

# 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 6-5-2018)

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

Rating: 25 sweeps per plot

Application: 9-13-18; 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				9/17/2018	9/17/2018	9/17/2018	9/17/2018	9/17/2018
Trt-Eval Interval				4 DA-A	4 DA-A	4 DA-A	4 DA-A	4 DA-A
Treatment	Formulation		Rate					
1	Untreated			7.50 a	6.25 a	0.25 a	0.50 ab	14.50 ab
2	Diamond	0.83 LBA/GAL	9 fl oz/a	8.00 a	1.75 bcd	0.00 a	0.00 b	9.75 b
3	Diamond Acephate 97	0.83 LBA/GAL 97 %AW/W	9 fl oz/a 1 lb/a	0.75 b	0.25 d	0.00 a	0.00 b	1.00 c
4	Intrepid Edge	3 LBA/GAL	4.5 fl oz/a	9.50 a	7.00 a	0.25 a	0.00 b	17.00 ab
5	Prevathon	0.43 LBA/GAL	14 fl oz/a	13.50 a	4.00 ab	0.00 a	0.50 ab	18.50 a
6	Besiege	1.252 LBA/GAL	8 fl oz/a	1.00 b	1.50 cd	0.50 a	0.00 b	3.00 c
7	Cormoran	1.51 LBA/GAL	9 fl oz/a	11.75 a	3.25 ab	0.25 a	1.00 a	16.25 ab
8	Diamond Fanfare	0.83 LB/GAL 2 LB/GAL	6.5 fl oz/a 6 fl oz/a	1.25 b	2.25 bcd	0.00 a	0.00 b	3.50 c
9	Experimental	0.84 LBA/GAL	23 fl oz/a	1.00 b	0.25 d	0.00 a	0.00 b	1.25 c
10	Diamond Fanfare	0.83 LB/GAL 2 LB/GAL	9.5 fl oz/a 6 fl oz/a	1.25 b	0.25 d	0.00 a	0.00 b	1.50 c
Treatment Prob(F)				0.0001	0.0001	0.3737	0.0295	0.0001

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