

University of Tennessee

Stink Bug Trial in Soybean - Shelby Co.

Location: Shelby County, TN

Application: 9-8-08, High clearance sprayer (8 GPA, 46 PSI, FF 8001)

Rating: 25 sweeps per plot

Plots: 5 Rows x 50 ft (RCBD, 4 Reps)

Investigators: Stewart, Willis, S. Steckel

Total SB = Total Stink Bugs (Green + Brown), TCAH = Three cornered alfalfa hopper, GCW = green cloverworm

GSB = Green stink bug, BSB = Brown stink bug

Description				Total SB	TCAH	GCW	GSB	BSB	
Rating Date				9/11/2008	9/11/2008	9/11/2008	9/15/2008	9/15/2008	
Pest Stage				All	All	All	All	All	
Trt-Eval Interval				3 DA-A	3 DA-A	3 DA-A	7 DA-A	7 DA-A	
Treatment	Rate								
1 KARATE Z	2.08	CS	1.59 fl oz/a	9.25 bcd	4.00 b	0.25 c	7.00 c	1.00 a	
2 KARATE Z	2.08	CS	1.92 fl oz/a	8.25 bcd	3.00 bc	0.00 c	5.25 c	0.00 a	
3 CENTRIC 40 WG	40	WG	1.5 oz/a	13.00 b	4.25 c	2.00 bc	29.75 b	1.00 a	
4 CENTRIC 40 WG	40	WG	2.5 oz/a	13.25 bc	2.75 bc	3.00 ab	16.00 c	2.00 a	
5 ENDIGO 2.06 SC	247	SC	3.5 fl oz/a	6.00 d	3.00 bc	0.25 c	9.75 c	1.25 a	
6 ENDIGO 2.06 SC	247	SC	4.5 fl oz/a	7.25 cd	4.25 b	0.50 c	5.33 c	0.00 a	
7 ORTHENE 90 S	90	SP	1 lb/a	7.50 cd	2.00 bc	0.75 bc	11.50 c	0.50 a	
8 HERO 1.24 EC	148.58	EC	6 fl oz/a	6.25 d	2.50 bc	0.25 c	6.00 c	0.00 a	
9 BRIGADE	2	EC	4 fl oz/a	4.75 d	0.75 c	0.00 c	8.75 c	0.25 a	
10 UNTREATED CHECK				55.75 a	23.50 a	8.00 a	47.00 a	2.50 a	

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

Soybean Insecticide Trial Shelby Co., TN 2008

