

Ohio State University Horticulture and Crop Science

Liberty Timing in Liberty Link Soybean (Study 1).

Trial ID: 09LLSOY2CLK Protocol ID: 08S-ROM-CTS-02
Location: CLARKSBURG Study Director: Kevin Westerfeld/ Melissa Kruger
Project ID: Investigator: Dr. Mark M. Loux
Sponsor Contact:

Reps: 4 Plots: 10 by 30 feet
Spray vol: 20 gal/ac Mix size: 0.5 gallons (min .55096)

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	4
1	Untreated Check											101	206	303	407
2	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	22DASE	B	16.22	ml/mx	102	208	301	410
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	22DASE	B	38.56	g/mx				
3	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	22DASE	B	16.22	ml/mx	103	201	305	404
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	22DASE	B	38.56	g/mx				
	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	21 DAB	E	16.22	ml/mx				
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	21 DAB	E	38.56	g/mx				
4	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	MIPOWE	C	16.22	ml/mx	104	210	307	408
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	MIPOWE	C	38.56	g/mx				
5	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	MIPOWE	C	16.22	ml/mx	105	203	306	405
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	MIPOWE	C	38.56	g/mx				
	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	21 DAC	F	16.22	ml/mx				
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	21 DAC	F	38.56	g/mx				
6	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	LAPOWE	D	16.22	ml/mx	106	204	302	409
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	LAPOWE	D	38.56	g/mx				
7	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	LAPOWE	D	16.22	ml/mx	107	209	304	401
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	LAPOWE	D	38.56	g/mx				
	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	21 DAD	G	16.22	ml/mx				
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	21 DAD	G	38.56	g/mx				
8	Valor XLT	51	WDG					PREPLA	A			108	207	310	403
	Valor	51	WDG	0.056	lb ai/a	1.76	oz/a	PREPLA	A	1.245	g/mx				
	Classic	25	DF	0.0194	lb ai/a	1.24	oz/a	PREPLA	A	0.88	g/mx				
	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	LAPOWE	D	16.22	ml/mx				
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	LAPOWE	D	38.56	g/mx				
	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	21 DAD	G	16.22	ml/mx				
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	21 DAD	G	38.56	g/mx				
9	BAS 800 04H	342	SC	0.0223	lb ai/a	1	oz/a	PREPLA	A	0.7404	ml/mx	109	205	308	402
	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	LAPOWE	D	16.22	ml/mx				
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	LAPOWE	D	38.56	g/mx				
	Ignite	280	SL	0.4	lb ai/a	22	fl oz/a	21 DAD	G	16.22	ml/mx				
	Ammonium Sulfate	100	SG	17	lb ai/100 gal	17	lb ai/100 gal	21 DAD	G	38.56	g/mx				
10	Valor XLT 3.5 oz											110	202	309	406
	Valor	51	WDG	0.056	lb ai/a	1.76	oz/a	PRE	A	1.245	g/mx				
	Classic	25	DF	0.0194	lb ai/a	1.24	oz/a	PRE	A	0.88	g/mx				
	Ignite	280	SL	48	lb ai/a	22	oz/a	LAPOWE	D	16.22	ml/mx				
	Ammonium sulfate	100	L	5	% v/v	4	qt/a	LAPOWE	D	94.63	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
20.277	ml	Ignite	280	SL	
626.521	g	Ammonium Sulfate	100	SG	

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 Spray vol: 20 gal/ac Mix size: 0.5 gallons (min .55096)

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

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
263.598	ml	Ignite	280	SL	
3.113	g	Valor	51	WDG	
2.200	g	Classic	25	DF	
0.925	ml	BAS 800 04H	342	SC	
118.281	ml	Ammonium sulfate	100	L	

- * 'Per area' calculations based on spray volume= 20 gal/ac, mix size= 0.5 gallons (mix size basis).
- * Product amount calculations increased 25 % for overage adjustment.
- * 'Per volume' calculations use spray volume= 20 gal/ac, mix size= 0.5 gallons.