE 42	A DAPL	4.989 15.61	g/mx ml/mx	101	207	305
2	METRIBUZIN GLYFOS X-TRA	75 4	WDG SL	1.00 1	lb ai/a lb ai/a	21.3 32	oz/a fl oz/a			PRE 42	A DAPL	9.979 15.61	g/mx ml/mx	102	212	301
3	METRIBUZIN PROWL H2O GLYFOS X-TRA	75 3.8 4	WDG CS SL	0.50 1.07 1	lb ai/a lb ai/a lb ai/a	10.7 36 32	oz/a fl oz/a fl oz/a			PRE PRE 42	A A DAPL	4.989 17.59 15.61	g/mx ml/mx ml/mx	103	206	302
4	CHA-019 GLYFOS X-TRA	4.5 4	ME SL	1.13 1	lb ai/a lb ai/a	32 32	fl oz/a fl oz/a			PRE 42	A DAPL	15.68 15.61	ml/mx ml/mx	104	201	304
5	SENCOR GLYFOS X-TRA	75 4	DF SL	0.50 1	lb ai/a lb ai/a	10.7 32	oz/a fl oz/a			PRE 42	A DAPL	4.989 15.61	g/mx ml/mx	105	210	308
6	Sonic Durango DMA N-PAK AMS	70 4 100	DF SL L	0.131 0.75 5	lb ai/a lb ae/a % v/v	3 24 4	oz/a oz/a qt/a			PRE POST	A B	1.401 11.71 62.45	g/mx ml/mx ml/mx	106	208	311
7	Sonic Durango DMA N-PAK AMS	70 4 100	DF SL L	0.197 0.75 5	lb ai/a lb ae/a % v/v	4.5 24 4	oz/a oz/a qt/a			PRE POST	A B	2.106 11.71 62.45	g/mx ml/mx ml/mx	107	204	303
8	Firstrate Durango DMA N-PAK AMS Durango DMA N-PAK AMS	84 4 100 4 100	WG SL L SL L	0.0158 0.75 5 0.75 5	lb ai/a lb ae/a % v/v lb ae/a % v/v	0.3 24 4 24 4	oz/a oz/a qt/a oz/a qt/a			PRE POST LAPO	A B D	0.1408 11.71 62.45 11.71 62.45	g/mx ml/mx ml/mx ml/mx ml/mx	108	205	310
9	Authority Assist Roundup Power Max N-PAK AMS	4 4.5 100	L SL L	0.156 0.77 5	lb ai/a lb ae/a % v/v	5 22 4	oz/a oz/a qt/a			PRE POST	A B	2.436 10.69 62.45	ml/mx ml/mx ml/mx	109	211	309
10	Cadet Roundup Power Max N-PAK AMS NIS	10 4.5 100 100	EC SL L SL	0.047 0.56 5 0.125	lb ai/a lb ae/a % v/v % v/v	0.6 16 4 0.1	oz/a oz/a qt/a qt/a			POST	B	0.2935 7.772 62.45 1.561	ml/mx ml/mx ml/mx ml/mx	110	203	307
11	Valor XLT @ 3oz Valor SX Classic Roundup Power Max N-PAK AMS	51 25 4.5 100	WG DF SL L	0.056 0.0194 0.77 5	lb ai/a lb ai/a lb ae/a % v/v	1.76 1.24 22 4	oz/a oz/a oz/a qt/a			PRE POST	A B	0.8218 0.5808 10.69 62.45	g/mx g/mx ml/mx ml/mx	111	202	312
12	UTC													112	209	306

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
24.947 g		METRIBUZIN	75	WDG	

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Reps: 3      Plots: 6.67 by 30 feet  
 Spray vol: 20 gal/ac      Mix size: 0.33 gallons (min .27562)

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

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
97.582	ml	GLYFOS X-TRA	4	SL	
21.982	ml	PROWL H20	3.8	CS	
19.603	ml	CHA-019	4.5	ME	
6.237	g	SENCOR	75	DF	
4.384	g	Sonic	70	DF	
58.549	ml	Durango DMA	4	SL	
546.459	ml	N-PAK AMS	100	L	
0.176	g	Firstrate	84	WG	
3.045	ml	Authority Assist	4	L	
36.431	ml	Roundup Power Max	4.5	SL	
0.367	ml	Cadet	10	EC	
1.952	ml	NIS	100	SL	
1.027	g	Valor SX	51	WG	
0.726	g	Classic	25	DF	

\* '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.