

University of Tennessee

Fawligen NPV trial on seedling corn (compared with standard) - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: DKC 65-17 RR2 (planted 8-21-2017)

Plots: 4 Rows x 40 ft (RCBD, 3 Reps)

Application: Appl A 9-14-17; Appl B 9-18-17; High clearance sprayer (9.2 GPA, 40 PSI, 8001FF)

Sample size: 160 Rowft (1 plot)

Investigators: Stewart, S. Steckel, Williams

Note: Fawligen is a nuclear polyhedrosis virus (NPV) with activity against fall armyworm.

FAW = Fall armyworm; # dam plants = # damaged plants; Lesser CSB = Lesser corn stalk borer

Description				FAW damage	FAW	Lesser CSB	FAW
Rating Date				0 - 9 scale	# dam plants	# dam plants	# dam plants
Days After First/Last Applic.				9/19/2017	9/21/2017	9/21/2017	9/26/2017
				1 DAB	3 DAB	3 DAB	8 DAB
Treatment	Formulation	Rate	Appl				
1 Fawligen		1.6 fl oz/a	AB	2.5 a	39.0 ab	9.3 a	67.0 a
2 Prevathon	0.43 lb/gal	10 fl oz/a	A	1.7 a	7.7 b	6.0 a	22.0 a
3 Untreated				3.3 a	87.3 a	15.0 a	142.7 a

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