

University of Tennessee

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

Location: West TN Research and Education Center - Jackson

Variety: See below (planted 4-11-2019)

Plots: 4 Rows x 35 ft (RCBD, 4 Reps)

Investigators: Stewart, S. Steckel, Williams

Description			Stand Counts	Stand Counts	Dead Heart	Yield
Rating Date			5/1/2019	5/6/2019	5/6/2019	9/9/2019
Sample Size			70 rowft	70 rowft	70 rowft	
Treatment	Formulation	Rate				
1 UNTREATED			117.3 a	118.3 a	0.8 a	216.5 a
2 PONCHO	600 GA/L	0.25 mg ai/seed	119.8 a	122.5 a	0.0 a	224.2 a
3 PONCHO	600 GA/L	0.5 mg ai/seed	119.8 a	121.8 a	0.0 a	220.3 a
4 PONCHO	600 GA/L	1.25 mg ai/seed	116.5 a	119.5 a	0.0 a	217.3 a
5 CRUISER	5 LB/GAL	0.25 mg ai/seed	117.0 a	119.0 a	0.3 a	213.7 a
6 CRUISER	5 LB/GAL	0.5 mg ai/seed	116.0 a	115.8 a	0.0 a	224.3 a
7 CRUISER	5 LB/GAL	1.25 mg ai/seed	118.3 a	121.3 a	0.0 a	221.8 a
8 AVICTA	500 GA/L	0.22 mg ai/seed	120.0 a	121.0 a	0.5 a	223.5 a
9 LUMIVIA		0.25 mg ai/seed	115.0 a	118.0 a	0.3 a	216.5 a
10 CRUISER	5 LB/GAL	0.25 mg ai/seed	114.0 a	118.5 a	0.0 a	213.8 a
LUMIVIA		0.25 mg ai/seed				
Treatment Prob(F)			0.3482	0.1258	0.1695	0.6818

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