

University of Tennessee

Demonstration for Potential Yield Loss from Kudzu Bugs in Soybeans, Test 1 - Madison Co.

Location: West TN Research and Education Center - Jackson

Variety: Pioneer 45T11 RR (planted 5-23-16)

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

Stink Bug total = Green + Brown, adults + immatures; GCW = Green cloverworm; Looper = Cabbage + Soybean

Description			Kudzu bug	Kudzu bug	Kudzu bug	Kudzu bug	Stink Bug	GCW	Looper	Yield
Pest Stage Majority			Adult	Immature	Immature	Ad + Imm	Total	Total	Total	Bu/A
Rating Date			8/5/2016	8/5/2016	8/10/2016	9/1/2016	9/1/2016	9/1/2016	9/1/2016	9/27/2016
Trt-Eval Interval			3 DA-A	3 DA-A	8 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	5.8	b 0.8	b 0.8	b 5.3	a 4.3	a 1.0	a 11.0	a 85.4
2 Untreated			27.8	a 8.0	a 18.8	a 23.0	a 4.3	a 1.0	a 14.5	a 82.1

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