

University of Tennessee

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

Location: West TN Research and Education Center (Jackson)

Variety: Pioneer 26R10, Untreated (planted 10/16/15)

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

Plots: 25 ft x 400 ft (RCBD 4 Reps)

Investigators: Stewart, S. Steckel, Williams

BYDV = Flag leaves with symptomology of barley yellow dwarf virus

Description			Aphid counts	Winged aphids	Aphid counts	Total aphids	BYDV	Yield
Pest Stage Majority							Flag leaves	
Rating Date			11/10/2015	3/18/2016	3/18/2016	3/18/2016	4/13/2016	6/9/2016
Sample Size, Unit			3 rowft	4 rowft	4 rowft	4 rowft	300 f ²	1 acre
Trt-Eval Interval			-80 DA-A	49 DA-A	49 DA-A	49 DA-A		132 DA-A
Treatment	Rate	Appl						
1 Karate Z	1.5 fl oz/a	A	4.5 a	1.0 a	1.5 b	2.5 b	16.5 b	89.0 a
2 Untreated		A	5.8 a	2.8 a	10.5 a	13.3 a	63.5 a	86.5 a

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