

University of Tennessee

Foliar Insecticide Trial in Soybeans - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: Asgrow 5301 RR (planted 5-19-08)

Application: Trt 3 - Karate 7-22-08; Trts 1, 2 and all Quadris applications 8-12-08

Application: High clearance sprayer (8 GPA, 46 PSI, FF 8001)

Rating: 25 sweeps per plot

Plots: 5 Rows x 30 ft (RCBD, 4 Reps)

Investigators: Stewart, Willis, S. Steckel

TAN = Treat As Needed, TCAH = Three cornered alfalfa hopper, GSB = Green stink bug, BSB = Brown stink bug

Description				TCAH	GSB+BSB	TCAH	GSB+BSB	GSB+BSB	TCAH	GSB+BSB	TCAH	
Rating Date				8/18/2008	8/18/2008	9/2/2008	9/2/2008	9/8/2008	9/8/2008	9/16/2008	9/16/2008	
Trt-Eval Interval				Total	Total	Total	Total	Total	Total	Total	Total	
				6 DA-B	6 DA-B	14 DA-B	14 DA-B	27 DA-B	27 DA-B	35 DA-B	35 DA-B	
Treatment		Rate										
1	Coragen	200	SC	3.07 fl oz/a	9.50 a	1.50 a	6.25 a	4.50 a	7.25 a	6.25 a	9.00 a	4.00 a
	Quadris	2.08	F	6 fl oz/a								
2	Coragen	200	SC	3.07 fl oz/a	10.75 a	0.50 a	3.00 a	5.75 a	7.75 a	8.00 a	8.50 a	5.00 a
	KarateZ	2.08	CS	1.75 fl oz/a								
	Quadris	2.08	F	6 fl oz/a								
3	KarateZ (TAN)	2.08	CS	1.75 fl oz/a	10.25 a	0.00 a	3.25 a	4.25 a	8.25 a	6.75 a	6.25 ab	3.25 a
	Quadris	2.08	F	6 fl oz/a								
4	Untreated Check				8.25 a	0.25 a	4.50 a	1.25 a	6.00 a	6.50 a	4.25 b	3.50 a
	Quadris	2.08	F	6 fl oz/a								

Description				GSB+BSB	TCAH	Yield	
Rating Date				9/22/2008	9/22/2008	10/13/2008	
Trt-Eval Interval				Total	Total	Bu/A	
				41 DA-B	41 DA-B	62 DA-B	
Treatment		Rate					
1	Coragen	200	SC	3.07 fl oz/a	10.25 a	7.50 a	31.30 a
	Quadris	2.08	F	6 fl oz/a			
2	Coragen	200	SC	3.07 fl oz/a	5.75 a	6.50 a	32.70 a
	KarateZ	2.08	CS	1.75 fl oz/a			
	Quadris	2.08	F	6 fl oz/a			
3	KarateZ (TAN)	2.08	CS	1.75 fl oz/a	7.50 a	7.75 a	38.40 a
	Quadris	2.08	F	6 fl oz/a			
4	Untreated Check				11.25 a	7.00 a	34.50 a
	Quadris	2.08	F	6 fl oz/a			

Means followed by same letter do not significantly differ (P=.05, LSD)