

University of Tennessee

Foliar Application for Cotton Aphids - Madison Co.

Location: West TN Research and Education Center - Jackson

Application: 7-27-2017; High Clearance Sprayer (9.2 GPA, 40 PSI, 8001FF)

Rating: 10 leaves per plot

Plots: 4 Rows x 35 ft (RCBD, 4 Reps)

Investigators: Stewart, S.Steckel, Williams

| Description | | | Aphid Counts | Aphid Counts |
|-------------------|-------------|-------------|--------------|--------------|
| Rating Date | | | 7/31/2017 | 8/3/2017 |
| Sample Size, Unit | | | 10 Leaves | 10 Leaves |
| Trt-Eval Interval | | | 4 DA-A | 7 DA-A |
| Treatment | Formulation | Rate | | |
| 1 Centric | 40 % | 2 oz wt/a | 314.3 a | 156.8 b |
| 2 Carbine | 50 % | 2 oz wt/a | 54.5 b | 11.0 c |
| 3 Transform | 50 % | 1 oz wt/a | 11.5 c | 10.5 c |
| 4 Intruder | 70 % | 1.1 oz wt/a | 46.0 b | 20.0 c |
| 5 Bidrin | 8 lb/gal | 6 fl oz/a | 58.3 b | 51.0 c |
| 6 Untreated Check | | | 522.0 a | 287.8 a |

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

