

# University of Tennessee

## Economics of Bt Corn Traits - Early planted - Gibson Co.

Location: Research and Education Center at Milan

Variety: See below (planted 4-20-2018)

Plots: 4 Rows x 30 ft (RCBD, 4 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	7/10/2018	7/10/2018	7/10/2018	8/31/2018	8/31/2018	9/4/2018
Sample Size, Unit	10 Ears	10 Ears	10 Ears	10 Plants	10 Plants	Bu/A
Treatment						
1 DKC67-70RR2 (non-Bt)	4.5 a	0.8 a	21.5 a	8.3 a	40.8 a	215.6 bc
2 DKC67-72VT2P	1.3 b	0.5 a	2.3 b			234.1 ab
3 P1637R (non-Bt)	1.0 b	0.3 a	2.8 b	8.5 a	41.8 a	199.5 c
4 P1637YHR	1.0 b	0.3 a	3.3 b			231.3 ab
5 P1637VYHR	0.0 b	0.0 a	0.0 b			245.1 a
Treatment Prob(F)	0.0014	0.7978	0.0144	0.7608	0.8281	0.0198

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

