

University of Tennessee

Evaluation of Newer Nozzle Technology for Control of Plant Bugs in Flowering Cotton - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: PHY 333 WRF

Application: 7-22-16; High clearance sprayer (10 GPA)

Rating: 2 drop cloths per plot (10 row ft)

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

Investigators: Stewart, S.Steckel, Williams

TPB= Tarnished Plant Bug; Total PB = Tarnished + Clouded

Description			TPB Adult	TPB Immature	Total PB Adult + Imm.
Rating Date			7/26/2016	7/26/2016	7/26/2016
Trt-Eval Interval			4 DA-A	4 DA-A	4 DA-A
Treatment	Formulation	Rate			
1 Orthene Flat Fan @ 40psi	97 %	0.75 lb/a	0.0 a	4.8 b	4.8 b
2 Orthene AIXR @ 40psi	97 %	0.75 lb/a	0.3 a	6.0 b	6.3 b
3 Orthene TTI @ 40psi	97 %	0.75 lb/a	0.8 a	6.8 b	7.5 b
4 Orthene Wilger Y @ Manufacturer's Specification	97 %	0.75 lb/a	0.5 a	8.8 b	9.3 b
5 Orthene Wilger DR @ Manufacturer's Specification	97 %	0.75 lb/a	0.3 a	5.3 b	5.5 b
6 Untreated			0.8 a	50.0 a	50.8 a

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