

Ohio State University Horticulture and Crop Science

Ignite/Efficacy/Evaluation in LibertyLink Soybeans

Trial ID: 09LibertyLinkSoy1 Protocol ID: 09LibertyLinkSoy1
 Location: Clarksburg 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	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Amt to Measure	Product	Plot No. Rep. 1	2	3
1	UTC											101	210	301
2	Valor	51	WG	0.064	lb ai/a	2	oz/a	PREPRE	A	0.9392	g/mx	102	204	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			
3	Valor	51	WG	0.064	lb ai/a	2	oz/a	PREPRE	A	0.9392	g/mx	103	201	314
	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	211	305
	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	212	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	208	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	206	304
	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	202	313
	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	207	308
	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 @3oz							PREPRE	A			110	205	307
	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			
	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			
11	Valor XLT @ 3.5oz								A			111	213	309
	Valor SX	51	WG	0.0653	lb ai/a	2.05	oz/a			0.9583	g/mx			
	Classic	25	DF	0.0227	lb ai/a	1.45	oz/a			0.6796	g/mx			
	Flexstar	1.88	EC	0.313	lb ai/a	1.33	pt/a		C	10.4	ml/mx			
	Select Max	1	EC	0.07	lb ai/a	9	oz/a			4.372	ml/mx			

Ohio State University Horticulture and Crop Science

Ignite/Efficacy/Evaluation in LibertyLink Soybeans

Trial ID: 09LibertyLinkSoy1 Protocol ID: 09LibertyLinkSoy1
 Location: Clarksburg 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	Other Rate	Other Unit	Growth Stage	Appl Code	Amt to Measure	Product	Plot No. Rep. 1	2	3
	Destiny HC	100 L		0.5 % v/v	0.4	qt/a			6.245	ml/mx			
	N-PAK AMS	100 L		5 % v/v	4	qt/a			62.45	ml/mx			
	Cobra	2 EC		0.094 lb ai/a	6	oz/a		E	2.935	ml/mx			
	Destiny HC	100 L		0.5 % v/v	0.4	qt/a			6.245	ml/mx			
	N-PAK AMS	100 L		5 % v/v	4	qt/a			62.45	ml/mx			
12	Valor XLT @ 3.5oz							A			112	203	311
	Valor SX	51 WG		0.0653 lb ai/a	2.05	oz/a			0.9583	g/mx			
	Classic	25 DF		0.0227 lb ai/a	1.45	oz/a			0.6796	g/mx			
	Flexstar	1.88 EC		0.313 lb ai/a	1.33	pt/a		C	10.4	ml/mx			
	Select Max	1 EC		0.07 lb ai/a	9	oz/a			4.372	ml/mx			
	Destiny HC	100 L		0.5 % v/v	0.4	qt/a			6.245	ml/mx			
	N-PAK AMS	100 L		5 % v/v	4	qt/a			62.45	ml/mx			
	Cobra	2 EC		0.188 lb ai/a	12	oz/a		E	5.871	ml/mx			
	Destiny HC	100 L		0.5 % v/v	0.4	qt/a			6.245	ml/mx			
	N-PAK AMS	100 L		5 % v/v	4	qt/a			62.45	ml/mx			
13	Valor XLT @ 3.5oz							A			113	214	302
	Valor SX	51 WG		0.0653 lb ai/a	2.05	oz/a			0.9583	g/mx			
	Classic	25 DF		0.0227 lb ai/a	1.45	oz/a			0.6796	g/mx			
	Flexstar	1.88 EC		0.392 lb ai/a	1.67	pt/a		C	13.02	ml/mx			
	Select Max	1 EC		0.07 lb ai/a	9	oz/a			4.372	ml/mx			
	Destiny HC	100 L		0.5 % v/v	0.4	qt/a			6.245	ml/mx			
	N-PAK AMS	100 L		5 % v/v	4	qt/a			62.45	ml/mx			
	Cobra	2 EC		0.094 lb ai/a	6	oz/a		E	2.935	ml/mx			
	Destiny HC	100 L		0.5 % v/v	0.4	qt/a			6.245	ml/mx			
	N-PAK AMS	100 L		5 % v/v	4	qt/a			62.45	ml/mx			
14	Valor XLT @ 3.5oz							A			114	209	312
	Valor SX	51 WG		0.0653 lb ai/a	2.05	oz/a			0.9583	g/mx			
	Classic	25 DF		0.0227 lb ai/a	1.45	oz/a			0.6796	g/mx			
	Flexstar	1.88 EC		0.392 lb ai/a	1.67	pt/a		C	13.02	ml/mx			
	Select Max	1 EC		0.07 lb ai/a	9	oz/a			4.372	ml/mx			
	Destiny HC	100 L		0.5 % v/v	0.4	qt/a			6.245	ml/mx			
	N-PAK AMS	100 L		5 % v/v	4	qt/a			62.45	ml/mx			
	Cobra	2 EC		0.188 lb ai/a	12	oz/a		E	5.871	ml/mx			
	Destiny HC	100 L		0.5 % v/v	0.4	qt/a			6.245	ml/mx			
	N-PAK AMS	100 L		5 % v/v	4	qt/a			62.45	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
2.348 g		Valor	51	WG	
226.991 ml		Ignite	2.34	SL	
1,210.017 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	
5.819 g		Valor SX	51	WG	
4.124 g		Classic	25	DF	
58.549 ml		Flexstar	1.88	EC	
21.858 ml		Select Max	1	EC	

Ohio State University Horticulture and Crop Science

Ignite/Efficacy/Evaluation in LibertyLink Soybeans

Trial ID: 09LibertyLinkSoy1 Protocol ID: 09LibertyLinkSoy1
Location: Clarksburg 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)

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

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
62.453	ml	Destiny HC	100	L	
22.015	ml	Cobra	2	EC	

* '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.