

University of Tennessee

Economics of Bt Corn Traits - Late Planted - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: (planted: 4-25-16)

Plots: 4 Rows x 40 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	Stand Counts	CEW # dam ears	CEW Total larvae	CEW # dam ker	SWCB # tunneled	SWCB # tunnels	Yield Bu/A
Rating Date	5/10/2016	7/15/2016	7/15/2016	8/3/2016	8/26/2016	8/26/2016	9/6/2016
Sample Size, Unit	80 Rowft	10 Ears	10 Ears	10 Ears	10 Plants	10 Plants	
Plant-Eval Interval	15 DAP	81 DAP	81 DAP	100 DAP	123 DAP	123 DAP	134 DAP
Treatment							
1 DKC66-94RR2	135.8 a	1.3 a	0.8 a	27.5 a	8.3 a	28.3 a	187.6 a
2 DKC66-97VT2P	128.3 a	0.0 a	0.0 a	5.0 bc	.	.	190.8 a
3 P1319R	128.5 a	2.5 a	3.3 a	48.0 a	7.5 a	29.0 a	174.4 a
4 P1319HR	132.8 a	1.0 a	0.8 a	9.0 bc	.	.	198.1 a
5 P1319YHR	125.5 a	0.8 a	0.8 a	21.3 ab	.	.	186.0 a
6 P1319VYHR	128.0 a	0.0 a	0.0 a	0.0 c	.	.	179.7 a

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