

University of Tennessee

Regional Evaluation of Insecticide Seed Treatments for Field Corn - Gibson Co.

Location: Research and Education Center at Milan

Variety: DKC 67-75 (planted 4-13-2018)

Plots: 4 Rows x 30 ft (RCBD, 6 Reps)

Investigators: Stewart, S. Steckel, Williams

Description			Stand counts	Stand counts	Yield
Rating Date			5/4/2018	5/18/2018	9/4/2018
Sample Size, Unit			70 Rowft	60 Rowft	
Days After Emergence			6 DE-1	20 DE-1	bu/acre
Treatment	Formulation	Rate			
1 Non-treated			102.5 b	91.7 c	185.4 b
2 Poncho	600 ga/l	0.5 mg ai/seed	123.3 a	109.2 ab	212.8 a
3 Poncho Votivo	600 ga/l	0.5 mg ai/seed	121.5 a	111.2 a	212.2 a
4 Cruiser	5 lb/gal	0.5 mg ai/seed	122.5 a	108.2 ab	215.0 a
5 Cruiser Avicta	500 ga/l	0.5 mg ai/seed	118.7 a	105.5 b	202.1 ab
6 Poncho	600 ga/l	1.25 mg ai/seed	121.2 a	110.2 ab	218.2 a
7 Cruiser	5 lb/gal	1.25 mg ai/seed	121.2 a	107.5 ab	208.6 a
8 Poncho	600 ga/l	0.25 mg ai/seed	119.8 a	108.0 ab	211.7 a
9 Cruiser	5 lb/gal	0.25 mg ai/seed	121.0 a	107.7 ab	219.2 a
10 Cruiser Lumivia	5 lb/gal	0.25 mg ai/seed	122.7 a	108.5 ab	216.0 a
Treatment Prob(F)			0.0001	0.0001	0.0234

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

