

# Ohio State University Horticulture and Crop Science

Soybean Yield Response to Off Target Status Drift Simulation

Trial ID: 09SOYDRIFT      Protocol ID: 09SOYDRIFT  
 Location: Western Branch      Study Director: Bryan Reeb  
 Project ID: 09SOYDRIFT      Investigator: Dr. Mark M. Loux  
 Sponsor Contact: CAREN JUDGE,      BASF

Reps: 6      Plots: 6.67 by 30 feet  
 Spray vol: 20 gal/ac      Mix size: 3 liters (min 2.0867)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Form Unit	Other Rate	Other Unit	Growth Stage	Amt to Measure	Product Measure	Plot No. Rep. 1	2	3	4	5	6
1	Status	56	WG	0.00175	lb ai/a	0.05	oz/a	V3	.05617	g/mx	101	207	302	407	503	606
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a		25.66	ml/mx						
	NIS	100	SL	0.25	% v/v	0.2	qt/a		7.499	ml/mx						
	N-PAK AMS	100	L	5	% v/v	4	qt/a		150.0	ml/mx						
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	V4	25.66	ml/mx						
	N-PAK AMS	100	L	5	% v/v	4	qt/a		150.0	ml/mx						
2	Status	56	WG	.000175	lb ai/a	0.005	oz/a	V3	5.617	mg/mx	102	205	306	403	502	603
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a		25.66	ml/mx						
	NIS	100	SL	0.25	% v/v	0.2	qt/a		7.499	ml/mx						
	N-PAK AMS	100	L	5	% v/v	4	qt/a		150.0	ml/mx						
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	V4	25.66	ml/mx						
	N-PAK AMS	100	L	5	% v/v	4	qt/a		150.0	ml/mx						
3	Status	56	WG	.000018	lb ai/a	0.0005	oz/a	V3	0.5777	mg/mx	103	206	304	401	507	602
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a		25.66	ml/mx						
	NIS	100	SL	0.25	% v/v	0.2	qt/a		7.499	ml/mx						
	N-PAK AMS	100	L	5	% v/v	4	qt/a		150.0	ml/mx						
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	V4	25.66	ml/mx						
	N-PAK AMS	100	L	5	% v/v	4	qt/a		150.0	ml/mx						
4	Status	56	WG	0.00175	lb ai/a	0.05	oz/a	R1	.05617	g/mx	104	203	301	402	505	607
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a		25.66	ml/mx						
	NIS	100	SL	0.25	% v/v	0.2	qt/a		7.499	ml/mx						
	N-PAK AMS	100	L	5	% v/v	4	qt/a		150.0	ml/mx						
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	V4	25.66	ml/mx						
	N-PAK AMS	100	L	5	% v/v	4	qt/a		150.0	ml/mx						
5	Status	56	WG	.000175	lb ai/a	0.005	oz/a	R1	5.617	mg/mx	105	202	305	404	501	604
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a		25.66	ml/mx						
	NIS	100	SL	0.25	% v/v	0.2	qt/a		7.499	ml/mx						
	N-PAK AMS	100	L	5	% v/v	4	qt/a		150.0	ml/mx						
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	V4	25.66	ml/mx						
	N-PAK AMS	100	L	5	% v/v	4	qt/a		150.0	ml/mx						
6	Status	56	WG	.000018	lb ai/a	.000514	oz/a	R1	0.5777	mg/mx	106	201	307	405	506	605
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a		25.66	ml/mx						
	NIS	100	SL	0.25	% v/v	0.2	qt/a		7.499	ml/mx						
	N-PAK AMS	100	L	5	% v/v	4	qt/a		150.0	ml/mx						
	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	V4	25.66	ml/mx						
	N-PAK AMS	100	L	5	% v/v	4	qt/a		150.0	ml/mx						
7	Roundup Power Max	4.5	SL	0.77	lb ae/a	22	oz/a	V4	25.66	ml/mx	107	204	303	406	504	601

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
0.156	g	Status	56	WG	
417.038	ml	Roundup Power Max	4.5	SL	
56.244	ml	NIS	100	SL	
2,249.755	ml	N-PAK AMS	100	L	

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

- \* 'Per area' calculations based on spray volume= 20 gal/ac, mix size= 3 liters (mix size basis).
- \* Product amount calculations increased 25 % for overage adjustment.
- \* 'Per volume' calculations use spray volume= 20 gal/ac, mix size= 3 liters.