

# Ohio State University Horticulture and Crop Science

Dicamba-tolerant soybean - academic study IL and OH

Trial ID: 09DicambaSoyCLK      Protocol ID: 09DicambaSoyCLK  
 Location: Clarksburg      Study Director: Bryan Reeb  
 Project ID: 09DicambaSoyCLK      Investigator: Dr. Mark M. Loux  
 Sponsor Contact: BRAD MILLER, MONSANTO

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	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Amt to Measure	Plot No.		
										Rep. 1	2	3
1	ROUNDUP POWERMAX	4.5	SL	0.75 lb ae/a	21.3 oz/a		4-6"	B	10.41 ml/mx	101	207	309
	N-PAK AMS	100	L	5 % v/v	4 qt/a		4-6"	B	62.45 ml/mx			
	ROUNDUP POWERMAX	4.5	SL	0.75 lb ae/a	21.3 oz/a		3 WK	F	10.41 ml/mx			
	N-PAK AMS	100	L	5 % v/v	4 qt/a		3 WK	F	62.45 ml/mx			
2	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		4-6"	B	3.903 ml/mx	102	203	310
	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		3 WK	F	3.903 ml/mx			
3	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		8-12"	C	3.903 ml/mx	103	204	307
	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		3 WK	G	3.903 ml/mx			
4	CLARITY	4	SL	0.125 lb ae/a	4 oz/a		4-6"	B	1.952 ml/mx	104	210	305
	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		3 WK	F	3.903 ml/mx			
5	CLARITY	4	SL	0.125 lb ae/a	4 oz/a		8-12"	D	1.952 ml/mx	105	206	311
	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		3 WK	G	3.903 ml/mx			
6	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		PRE	A	3.903 ml/mx	106	211	304
7	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		PRE	A	3.903 ml/mx	107	208	303
	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		8-12" RE	E	3.903 ml/mx			
8	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		PRE	A	3.903 ml/mx	108	209	302
	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		8-12" RE	E	3.903 ml/mx			
	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		3 WAE	H	3.903 ml/mx			
9	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		PRE	A	3.903 ml/mx	109	213	301
	CLARITY	4	SL	1.5 lb ae/a	48 oz/a		LPO	I	23.42 ml/mx			
10	SCEPTER	70	WG	0.123 lb ai/a	2.8 oz/a		PRE	A	1.315 g/mx	110	202	314
	FIRSTRATE	84	WG	0.0158 lb ai/a	0.3 oz/a		4-6" RE	D	0.1408 g/mx			
	METHYLATED OIL	100	L	1 % v/v	0.8 qt/a		4-6" RE	D	12.49 ml/mx			
	N-PAK AMS	100	L	2.5 % v/v	2 qt/a		4-6" RE	D	31.23 ml/mx			
11	VALOR SX	51	WG	0.056 lb ai/a	1.76 oz/a		PRE	A	0.8218 g/mx	111	212	306
	CLASSIC	25	DF	0.0194 lb ai/a	1.24 oz/a		PRE	A	0.5808 g/mx			
	FLEXSTAR	1.88	SL	0.313 lb ai/a	21.3 oz/a		4-6" RE	D	10.4 ml/mx			
	METHYLATED OIL	100	L	1 % v/v	0.8 qt/a		4-6" RE	D	12.49 ml/mx			
N-PAK AMS	100	L	2.5 % v/v	2 qt/a		4-6" RE	D	31.23 ml/mx				
12	VALOR SX	51	WG	0.056 lb ai/a	1.76 oz/a		PRE	A	0.8218 g/mx	112	214	313
	CLASSIC	25	DF	0.0194 lb ai/a	1.24 oz/a		PRE	A	0.5808 g/mx			
	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		4-6" RE	D	3.903 ml/mx			
13	CANOPY	75	DF	0.164 lb ai/a	3.5 oz/a		PRE	A	1.637 g/mx	113	201	308
	CLARITY	4	SL	0.25 lb ae/a	8 oz/a		4-6" RE	D	3.903 ml/mx			
14	UTC									114	205	312

Sort Order: Replicate 1

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

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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
26.022	ml	ROUNDUP POWERMAX	4.5	SL	
234.197	ml	N-PAK AMS	100	L	
107.340	ml	CLARITY	4	SL	
1.644	g	SCEPTER	70	WG	
0.176	g	FIRSTRATE	84	WG	
31.226	ml	METHYLATED OIL	100	L	
2.054	g	VALOR SX	51	WG	
1.452	g	CLASSIC	25	DF	
12.997	ml	FLEXSTAR	1.88	SL	
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.