

# Ohio State University Horticulture and Crop Science

Soybean Pre and Post programs in GT soybeans

Trial ID: 09SOYYLD4      Protocol ID: 09SOYYLD4  
Location: Western Branch      Study Director: Bryan Reeb  
Project ID: 09SOYYLD4      Investigator: Dr. Mark M. Loux  
Sponsor Contact: Dain Bruns

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	Prefix	5.29	EC	1.32	lb ai/a	2	pt/a	A	15.58	ml/mx	101	209	310
	Touchdown Total	4.17	SL	0.78	lb ae/a	24	oz/a	C	11.68	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a		31.23	ml/mx			
2	Boundary	6.5	EC	1.22	lb ai/a	1.5	pt/a	A	11.72	ml/mx	102	206	305
	Touchdown Total	4.17	SL	0.78	lb ae/a	24	oz/a	C	11.68	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a		31.23	ml/mx			
3	Touchdown Total	4.17	SL	0.78	lb ae/a	24	oz/a	B	11.68	ml/mx	103	207	308
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a		31.23	ml/mx			
	Touchdown Total	4.17	SL	0.78	lb ae/a	24	oz/a	D	11.68	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a		31.23	ml/mx			
4	Boundary	6.5	EC	1.22	lb ai/a	1.5	pt/a	A	11.72	ml/mx	104	210	304
	Flexstar GT	3.31	SL	1.24	lb ae/a	3	pt/a	C	23.4	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a		31.23	ml/mx			
	COC	100	SL	1	% v/v	0.8	qt/a		12.49	ml/mx			
5	Touchdown Total	4.17	SL	0.78	lb ae/a	24	oz/a	B	11.68	ml/mx	105	201	307
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a		31.23	ml/mx			
	Prefix	5.29	EC	1.32	lb ai/a	2	pt/a		15.58	ml/mx			
	Touchdown Total	4.17	SL	0.78	lb ae/a	24	oz/a	D	11.68	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a		31.23	ml/mx			
6	Sonic	70	DF	0.141	lb ai/a	3.22	oz/a	A	1.508	g/mx	106	208	301
	Durango	4	SL	0.75	lb ae/a	24	oz/a	C	11.71	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a		31.23	ml/mx			
7	Valor XLT @ 3oz							A			107	205	306
	Valor SX	51	WG	0.056	lb ai/a	1.76	oz/a		0.8218	g/mx			
	Classic	25	DF	0.0194	lb ai/a	1.24	oz/a		0.5808	g/mx			
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	C	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a		31.23	ml/mx			
8	Touchdown Total	4.17	SL	0.78	lb ae/a	24	oz/a	C	11.68	ml/mx	108	203	309
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a		31.23	ml/mx			
9	Sharpen	2.85	SC	0.0223	lb ai/a	1	oz/a	A	0.4887	ml/mx	109	204	302
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	C	10.69	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a		31.23	ml/mx			
10	Canopy	75	DF	0.164	lb ai/a	3.5	oz/a	A	1.637	g/mx	110	202	303
	Touchdown Total	4.17	SL	0.78	lb ae/a	24	oz/a	C	11.68	ml/mx			
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a		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
38.959	ml	Prefix	5.29	EC	
116.818	ml	Touchdown Total	4.17	SL	
468.394	ml	N-PAK AMS	100	L	

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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
29.305	ml	Boundary	6.5	EC	
29.245	ml	Flexstar GT	3.31	SL	
15.613	ml	COC	100	SL	
1.884	g	Sonic	70	DF	
14.637	ml	Durango	4	SL	
1.027	g	Valor SX	51	WG	
0.726	g	Classic	25	DF	
26.716	ml	Roundup Power Max	4.5	SL	
0.611	ml	Sharpen	2.85	SC	
2.046	g	Canopy	75	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.