

University of Tennessee

Large Plot Foliar Trial on Top of Untreated Wheat Seed - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: Pioneer 26R10, no insecticide seed treatment (planted 10-18-2016)

Plots: 25 ft x 500 ft (RCBD, 4 Reps)

Application: 2-13-17; High clearance sprayer (10 GPA, 40 PSI, 8001FF)

Investigators: Stewart, S. Steckel, Williams

BYDV = Flag leaves with symptomology of barley yellow dwarf virus

Description				Aphid counts	Winged aphids	BYDV Flag leaves	Yield
Rating Date				3/20/2017	3/20/2017	4/7/2017	6/9/2017
Sample Size, Unit				3 Rowft	3 Rowft	60 sq ft	Bu/A
Days After First/Last Applic.				153 35	153 35	171 53	234 116
Treatment	Formulation	Rate	Appl				
1 Karate Z	2.08 Lb/gal	1.5 fl oz/a	A	0.00 b	0.25 a	17.00 b	85.68 a
2 Untreated				90.25 a	0.25 a	53.50 a	80.38 b

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