

University of Tennessee

Bt Traits for Catepillar Pests in Cotton - Late Planted - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: (planted: 6-5-2018)

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

Investigators: Stewart, S.Steckel, Williams

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

Description	Dam. Sq.	Dam Bolls	Dam. Flo.	Total dam.	CEW	Dam. Sq.	Dam Bolls	Dam. Flo.	Total dam.	CEW	Dam Bolls	Seed cotton
Pest Stage Majority	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
Rating Date	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/28/2018	8/28/2018	8/28/2018	8/28/2018	8/28/2018	9/5/2018	10/8/2018
Sample Size, Unit	25 Square	25 Boll	25 Flower	75 Fruit	75 Fruit	25 Square	25 Boll	25 Flower	75 Fruit	75 Fruit	50 boll	lbs/a
Treatment												
1 PHY480W3FE	0.00 b	0.00 c	0.00 a	0.00 b	0.00 b	0.50 b	0.00 b	0.00 c	0.50 c	0.25 c	0.75 c	3133 a
2 PHY444WRF	0.50 b	1.75 b	1.00 a	3.25 b	3.50 a	1.50 b	2.75 a	1.50 b	5.75 b	2.25 b	11.50 b	2917 b
3 PHY425RF	5.25 a	3.50 a	1.75 a	10.50 a	4.50 a	6.25 a	6.00 a	3.50 a	15.75 a	5.00 a	15.50 a	2644 c
Treatment Prob(F)	0.0019	0.0045	0.1752	0.0022	0.0256	0.0083	0.0020	0.0001	0.0008	0.0001	0.0001	0.0013

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

