

University of Tennessee

Crockett County Spider Mite Trial

Location: Crockett County, TN
 Application: 7-18-08, Backpack Sprayer (12.4 GPA, 40 PSI, FF 80015)
 Plots: 3 Rows x 50 ft (RCBD, 3 Reps)
 Investigators: Stewart, Willis, S. Steckel

| Pest Name | | | Spider mite | Spider mite |
|-------------------|-------------------------|------------|-------------|-------------|
| Description | | | Counts | Counts |
| Rating Date | | | 7/22/2008 | 7/25/2008 |
| Sample Size | | | 10 | 10 |
| Sample Size Unit | | | IN2 | IN2 |
| Trt-Eval Interval | | | 4 DA-A | 7 DA-A |
| Trt | Treatment Name | Rate | | |
| 1 | Untreated Check | | 130.33 a | 121.00 a |
| 2 | Oberon | 4 SC | 29.67 b | 8.67 c |
| | NIS | 100 SL | | |
| | | 0.25 % v/v | | |
| 3 | Oberon | 4 SC | 34.33 b | 4.67 c |
| | NIS | 100 SL | | |
| | | 0.25 % v/v | | |
| 4 | Oberon | 4 SC | 24.33 b | 3.67 c |
| | NIS | 100 SL | | |
| | | 0.25 % v/v | | |
| | UAN 28% | 28 SL | | |
| | | 1.5 qt/a | | |
| 5 | Oberon | 4 SC | 10.33 b | 3.33 c |
| | NIS | 100 SL | | |
| | | 0.25 % v/v | | |
| | UAN 28% | 28 SL | | |
| | | 1.5 qt/a | | |
| 6 | Zoro | 0.15 EC | 22.67 b | 0.67 c |
| | Horticultural Spray Oil | 100 SL | | |
| | | 1 % v/v | | |
| 7 | Zoro | 0.15 EC | 27.00 b | 3.67 c |
| | Horticultural Spray Oil | 100 SL | | |
| | | 1 % v/v | | |
| 8 | Zephyr | 0.15 EC | 12.00 b | 3.00 c |
| | Horticultural Spray Oil | 100 SL | | |
| | | 1 % v/v | | |
| 9 | Dicofol | 4 EC | 20.00 b | 3.67 c |
| | NIS | 100 SL | | |
| | | 0.25 % v/v | | |
| 10 | Discipline | 2 EC | 26.67 b | 78.67 b |
| | NIS | 100 SL | | |
| | | 0.25 % v/v | | |

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

Mite in Cotton - Backpack Applied July 18, 2008 (Crockett Co., TN)

