

University of Tennessee

Nozzle Selection for Thrips Control - Madison co.

Location: West TN Research and Education Center - Jackson

Variety: PHY 333 WRF (planted 5-14-16)

All seed treated with a fungicide seed treatment

Application: Appl A 6-1-16; High clearance sprayer (target 15 GPA)

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

Investigators: Stewart, S.Steckel, Williams

Description			Thrips counts	Thrips counts	Thrips counts
Pest Stage Majority			Adult	Immature	Adult + Imm.
Rating Date			6/3/2016	6/3/2016	6/3/2016
Sample Size, Unit			5 Plants	5 Plants	5 Plants
Trt-Eval Interval			2 DA-A	2 DA-A	2 DA-A
Treatment	Formulation	Rate			
1 Orthene Flat Fan @ 40psi	97 %	0.25 lb/a	2.7 a	24.3 a	27.0 a
2 Orthene AIXR @ 40psi	97 %	0.25 lb/a	3.0 a	27.7 a	30.7 a
3 Orthene TTI @ 40psi	97 %	0.25 lb/a	2.8 a	30.3 a	33.0 a
4 Orthene Wilger Y @ Manufacturer's Specification	97 %	0.25 lb/a	3.7 a	24.3 a	28.0 a
5 Orthene Prototype nozzle @ Manufacturer's Specification	97 %	0.25 lb/a	1.3 a	28.7 a	30.0 a

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