

# University of Tennessee

## Demonstration for Potential Yield Loss from Kudzu Bugs in Soybeans, Test 2 - Madison Co.

Location: West TN Research and Education Center - Jackson

Variety: HBK 4653 LL (planted 5-24-16)

Application: 8-2-16; High clearance sprayer (9.1 GPA, 40 PSI, 8001FF)

Rating: 25 sweeps per plot

Plot: 4 rows x 35 ft (RCBD, 4 Reps)

Investigators: Stewart, S. Steckel, Williams

Looper = Cabbage + Soybean

Description			Kudzu bug		Looper		Kudzu bug		Kudzu bug		Looper		Yield			
Pest Stage Majority			Adult	Immature	Total	Immature	Ad + Imm	Total	Total	Total	Total	Bu/A				
Rating Date			8/5/2016	8/5/2016	8/5/2016	8/10/2016	9/1/2016	9/1/2016	9/1/2016	9/1/2016	9/1/2016	9/28/2016				
Trt-Eval Interval			3 DA-A	3 DA-A	3 DA-A	8 DA-A	30 DA-A	30 DA-A	30 DA-A	30 DA-A	30 DA-A					
Treatment	Formulation	Rate														
1 Brigade	2 Lb/gal	5 fl oz/a	4.8	b	1.8	b	0.3	a	0.5	b	4.0	a	10.0	a	70.3	a
2 Untreated			12.5	a	24.5	a	0.0	a	77.8	a	23.8	a	10.0	a	63.5	b

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