

Ohio State University Horticulture and Crop Science

Effect of adjuvants on performance of Ignite in LL soybeans

Trial ID: 09ADJLLSOY Protocol ID: 09ADJLLSOY
Location: Western Branch Study Director: Bryan Reeb
Project ID: 09ADJLLSOY Investigator: Dr. Mark M. Loux
Sponsor Contact: JOHN SMITH

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	Appl Code	Amt to Measure	Product	Plot No. Rep. 1	2	3
1	Ignite	2.34	SL	0.402	lb ai/a	22	oz/a	POST	10.73	ml/mx	101	205	308
2	Ignite N-PAK AMS	2.34 100	SL L	0.402 2.5	lb ai/a % v/v	22 2	oz/a qt/a		10.73 31.23	ml/mx ml/mx	102	210	312
3	Ignite Class Act	2.34 100	SL L	0.402 2.5	lb ai/a % v/v	22 2	oz/a qt/a		10.73 31.23	ml/mx ml/mx	103	208	311
4	Ignite Class Act Interlock	2.34 100 100	SL L L	0.402 2.5 0.156	lb ai/a % v/v % v/v	22 2 4	oz/a qt/a oz/a		10.73 31.23 1.949	ml/mx ml/mx ml/mx	104	207	313
5	Ignite Alliance	2.34 100	SL L	0.402 1.25	lb ai/a % v/v	22 1	oz/a qt/a		10.73 15.61	ml/mx ml/mx	105	202	304
6	Ignite Alliance Interlock	2.34 100 100	SL L L	0.402 1.25 0.156	lb ai/a % v/v % v/v	22 1 4	oz/a qt/a oz/a		10.73 15.61 1.949	ml/mx ml/mx ml/mx	106	201	306
7	Ignite Class Act Superb HC	2.34 100 100	SL L L	0.402 2.5 0.5	lb ai/a % v/v % v/v	22 2 0.4	oz/a qt/a qt/a		10.73 31.23 6.245	ml/mx ml/mx ml/mx	107	214	309
8	Ignite Class Act Destiny HC	2.34 100 100	SL L L	0.402 2.5 0.5	lb ai/a % v/v % v/v	22 2 0.4	oz/a qt/a qt/a		10.73 31.23 6.245	ml/mx ml/mx ml/mx	108	212	302
9	Ignite Class Act Prime Oil	2.34 100 100	SL L L	0.402 2.5 1	lb ai/a % v/v % v/v	22 2 0.8	oz/a qt/a qt/a		10.73 31.23 12.49	ml/mx ml/mx ml/mx	109	206	305
10	Ignite N-PAK AMS Superb HC	2.34 100 100	SL L L	0.402 2.5 0.5	lb ai/a % v/v % v/v	22 2 0.4	oz/a qt/a qt/a		10.73 31.23 6.245	ml/mx ml/mx ml/mx	110	204	303
11	Ignite Class Act Superb HC Select	2.34 100 100 2	SL L L EC	0.402 2.5 0.5 0.0625	lb ai/a % v/v % v/v lb ai/a	22 2 0.4 4	oz/a qt/a qt/a oz/a		10.73 31.23 6.245 1.952	ml/mx ml/mx ml/mx ml/mx	111	203	314
12	Ignite Class Act Destiny HC Select	2.34 100 100 2	SL L L EC	0.402 2.5 0.5 0.0625	lb ai/a % v/v % v/v lb ai/a	22 2 0.4 4	oz/a qt/a qt/a oz/a		10.73 31.23 6.245 1.952	ml/mx ml/mx ml/mx ml/mx	112	209	307
13	Ignite Select N-PAK AMS	2.34 2 100	SL EC L	0.402 0.0625 2.5	lb ai/a lb ai/a % v/v	22 4 2	oz/a oz/a qt/a		10.73 1.952 31.23	ml/mx ml/mx ml/mx	113	211	310
14	UTC										114	213	301

Sort Order: Replicate 1

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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
214.580	ml	Ignite	2.34	SL	
117.098	ml	N-PAK AMS	100	L	
273.230	ml	Class Act	100	L	
4.871	ml	Interlock	100	L	
39.033	ml	Alliance	100	L	
23.420	ml	Superb HC	100	L	
15.613	ml	Destiny HC	100	L	
15.613	ml	Prime Oil	100	L	
7.319	ml	Select	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.
- * Adjusted for multiple applications in treatment list.
- * One application was assumed for blank application codes or multipliers.