

# 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 seed treatment (planted 10-18-2016)

Plots: 25 ft x 1000 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.				35 DA-B	35 DA-B	53 DA-B	116 DA-B
Treatment	Formulation	Rate	Appl				
1 Karate Z	2.08 LB/GAL	1.5 fl oz/a	A	0.0 b	0.8 a	5.8 a	91.1 a
2 Untreated				33.3 a	0.0 a	11.3 a	85.9 b

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