

University of Tennessee

Foliar Insecticide Trial in Soybeans

Location: Shelby County

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

GSB= Green Stink Bug, BSB= Brown Stink Bug, GCW= Green Clover Worm, TCAH= Three Cornered Alfalfa Hopper

Total SB'S= Green Stink Bugs + Brown Stink Bugs

Description	GSB	GSB	BSB	BSB	Total SB'S	TCAH	GCW	GSB	BSB		
Rating Date	9/11/2008	9/11/2008	9/11/2008	9/11/2008	9/11/2008	9/11/2008	9/11/2008	9/15/2008	9/15/2008		
Pest Stage	Adult	Immature	Adult	Immature	All	All	All	Adult	Adult		
Trt-Eval Interval	3 DA-A	3 DA-A	3 DA-A	3 DA-A	3 DA-A	3 DA-A	3 DA-A	7 DA-A	7 DA-A		
Treatment	Rate										
1 Leverage	2.7 LB/GAL	3.8 fl oz/a	1.30 b	8.30 c	0.70 a	0.30 a	10.70 b	5.00 b	0.70 a	18.70 b	1.30 a
NIS	100 %	0.25 % v/v									
2 Leverage	2.7 LB/GAL	3.8 fl oz/a	0.70 b	7.30 c	0.30 a	1.30 a	9.70 b	2.30 b	0.00 a	8.80 b-e	2.00 a
3 Baythroid XL	1 LB/GAL	2 fl oz/a	1.80 b	9.30 c	0.50 a	1.30 a	12.80 b	6.80 b	2.00 a	13.80 bcd	1.00 a
LORSBAN	4 LBA/GAL	8 fl oz/a									
4 ENDIGO 2.06 SC	247 GA/L	4 fl oz/a	1.30 b	8.30 c	0.00 a	0.70 a	10.30 b	5.00 b	1.70 a	1.50 e	1.00 a
5 KarateZ	2.08 LB/GAL	1.6 fl oz/a	0.80 b	12.50 c	1.00 a	3.80 a	18.00 b	3.50 b	0.50 a	4.00 de	0.50 a
6 Centric	40 %	1.5 oz wt/a	2.70 b	9.00 c	0.70 a	0.70 a	13.00 b	5.70 b	3.00 a	19.00 bc	1.30 a
7 LORSBAN	4 LBA/GAL	16 fl oz/a	7.30 a	25.00 b	1.30 a	4.30 a	38.00 a	28.70 a	3.70 a	20.30 b	2.30 a
8 Cobalt	30 %	19 fl oz/a	2.80 b	7.80 c	1.00 a	1.50 a	13.00 b	8.00 b	0.30 a	7.80 b-e	1.00 a
9 Cobalt	30 %	24 fl oz/a	0.50 b	5.00 c	0.30 a	1.30 a	7.00 b	5.30 b	0.80 a	14.30 bcd	1.80 a
10 Brigadier	2 LBA/GAL	5 fl oz/a	1.80 b	8.80 c	0.30 a	0.50 a	11.30 b	5.50 b	1.00 a	5.80 cde	0.50 a
11 Untreated Check			5.80 a	37.50 a	0.80 a	6.30 a	50.30 a	29.00 a	3.50 a	63.30 a	3.00 a

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

Soybean Insecticide Trial

Shelby Co., TN 2008

