

University of Tennessee

Plant Bug Trial in Cotton - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: PHY 375 WRF (planted 4-29-09)

Application: 7-14-09, High clearance sprayer (8 GPA, 45 PSI, FF 8001)

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

Plots: 4 rows x 30 ft (RCBD, 4 Reps)

Investigators: Stewart, S. Steckel

Pest Name					Tarnished PB	Clouded PB	Total PB	Tarnished PB	Clouded PB	Total PB
Pest Stage					Immature	Immature	Ad + Imm	Immature	Immature	Ad + Imm
Rating Date					7/20/2009	7/20/2009	7/20/2009	7/29/2009	7/29/2009	7/29/2009
Trt-Eval Interval					6 DA-A	6 DA-A	6 DA-A	15 DA-A	15 DA-A	15 DA-A
Treatment		Rate								
1	Untreated				4.25 a	0.00 a	4.75 ab	0.75 a	1.50 a	2.25 a
2	Diamond	0.83 LB/GAL	4 fl oz/a		2.00 a	0.00 a	2.00 c	1.75 a	0.00 a	1.75 a
3	Diamond	0.83 LB/GAL	6 fl oz/a		4.50 a	0.25 a	5.25 a	0.75 a	1.50 a	2.25 a
4	Diamond	0.83 LB/GAL	4 fl oz/a		2.50 a	0.00 a	2.75 bc	2.25 a	0.25 a	2.50 a
	Bidrin	8 LB/GAL	4 fl oz/a							
5	Diamond	0.83 LB/GAL	6 fl oz/a		2.75 a	0.00 a	2.75 bc	1.25 a	1.25 a	2.50 a
	Bidrin	8 LB/GAL	4 fl oz/a							
6	Diamond	0.83 LB/GAL	6 fl oz/a		1.50 a	0.00 a	1.50 c	0.75 a	0.25 a	1.00 a
	Bidrin	8 LB/GAL	6 fl oz/a							
7	Bidrin	8 LB/GAL	4 fl oz/a		2.25 a	0.00 a	2.50 bc	3.50 a	0.75 a	4.25 a
8	Bidrin	8 LB/GAL	6 fl oz/a		0.75 a	0.00 a	0.75 c	1.00 a	0.00 a	1.00 a

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