

University of Tennessee

Caterpillar Control in Grain Sorghum - Madison Co.

Location: West TN Research and Education Center - Jackson

Variety: Pioneer 84P80 (planted 6-8-16)

Application: 8-9-16; High clearance sprayer (9.1 GPA, 40 PSI, 8001FF)

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

Investigators: Stewart, S. Steckel, Williams

CEW = Corn Earworm; FAW = Fall Armyworm; SWW = Sorghum Webworm; % TLS = % Target Leaf Spot

Description			CEW	FAW	SWW	CEW	FAW	SWW	% TLS	Yield
Pest Stage Majority			Sm + Lg	Total	Total	Sm + Lg	Total	Total	%	Bu/A
Rating Date			8/15/2016	8/15/2016	8/15/2016	8/18/2016	8/18/2016	8/18/2016	8/31/2016	9/30/2016
Sample Size, Unit			6 Heads	6 Heads	6 Heads	10 Heads	10 Heads	10 Heads	1 Plot	
Trt-Eval Interval			6 DA-A	6 DA-A	6 DA-A	9 DA-A	9 DA-A	9 DA-A	22 DA-A	
Treatment	Formulation	Rate								
1	Prevathon	0.43 Lb/gal 6 fl oz/a	7.5 c	0.0 a	0.0 c	5.0 c	0.8 bc	1.0 bc	22.5 a	120.4 a
2	BlackHawk	36 % 1.7 oz wt/a	10.3 c	0.3 a	0.3 bc	9.8 c	0.3 c	0.0 c	.	118.8 a
3	Karate Z	2.08 Lb/gal 1.92 fl oz/a	24.3 b	0.5 a	5.5 a	23.8 b	3.3 ab	4.8 ab	.	103.7 b
4	Prevathon	0.43 Lb/gal 6 fl oz/a	7.8 c	0.3 a	2.0 b	8.8 c	0.3 c	0.3 c	3.5 b	118.7 a
	Headline	2.09 Lb/gal 6 fl oz/a								
5	Untreated		44.8 a	0.5 a	10.5 a	51.3 a	3.3 a	6.8 a	.	70.0 c

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