

University of Tennessee

Economics of Bt Corn Traits - Late planted - Gibson Co.

Location: Research and Education Center at Milan

Variety: See below (planted 5-7-2018)

Plots: 4 Rows x 30 ft (RCBD, 5 Reps)

Investigators: Stewart, S. Steckel, Williams

CEW = Corn earworm; # dam ears = # damaged ears; # dam ker = # damaged kernels;

SWCB = Southwestern corn borer; # tunneled = # tunneled plants

Description	CEW # dam ears	CEW Total CEW	CEW # dam ker	SWCB # tunneled	SWCB # tunnels	Yield
Rating Date	7/16/2018	7/16/2018	7/16/2018	8/31/2018	8/31/2018	9/7/2018
Sample Size, Unit	10 Ears	10 Ears	10 Ears	10 Plants	10 Plants	bu/acre
Treatment						
1 DKC67-70RR2 (non-Bt)	2.6 ab	1.6 a	10.8 ab	7.8 a	29.6 a	222.5 bc
2 DKC67-72VT2P	1.6 abc	1.2 a	5.0 bc			238.4 a
3 P1637R (non-Bt)	3.0 a	2.0 a	15.0 a	6.4 a	31.4 a	214.9 c
4 P1637YHR	1.0 bc	0.8 a	1.6 c			237.2 a
5 P1637VYHR	0.0 c	0.0 a	0.0 c			232.0 ab
Treatment Prob(F)	0.0107	0.0794	0.0007	0.1599	0.8296	0.0157

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

