

# University of Tennessee

## Foliar Insecticides for Sugarcane Aphid in Sorghum - Gibson Co.

Location: Research and Education Center at Milan

Variety: Pioneer 84P80 (planted 5-25-16)

Application: 7-29-16; High clearance sprayer (9.1 GPA, 40 PSI, 8001FF)

Rating: Aphid counts on 5 leaves per plot

Plot: 5 rows x 35 ft (RCBD, 4 Reps)

Investigators: Stewart, S. Steckel, Williams

SCA = Sugarcane aphid

Description			SCA Upper leaf	SCA Lower leaf	SCA Upper leaf	SCA Lower leaf	SCA Upper leaf	SCA Lower leaf	SCA Upper leaf	SCA Upper leaf	Yield Bu/A
Rating Date			8/1/2016	8/1/2016	8/5/2016	8/5/2016	8/8/2016	8/8/2016	8/12/2016	8/16/2016	11/3/2016
Trt-Eval Interval			3 DA-A	3 DA-A	7 DA-A	7 DA-A	10 DA-A	10 DA-A	14 DA-A	18 DA-A	97 DA-A
Treatment	Formulation	Rate									
1 Untreated			548.9 a	1208.5 a	872.5 a	865.0 a	1325.0 a	1540.0 a	530.0 a	250.3 c	23.9 c
2 Strafer	70 %	3.0 oz wt/a	6.1 b	406.0 bc	15.6 b	486.9 b	80.1 b	942.0 a	435.0 ab	555.0 ab	57.5 b
3 Strafer	70 %	3.5 oz wt/a	4.2 bc	379.8 b	7.9 b	166.1 bc	54.3 b	226.1 b	373.8 bc	611.4 a	56.5 b
4 Transform	50 %	1.0 oz wt/a	2.0 bc	82.3 bc	9.3 b	90.3 c	138.6 b	358.8 b	247.5 c	216.3 bc	59.5 b
5 Sivanto	1.67 lb/gal	4.0 fl oz/a	1.6 b	48.6 b	1.5 c	77.9 c	2.4 c	2.5 c	7.4 d	3.0 d	86.9 a

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

