

University of Tennessee

Thrips Variety Trial - Madison Co.

Location: West TN Research and Education Center - Jackson

Variety: (planted 5-9-16)

All seed treated with the same fungicide and insecticide seed treatments

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

Investigators: Stewart, S.Steckel, Williams

Description	Thrips Injury	Thrips counts	Thrips counts	Thrips counts	Thrips Injury	Vigor	Thrips counts	Thrips counts	Thrips counts	Seed cotton
Pest Stage Majority	0 - 5 scale	Adult	Immature	Adult + Imm.	0 - 5 scale	0 - 5 scale	Adult	Immature	Adult + Imm.	lbs/acre
Rating Date	5/31/2016	5/31/2016	5/31/2016	5/31/2016	6/3/2016	6/3/2016	6/6/2016	6/6/2016	6/6/2016	9/23/2016
Sample Size, Unit	1 Plot	5 Plants	5 Plants	5 Plants	1 Plot	1 Plot	5 Plants	5 Plants	5 Plants	1 acre
Plant-Eval Interval	22 DP-1	22 DP-1	22 DP-1	22 DP-1	25 DP-1	25 DP-1	28 DP-1	28 DP-1	28 DP-1	
Variety										
1 ST4747	2.5 a	11.5 a	72.5 a	84.0 a	3.0 a	3.4 bc	10.0 a	71.3 a	81.3 a	3647.2 a
2 ST4946	2.4 a	11.8 a	71.0 a	82.8 a	3.0 a	3.8 a	6.8 a	47.3 a	54.0 a	3825.1 a
3 DP1410	2.3 a	8.3 a	85.0 a	93.3 a	3.0 a	3.4 bc	6.0 a	68.0 a	74.0 a	3422.1 a
4 DP1538	2.5 a	9.3 a	60.0 a	69.3 a	3.3 a	3.3 c	8.0 a	53.5 a	61.5 a	2605.6 b
5 DP1518	2.6 a	11.8 a	44.8 a	56.5 a	3.3 a	3.6 ab	12.3 a	47.3 a	59.5 a	3482.5 a
6 DP1646	2.8 a	13.0 a	117.5 a	130.5 a	3.6 a	3.2 c	8.8 a	46.3 a	55.0 a	2891.2 b
7 PHY339	2.7 a	10.5 a	96.5 a	107.0 a	3.0 a	3.6 ab	7.3 a	57.3 a	64.5 a	3819.7 a

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