

# University of Tennessee

## Insecticide Tankmix - Lauderdale Co.

Location: Lauderdale County, TN

Variety: PHY 375 WRF (planted 5-23-08)

Application: 7-28-08 and 8-11-08, High clearance sprayer (8 GPA, 46 PSI, FF 8001)

Rating: 2 drop cloths per plot (10 row ft)

Plots: 4 Rows x 50 ft (BCBD, 4 Reps)

Investigators: Stewart, Willis, S. Steckel

Total PB = Total Plant Bugs (Tarnished + Clouded)

Total SB = Total Stink Bugs (Green + Brown), Total Bugs = Total Plant Bugs + Total Stink Bugs

Description			Total PB	Total SB	Total Bugs	Total PB	Total SB	Total Bugs
Rating Date			7/31/2008	7/31/2008	7/31/2008	8/5/2008	8/5/2008	8/5/2008
Pest Stage			Total	Total	Total	Total	Total	Total
Trt-Eval Interval			3 DA-A	3 DA-A	3 DA-A	8 DA-A	8 DA-A	8 DA-A
Treatment		Rate						
1 Diamond	0.83 EC	3 fl oz/a	3.75 a	0.75 a	4.50 a	7.00 ab	2.25 a	9.25 b
2 Diamond	0.83 EC	4 fl oz/a	3.00 a	0.75 a	3.75 a	4.25 bc	0.50 a	4.75 c
3 Diamond	0.83 EC	6 fl oz/a	4.00 a	1.50 a	5.50 a	3.25 c	1.00 a	4.25 c
4 Diamond	0.83 EC	3 fl oz/a	4.50 a	0.25 a	4.75 a	5.25 bc	0.50 a	5.75 c
KarateZ	2.08 CS	1.96 fl oz/a						
5 Diamond	0.83 EC	4 fl oz/a	2.00 a	0.00 a	2.00 a	2.50 c	0.75 a	3.25 c
KarateZ	2.08 CS	1.96 fl oz/a						
6 Diamond	0.83 EC	6 fl oz/a	3.50 a	0.50 a	4.00 a	2.75 c	0.75 a	3.50 c
KarateZ	2.08 CS	1.96 fl oz/a						
7 KarateZ	2.08 CS	1.96 fl oz/a	4.25 a	0.50 a	4.75 a	4.25 bc	0.75 a	5.00 c
8 Untreated Check			6.00 a	0.75 a	6.75 a	9.50 a	3.50 a	13.00 a

Description			Total PB	Total SB	Total Bugs
Rating Date			8/15/2008	8/15/2008	8/15/2008
Pest Stage			Total	Total	Total
Trt-Eval Interval			4 DA-B	4 DA-B	4 DA-B
Treatment		Rate			
1 Diamond	0.83 EC	3 fl oz/a	3.75 bc	1.25 a	5.00 bc
2 Diamond	0.83 EC	4 fl oz/a	4.25 bc	0.75 a	5.00 bc
3 Diamond	0.83 EC	6 fl oz/a	2.33 c	0.67 a	3.00 c
4 Diamond	0.83 EC	3 fl oz/a	1.50 cd	0.50 a	2.00 cd
KarateZ	2.08 CS	1.96 fl oz/a			
5 Diamond	0.83 EC	4 fl oz/a	2.67 bc	0.67 a	3.33 c
KarateZ	2.08 CS	1.96 fl oz/a			
6 Diamond	0.83 EC	6 fl oz/a	0.25 d	0.00 a	0.25 d
KarateZ	2.08 CS	1.96 fl oz/a			
7 KarateZ	2.08 CS	1.96 fl oz/a	5.50 b	1.25 a	6.75 b
8 Untreated Check			15.75 a	0.75 a	16.50 a

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

