

# Ohio State University Horticulture and Crop Science

## Ignite/Efficacy/Evaluation in LibertyLink Soybeans

Trial ID: 09LibertyLinkSoy1      Protocol ID: 09LibertyLinkSoy1  
 Location: Western Branch      Study Director: Bryan Reeb  
 Project ID: 09LibertyLinkSoy1      Investigator: Dr. Mark M. Loux  
 Sponsor Contact: Dave Lamore

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
1	UTC											101	204	305
2	Valor	51	WG	0.064	lb ai/a	2	oz/a	PREPRE	A	0.9392 g/mx		102	205	301
	Ignite	2.34	SL	0.402	lb ai/a	22	fl oz/a	MIPOCR	C	10.73 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	MIPOCR		31.23 ml/mx				
	Ignite	2.34	SL	0.402	lb ai/a	22	fl oz/a	LAPOCR	D	10.73 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	LAPOCR		31.23 ml/mx				
3	Valor	51	WG	0.064	lb ai/a	2	oz/a	PREPRE	A	0.9392 g/mx		103	209	308
	Ignite	2.34	SL	0.66	lb ai/a	36	fl oz/a	MIPOCR	C	17.61 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	MIPOCR		31.23 ml/mx				
4	Authority First	70	WG	0.175	lb ai/a	4	oz/a	PREPRE	A	1.871 g/mx		104	210	309
	Ignite	2.34	SL	0.402	lb ai/a	22	fl oz/a	MIPOCR	C	10.73 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	MIPOCR		31.23 ml/mx				
	Ignite	2.34	SL	0.402	lb ai/a	22	fl oz/a	LAPOCR	D	10.73 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	LAPOCR		31.23 ml/mx				
5	Authority First	70	WG	0.175	lb ai/a	4	oz/a	PREPRE	A	1.871 g/mx		105	203	310
	Ignite	2.34	SL	0.66	lb ai/a	36	fl oz/a	MIPOCR	C	17.61 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	MIPOCR		31.23 ml/mx				
6	Ignite	2.34	SL	0.66	lb ai/a	36	fl oz/a	MIPOCR	C	17.61 ml/mx		106	202	303
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	MIPOCR		31.23 ml/mx				
7	Ignite	2.34	SL	0.402	lb ai/a	22	fl oz/a	EAPOWE	B	10.73 ml/mx		107	201	302
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	EAPOWE		31.23 ml/mx				
	Ignite	2.34	SL	0.402	lb ai/a	22	fl oz/a	MIPOCR	C	10.73 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	MIPOCR		31.23 ml/mx				
8	OpTill	68	WG	0.085	lb ai/a	2	oz/a	PREPRE	A	0.9355 g/mx		108	207	306
	Ignite	2.34	SL	0.402	lb ai/a	22	fl oz/a	MIPOCR	C	10.73 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	MIPOCR		31.23 ml/mx				
	Ignite	2.34	SL	0.402	lb ai/a	22	fl oz/a	LAPOCR	D	10.73 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	LAPOCR		31.23 ml/mx				
9	Prefix	5.29	SL	1.32	lb ai/a	2	pt/a	PREPRE	A	15.58 ml/mx		109	208	307
	Ignite	2.34	SL	0.402	lb ai/a	22	fl oz/a	MIPOCR	C	10.73 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	MIPOCR		31.23 ml/mx				
	Ignite	2.34	SL	0.402	lb ai/a	22	fl oz/a	LAPOCR	D	10.73 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	LAPOCR		31.23 ml/mx				
10	Valor XLT	40.3	WG	0.0756	lb ai/a	3	oz/a	PREPRE	A	1.404 g/mx		110	206	304
	Ignite	2.34	SL	0.402	lb ai/a	22	fl oz/a	MIPOCR	C	10.73 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	MIPOCR		31.23 ml/mx				
	Ignite	2.34	SL	0.402	lb ai/a	22	fl oz/a	LAPOCR	D	10.73 ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	LAPOCR		31.23 ml/mx				

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
2.348	g	Valor	51	WG	
226.991	ml	Ignite	2.34	SL	
585.492	ml	N-PAK AMS	100	L	
4.678	g	Authority First	70	WG	
1.169	g	OpTill	68	WG	
19.480	ml	Prefix	5.29	SL	
1.755	g	Valor XLT	40.3	WG	

\* '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.