

# Ohio State University Horticulture and Crop Science

## Pre Plant Burndown

Trial ID: 09NTS1                      Protocol ID: 09NTS1  
 Location: Western Branch          Study Director: Bryan Reeb  
 Project ID: 09NTS1                  Investigator: Dr. Mark M. Loux  
    Sponsor Contact: Jim Barrantine, Robert Hooten

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	Plot No.		
											Rep. 1	2	3
1	UTC										101	210	302
2	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	21 EPP	A	15.6 ml/mx	102	209	307
	N-PAK AMS	100	L	5	% v/v	5	% v/v	21 EPP	A	62.45 ml/mx			
	NIS	100	SL	0.25	% v/v	0.25	%v/v	21 EPP	A	3.123 ml/mx			
3	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	21 EPP	A	15.6 ml/mx	103	205	309
	N-PAK AMS	100	L	5	% v/v	5	% v/v	21 EPP	A	62.45 ml/mx			
	NIS	100	SL	0.25	% v/v	0.25	%v/v	21 EPP	A	3.123 ml/mx			
	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	2-3 WAP	C	15.6 ml/mx			
	N-PAK AMS	100	L	5	% v/v	5	% v/v	2-3 WAP	C	62.45 ml/mx			
	NIS	100	SL	0.25	% v/v	0.25	%v/v	21 EPP	C	3.123 ml/mx			
4	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	21 EPP	A	15.6 ml/mx	104	212	306
	N-PAK AMS	100	L	5	% v/v	5	% v/v	21 EPP	A	62.45 ml/mx			
	NIS	100	SL	0.25	% v/v	0.25	%v/v	21 EPP	A	3.123 ml/mx			
	CHA-019	4.5	ME	1.13	lb ai/a	32	fl oz/a	PRE	B	15.68 ml/mx			
5	GLYFOS X-TRA	4	SL	1	lb ai/a	32	fl oz/a	21 EPP	A	15.61 ml/mx	105	202	301
	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	2-3 WAP	C	15.6 ml/mx			
	N-PAK AMS	100	L	5	% v/v	5	% v/v	2-3 WAP	C	62.45 ml/mx			
	NIS	100	SL	0.25	% v/v	0.25	% v/v	2-3 WAP	C	3.123 ml/mx			
6	GLYFOS X-TRA	4	SL	1	lb ai/a	32	fl oz/a	21 EPP	A	15.61 ml/mx	106	204	308
	EXTREME	2.17	ME	0.81	lb ai/a	3	pt/a	2-3 WAP	C	23.31 ml/mx			
	N-PAK AMS	100	L	5	% v/v	5	% v/v	2-3 WAP	C	62.45 ml/mx			
	NIS	100	SL	0.25	% v/v	0.25	% v/v	2-3 WAP	C	3.123 ml/mx			
7	Authority First	70	DF	0.14	lb ai/a	3.2	oz/a	21 EPP	A	1.497 g/mx	107	201	303
	Rage D-Tech	100	L	0.78	lb ai/a	12	oz/a	21 EPP		5.83 ml/mx			
	Roundup Power Max	4.5	SL	0.56	lb ae/a	16	oz/a	21 EPP		7.772 ml/mx			
	N-PAK AMS	100	L	5	% v/v	5	% v/v	21 EPP		62.45 ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	POST	C	10.69 ml/mx			
	N-PAK AMS	100	L	5	% v/v	5	% v/v	POST		62.45 ml/mx			
8	Authority First	70	DF	0.21	lb ai/a	4.8	oz/a	21 EPP	A	2.245 g/mx	108	211	312
	Rage D-Tech	100	L	0.78	lb ai/a	12	oz/a	21 EPP		5.83 ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	21 EPP		10.69 ml/mx			
	N-PAK AMS	100	L	5	% v/v	5	% v/v	21 EPP		62.45 ml/mx			
	Select	2	EC	0.125	lb ai/a	8	oz/a	POST	C	3.903 ml/mx			
	Flexstar	1.88	EC	0.305	lb ai/a	1.3	pt/a	POST		10.13 ml/mx			
	N-PAK AMS	100	L	5	% v/v	5	% v/v	POST		62.45 ml/mx			
	Destiny HC	100	SL	0.5	% v/v	0.5	% v/v	POST		6.245 ml/mx			
9	GWN-9794	100	DF	0.0206	lb ai/a	0.33	oz/a	21 EPP	A	0.1542 g/mx	109	206	305
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	POST	C	10.69 ml/mx			
	N-PAK AMS	100	L	5	% v/v	4	qt/a			62.45 ml/mx			
10	VIDA	100	EC	0.065	lb ai/a	1	oz/a	21 EPP		0.4859 ml/mx	110	203	311
	Valor XLT @ 3oz								A				
	Valor SX	51	WG	0.056	lb ai/a	1.76	oz/a	21 EPP		0.8218 g/mx			
	Classic	25	WG	0.0194	lb ai/a	1.24	oz/a	21 EPP		0.5808 g/mx			
	COC	100	SL	1	% v/v	1	% v/v	21 EPP		12.49 ml/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	POST	C	10.69 ml/mx			
	N-PAK AMS	100	L	5	% v/v	4	qt/a			62.45 ml/mx			

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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code	Amt to Measure	Plot No.		
											Rep.	1	2
11	VIDA	100	EC	0.065	lb ai/a	1	oz/a	21	EPP A	0.4859 ml/mx	111	208	310
	2,4-D Ester	4	SC	0.5	lb ai/a	1	pt/a	21	EPP	7.807 ml/mx			
	COC	100	SL	1	% v/v	1	% v/v	21	EPP	12.49 ml/mx			
	Roundup Power Max N-PAK AMS	4.5	SL	0.77	lb ae/a	22	oz/a	POST	C	10.69 ml/mx			
12	Roundup Power Max N-PAK AMS	4.5	SL	0.77	lb ae/a	22	oz/a	21	EPP	10.69 ml/mx	112	207	304
	Roundup Power Max N-PAK AMS	100	L	5	% v/v	5	% v/v	21	EPP	62.45 ml/mx			
	Roundup Power Max N-PAK AMS	4.5	SL	0.77	lb ae/a	22	oz/a	POST	C	10.69 ml/mx			
	Roundup Power Max N-PAK AMS	100	L	5	% v/v	4	qt/a			62.45 ml/mx			

Sort Order: Replicate 1