

# University of Tennessee

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

Location: West TN Research and Education Center (Jackson)

Variety: Asgrow 53X6 Xtend (planted 6-27-2018)

Plots: 4 Rows x 35 ft (RCBD, 4 Reps)

Rating: 25 sweeps per plot

Application: 9-21-17; High clearance sprayer (9.4 GPA, 40 PSI, 8001FF)

Investigators: Stewart, S. Steckel, Williams

GSB = Green stink bug; BSB = Brown stink bug

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

Description			GSB	GSB	BSB	BSB	Total SB
Pest Stage Majority			Adult	Immature	Adult	Immature	Ad + Imm
Rating Date			9/25/2018	9/25/2018	9/25/2018	9/25/2018	9/25/2018
Trt-Eval Interval			4 DA-A	4 DA-A	4 DA-A	4 DA-A	4 DA-A
Treatment	Form	Rate					
1 Brigade	2 lb/gal	4.3 fl oz/a	0.50 cd	0.25 a	0.25 a	0.00 a	1.00 b
Prevathon	50 g/l	10.4 fl oz/a					
2 Brigade	2 lb/gal	3.78 fl oz/a	1.25 cd	0.50 a	0.25 a	0.00 a	2.00 b
Prevathon	50 g/l	12.0 fl oz/a					
3 Brigade	2 lb/gal	4.54 fl oz/a	0.25 d	0.25 a	0.00 a	0.00 a	0.50 b
Prevathon	50 g/l	14.4 fl oz/a					
4 Brigade	2 lb/gal	6.4 fl oz/a	0.00 d	0.00 a	0.25 a	0.00 a	0.25 b
Prevathon	50 g/l	15.4 fl oz/a					
5 Brigade	2 lb/gal	6.4 fl oz/a	0.00 d	0.50 a	0.00 a	0.00 a	0.50 b
Prevathon	50 g/l	20.6 fl oz/a					
6 Brigade	2 lb/gal	6.4 fl oz/a	0.25 d	0.75 a	0.25 a	0.00 a	1.25 b
7 Prevathon	50 g/l	10.4 fl oz/a	4.25 a	1.25 a	0.00 a	0.00 a	5.50 a
8 Prevathon	50 g/l	20.6 fl oz/a	3.25 ab	1.75 a	0.25 a	0.75 a	6.25 a
9 Besiege	1.252 lb/gal	10.0 fl oz/a	0.25 d	0.00 a	0.75 a	0.00 a	1.00 b
10 Untreated			2.00 bc	3.00 a	1.00 a	0.25 a	6.25 a
Treatment Prob(F)			0.0001	0.0569	0.2051	0.0938	0.0002

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