

University of Tennessee

Regional Insecticide Seed Treatment Trial in Field Corn - Gibson Co.

Location: Research and Education Center at Milan

Variety: DeKalb DKC 66-87 VT2P (planted 4-15-16)

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

Investigators: Stewart, S.Steckel, Williams

Description			Stand counts	Stand counts	Stand counts	Yield
Rating Date			5/3/2016	5/11/2016	5/25/2016	9/7/2016
Sample Size, Unit			70 Rowft	70 Rowft	60 Rowft	Bu/A
Plant-Eval Interval			18 DAP	26 DAP	40 DAP	145 DAP
Treatment	Formulation	Rate				
1	UNTREATED		124.5 a	124.8 a	114.8 a	255.4 a
2	PONCHO 600 GAL	0.5 mg ai/seed	125.5 a	127.5 a	118.5 a	248.9 a
3	PONCHO 600 GAL VOTIVO	0.5 mg ai/seed	127.5 a	127.8 a	118.3 a	253.1 a
4	CRUISER 5 LB/GAL	0.5 mg ai/seed	122.3 a	118.0 a	116.0 a	252.1 a
5	AVICTA 500 GAL		128.5 a	128.0 a	117.8 a	250.3 a
6	PONCHO 600 GAL	1.25 mg ai/seed	126.5 a	130.0 a	117.3 a	260.8 a
7	CRUISER 5 LB/GAL	1.25 mg ai/seed	127.3 a	130.8 a	119.2 a	247.1 a
8	PONCHO 600 GAL	0.25 mg ai/seed	130.3 a	132.3 a	116.5 a	248.6 a
9	CRUISER 5 LB/GAL	0.25 mg ai/seed	127.3 a	129.8 a	117.7 a	246.9 a
10	CRUISER 5 LB/GAL LUMIVIA	0.25 mg ai/seed 0.25 mg ai/seed	124.7 a	129.3 a	117.4 a	260.6 a

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