

University of Tennessee

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

Location: Research and Education Center at Milan

Variety: (planted 4-20-2017)

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	5/10/2017	7/19/2017	7/19/2017	7/19/2017	9/8/2017	9/8/2017	9/18/2017
Sample Size, Unit	70 Rowft	10 Ears	10 Ears	10 Ears	10 Plants	10 Plants	Bu/A
Trt-Eval Interval	20 DAP	90 DAP	90 DAP	90 DAP	141 DAP	141 DAP	151 DAP
Treatment							
1 DKC67-70RR2	132.3 a	1.5 b	0.5 c	11.8 bc	2.0 a	4.8 a	240.7 ab
2 DKC67-72VT2P	126.8 a	1.0 b	0.8 bc	4.8 c			246.1 a
3 P1319R	130.0 a	3.8 a	2.3 ab	37.3 a	2.0 a	4.8 a	232.0 b
4 P1319HR	129.2 a	4.0 a	3.0 a	23.5 b			242.2 ab
5 P1319YHR	128.3 a	1.8 b	1.3 bc	6.3 c			215.8 c
6 P1319VYHR	127.5 a	0.0 b	0.0 c	0.0 c			218.6 c

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

