

Ohio State University Horticulture and Crop Science

Ignite Burndown

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

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	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Amt to Measure	Product	Plot No. Rep. 1	2	3
1	UTC											101	210	307
2	Ignite	2.34	SL	0.402	lb ai/a	22	oz/a	PRE	A	10.73	ml/mx	102	207	310
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	PRE		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	EPO	B	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	EPO		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	MPO	C	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	MPO		31.23	ml/mx			
3	Ignite	2.34	SL	0.53	lb ai/a	29	oz/a	PRE	A	14.15	ml/mx	103	212	302
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	PRE		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	EPO	B	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	EPO		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	MPO	C	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	MPO		31.23	ml/mx			
4	Ignite	2.34	SL	0.53	lb ai/a	29	oz/a	PRE	A	14.15	ml/mx	104	205	311
	2,4-D Ester	4	SC	0.5	lb ai/a	1	pt/a	PRE		7.807	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	PRE		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	EPO	B	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	EPO		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	MPO	C	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	MPO		31.23	ml/mx			
5	Ignite	2.34	SL	0.53	lb ai/a	29	oz/a	PRE	A	14.15	ml/mx	105	206	301
	Valor XLT @ 3oz							PRE						
	Valor SX	51	WG	0.056	lb ai/a	1.76	oz/a	PRE		0.8218	g/mx			
	Classic	25	DF	0.0194	lb ai/a	1.24	oz/a	PRE		0.5808	g/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	PRE		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	EPO	B	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	EPO		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	MPO	C	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	MPO		31.23	ml/mx			
6	Ignite	2.34	SL	0.53	lb ai/a	29	oz/a	PRE	A	14.15	ml/mx	106	203	308
	Canopy	75	DF	0.188	lb ai/a	4	oz/a	PRE		1.876	g/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	PRE		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	EPO	B	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	EPO		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	MPO	C	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	MPO		31.23	ml/mx			
7	Ignite	2.34	SL	0.402	lb ai/a	22	oz/a	PRE	A	10.73	ml/mx	107	209	305
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	PRE		10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	PRE		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	EPO	B	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	EPO		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	MPO	C	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	MPO		31.23	ml/mx			
8	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	PRE		10.69	ml/mx	108	201	309
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	PRE		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	EPO	B	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	EPO		31.23	ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	MPO	C	10.69	ml/mx			

Ohio State University Horticulture and Crop Science

Ignite Burndown

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

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	Growth Stage	Appl Code	Amt to Measure	Product	Plot No.	Rep. 1	2	3
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	MPO			31.23 ml/mx				
9	Canopy EX @ 1.1oz							PRE	A			109	208	312	
	Classic	25	DF	0.0156	lb ai/a	1	oz/a	PRE			0.467 g/mx				
	Express	50	SG	0.00313	lb ai/a	0.1	oz/a	PRE			.04685 g/mx				
	2,4-D Ester	4	SC	0.5	lb ai/a	1	pt/a	PRE			7.807 ml/mx				
	COC	100	SL	1	% v/v	0.8	qt/a	PRE			12.49 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	PRE			31.23 ml/mx				
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	EPO	B		10.69 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	EPO			31.23 ml/mx				
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	MPO	C		10.69 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	MPO			31.23 ml/mx				
10	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	PRE	A		10.69 ml/mx	110	202	304	
	Valor XLT @ 3oz							PRE							
	Valor SX	51	WG	0.056	lb ai/a	1.76	oz/a	PRE			0.8218 g/mx				
	Classic	25	DF	0.0194	lb ai/a	1.24	oz/a	PRE			0.5808 g/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	PRE			31.23 ml/mx				
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	EPO	B		10.69 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	EPO			31.23 ml/mx				
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	MPO	C		10.69 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	MPO			31.23 ml/mx				
11	Gramoxone Inteon	2	SL	0.625	lb ai/a	2.5	pt/a	PRE	A		19.52 ml/mx	111	204	303	
	NIS	100	SL	0.25	% v/v	0.2	qt/a	PRE			3.123 ml/mx				
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	EPO	B		10.69 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	EPO			31.23 ml/mx				
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	MPO	C		10.69 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	MPO			31.23 ml/mx				
12	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	PRE	A		10.69 ml/mx	112	211	306	
	2,4-D Ester	4	SC	0.5	lb ai/a	1	pt/a	PRE			7.807 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	PRE			31.23 ml/mx				
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	EPO	B		10.69 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	EPO			31.23 ml/mx				
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	MPO	C		10.69 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2.5	% v/v	MPO			31.23 ml/mx				

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
97.549	ml	Ignite	2.34	SL	
1,249.051	ml	N-PAK AMS	100	L	
347.305	ml	Roundup Power Max	4.5	SL	
29.275	ml	2,4-D Ester	4	SC	
2.054	g	Valor SX	51	WG	
2.036	g	Classic	25	DF	
2.345	g	Canopy	75	DF	
0.059	g	Express	50	SG	
15.613	ml	COC	100	SL	
24.396	ml	Gramoxone Inteon	2	SL	
3.903	ml	NIS	100	SL	

Ohio State University Horticulture and Crop Science

Ignite Burndown

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

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:

- * '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.