

University of Tennessee

Foliar Trial for Control of Kudzu Bugs and Stink Bugs in Soybean - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: Pioneer 45T11 RR (planted 5-11-2017)

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

Rating: 2 drop/sweeps per plot (6.25 Rowft)

Application: 9-6-17; High clearance sprayer (9.2 GPA, 40 PSI, 8001FF)

Investigators: Stewart, S. Steckel, Williams

KB = Kudzu bug, adult + immatures

Total SB = Stink bugs = Green + Brown + Red shouldered + Brown Marmorated, adults + immatures

Description		Total SB	KB	Total SB	KB	Yield	
Sample Size, Unit		6.25 Rowft	6.25 Rowft	6.25 Rowft	6.25 Rowft	Bu/A	
Rating Date		9/8/2017	9/8/2017	9/11/2017	9/11/2017	9/26/2017	
Trt-Eval Interval		2 DA-A	2 DA-A	5 DA-A	5 DA-A	20 DA-A	
Treatment	Rate						
1 Untreated		1.5 a	76.5 a	4.0 a	61.3 a	44.3	a
2 Diamond	8 fl oz/a	4.0 a	64.0 ab	1.0 ab	52.5 ab	50.5	a
3 Diamond Acephate	6 fl oz/a 1 lb/a	0.0 a	24.0 c	0.0 b	11.0 c	48.8	a
4 Intrepid Edge	4 fl oz/a	2.5 a	41.0 bc	1.5 ab	31.8 b	39.9	a
5 Besiege	10 fl oz/a	0.0 a	3.8 d	0.0 b	1.5 d	45.7	a
6 Prevathon	14 fl oz/a	3.3 a	53.3 ab	4.8 a	61.0 ab	47.9	a
7 Silencer	4 fl oz/a	0.0 a	1.8 d	0.0 b	0.3 d	44.7	a

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