

University of Tennessee

Spider Mite Insecticide Efficacy in Cotton - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: (planted: 5-24-16)

Application: Appl A 7-22-16; ; High clearance sprayer (9.1 GPA, 40 PSI, 8001FF)

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

Investigators: Stewart, S.Steckel, Williams

Description				Spider Mite Counts	
Rating Date				Total	
Sample Size, Unit				7/26/2016	
Trt-Eval Interval				10 square inches	
				4 DA-A	
Treatment	Formulation	Rate	Appl		
1 Untreated				33.3	a
2 Zeal	2.88 lb/gal	3 fl oz/a	A	13.3	b
NIS	100 %	0.25 % v/v	A		
3 Zeal	2.88 lb/gal	4 fl oz/a	A	3.0	b
NIS	100 %	0.25 % v/v	A		
4 Zeal	2.88 lb/gal	6 fl oz/a	A	2.8	b
NIS	100 %	0.25 % v/v	A		
5 Comite II	6 lb/gal	3.375 pt/a	A	8.3	b
NIS	100 %	0.25 % v/v	A		
6 Oberon	2 lb/gal	8.5 fl oz/a	A	3.3	b
NIS	100 %	0.25 % v/v	A		
7 Onager	1 lb/gal	18 fl oz/a	A	7.0	b
NIS	100 %	0.25 % v/v	A		

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