

# University of Tennessee

## Economics of Bt Corn Traits - Early Planted - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: (planted: 4-5-16)

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 # dam ker	SWCB # tunneled	SWCB # tunnels	Yield Bu/A
Rating Date	4/27/2016	7/8/2016	7/20/2016	8/24/2016	8/24/2016	8/30/2016
Sample Size, Unit	80 Rowft	10 Ears	10 Ears	10 Plants	10 Plants	
Plant-Eval Interval	22 DAP	94 DAP	106 DAP	141 DAP	141 DAP	147 DAP
Treatment						
1 DKC66-94RR2	142.5 a	0.8 a	12.8 a	8.8 a	37.0 a	176.6 a
2 DKC66-97VT2P	142.0 a	0.5 a	1.3 a	.	.	180.3 a
3 P1319R	137.3 a	1.8 a	2.0 a	9.0 a	38.5 a	181.0 a
4 P1319HR	141.5 a	0.3 a	1.3 a	.	.	194.9 a
5 P1319YHR	142.3 a	0.8 a	1.3 a	.	.	183.4 a
6 P1319VYHR	137.0 a	0.5 a	0.0 a	.	.	176.1 a

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