

# University of Tennessee

## Foliar Insecticides for Control of Insect Pests in Soybean (Madison Co.)

Location: West TN Research and Education Center (Jackson)

Variety: Asgrow 47X6 Xtend (planted 6-18-2018)

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

BLB = Bean leaf beetle; TCAH = Three cornered alfalfa hopper; GSB = Green stink bug; BSB = Brown stink bug

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

Description				BLB	TCAH	GSB	GSB	BSB	BSB	Total SB
Pest Stage Majority				Total	Total	Adult	Immature	Adult	Immature	Ad + Imm
Rating Date				9/17/2018	9/17/2018	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	4 DA-A	4 DA-A
Treatment	Formulation		Rate							
1 Untreated				2.75 a	11.50 a	3.50 a	6.50 a	1.25 a	0.25 a	13.25 a
2 Sivanto Prime	200	gA/L	7.0 fl oz/a	0.75 bc	1.75 b	2.00 a	4.50 a	0.00 b	0.75 a	8.50 a
3 Sivanto HL	400	gA/L	3.5 fl oz/a	2.25 ab	2.50 b	2.00 a	5.50 a	0.25 b	0.75 a	9.00 a
NIS	100	%	0.25 % v/v							
4 Sivanto HL	400	gA/L	7.0 fl oz/a	0.50 c	2.00 b	3.50 a	2.75 a	0.25 b	0.50 a	7.50 a
NIS	100	%	0.25 % v/v							
5 Brigade	2	LB/GAL	5 fl oz/a	0.25 c	5.75 b	0.00 a	0.25 b	0.25 b	0.00 a	0.50 b
6 Endigo ZCX	2.06	LB/GAL	4 fl oz/a	0.00 c	3.50 b	0.25 a	0.50 b	0.25 b	0.00 a	1.00 b
Treatment Prob(F)				0.0081	0.0018	0.0933	0.0002	0.0363	0.3717	0.0001

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