

University of Tennessee

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

Location: West TN Research and Education Center (Jackson)

Variety: Pioneer 26R10, Imidacloprid insecticide seed treatment (planted 10/16/15)

Application: 1/29/16; High Clearance Sprayer (12 GPA, 40 psi, 80015FF)

Plots: 25 ft x 600 ft (RCBD 4 Reps)

Investigators: Stewart, S. Steckel, Williams

BYDV = Flag leaves with symptomology of barley yellow dwarf virus

Description			Winged aphids	Aphid counts	BYDV	Yield
Pest Stage Majority					Flag leaves	
Rating Date			3/18/2016	3/18/2016	4/13/2016	6/9/2016
Sample Size, Unit			4 ROWFT	4 ROWFT	300 FT2	1 acre
Trt-Eval Interval			49 DA-B	49 DA-B		
Treatment	Rate	Appl				
1 Karate Z	1.5 fl oz/a	A	0.3 a	1.8 a	8.0 b	95.3 a
2 Untreated		A	0.0 a	2.3 a	16.5 a	97.8 a

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