

University of Tennessee

Small Plot Foliar Trial on Untreated Wheat Seed - Late application timing - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: Pioneer 26R10, no insecticide seed treatment (planted 10-16-2017)

Plots: 5 ft x 35 ft (RCBD, 18 Reps)

Application: 3-21-18; CO2 backpack sprayer (10 GPA, 34 PSI, 8001FF)

Investigators: Stewart, S. Steckel, Williams

Note: Insecticide application made late season to established aphid population.

BYDV = Flag leaves with symptomology of barley yellow dwarf virus

Description			Aphid counts	BYDV	Yield
Rating Date			4/3/2018	5/1/2018	6/7/2018
Sample Size, Unit			4 Row ft	1 Plot	Bu/acre
Trt-Eval Interval			13 DA-A	41 DA-A	78 DA-A
Treatment	Formulation	Rate			
1 Karate Z	2.08 lb/gal	1.5 fl oz/a	0.75 b	25.78 a	72.5 a
2 Untreated			38.00 a	31.83 a	71.9 a
Treatment Prob(F)			0.0178	0.1373	0.6527

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