

University of Tennessee

Bt Traits in Cotton for Caterpillar Pests - Early Planted - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: (planted: 5-16-16)

Plots: 4 Rows x 35 ft (RCBD, 4 Reps)

Investigators: Stewart, S.Steckel, Williams

Dam. Sq.= Damaged Squares; Dam. Bolls = Damaged bolls; CEW = bollworm larvae; Dam. Flo. = Damaged Flowers

Description	Dam. Sq.	Dam. Bolls	CEW	Dam. Sq.	Dam. Bolls	Dam. Flo.	CEW	Dam. Sq.	Dam. Bolls	CEW	Dam. Bolls	CEW	Seed Cotton	
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	lbs/acre	
Rating Date	8/9/2016	8/9/2016	8/9/2016	8/15/2016	8/15/2016	8/15/2016	8/15/2016	8/19/2016	8/19/2016	8/19/2016	8/24/2016	8/24/2016	9/29/2016	
Sample Size, Unit	25 Square	25 Boll	50 Fruit	25 Square	25 Boll	25 Flower	75 Fruit	25 Square	25 Boll	75 FRUIT	50 Boll	50 Boll	1 Acre	
Plant-Eval Interval	85 DP-1	85 DP-1	85 DP-1	91 DP-1	91 DP-1	91 DP-1	91 DP-1	95 DP-1	95 DP-1	95 DP-1	100 DP-1	100 DP-1	136 DP-1	
Treatment	App													
1 PHY 496W3RF	A	0.3 b	0.0 b	0.0 a	0.0 b	0.0 b	0.0 b	0.0 b	0.0 b	0.0 a	0.0 b	0.0 b	0.0 a	4037.5 a
2 PHY 499 WRF	A	0.5 b	0.5 b	0.3 a	1.3 b	0.8 b	0.3 b	1.0 b	0.3 b	0.8 a	0.8 b	3.3 b	1.0 a	4002.6 a
3 PHY 425RF	A	4.5 a	3.0 a	1.0 a	5.3 a	5.8 a	1.8 a	6.3 a	3.8 a	3.5 a	3.0 a	12.0 a	2.3 a	3485.5 b

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