

University of Tennessee

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

Location: Research and Education Center at Milan

Variety: (planted 5-8-2017)

Plots: 4 Rows x 30 ft (RCBD, 6 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	Stand Counts	CEW # dam ears	CEW Total CEW	CEW # dam ker	SWCB # tunneled	SWCB # tunnels	Yield
Rating Date	5/30/2017	7/27/2017	7/27/2017	7/27/2017	9/8/2017	9/8/2017	9/20/2017
Sample Size, Unit	60 Rowft	10 Ears	10 Ears	10 Ears	10 Plants	10 Plants	Bu/Acre
Trt-Eval Interval	22 DAP	80 DAP	80 DAP	80 DAP	123 DAP	123 DAP	135 DAP
Treatment							
1 DKC67-70RR2	127.7 a	10.0 a	3.3 b	40.0 cd	2.5 a	12.5 a	220.4 a
2 DKC67-72VT2P	118.7 b	9.5 b	7.5 a	29.3 d			219.0 a
3 P1319R	126.0 a	10.0 a	2.8 b	56.8 b	1.8 a	4.8 a	217.9 a
4 P1319HR	126.8 a	9.8 ab	4.8 b	71.5 a			223.7 a
5 P1319YHR	127.7 a	10.0 a	8.8 a	40.8 c			220.8 a
6 P1319VYHR	124.0 ab	0.0 c	0.0 c	0.0 e			221.8 a

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

Yield (bu/acre)

