

University of Tennessee

Foliar Applications for Tarnished Plant Bug - Madison Co.

Location: West TN Research and Education Center (Jackson)

Variety: DP1522 B2XF (planted: 5-19-16)

Application: Appl A 7-6-16; High clearance sprayer (12.0 GPA, 40 PSI, 80015FF)

Rating: 25 Sweeps, 50 sweeps, and 4 drop cloths per plot (20 row ft)

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

Investigators: Stewart, S.Steckel, Williams

TPB= Tarnished Plant Bug; Total PB = Tarnished + Clouded

Description				TPB	TPB	TPB	TPB	Total PB	TPB	TPB	Total PB
				Adult	Adult	Adult	Immature	Adult + Imm.	Adult	Immature	Adult + Imm.
Rating Date				7/11/2016	7/12/2016	7/15/2016	7/15/2016	7/15/2016	7/15/2016	7/15/2016	7/15/2016
Sample Size, Unit				25 Sweep	25 Sweep	50 Sweep	50 Sweep	50 Sweep	20 Row-ft	20 Row-ft	20 Row-ft
Trt-Eval Interval				5 DA-A	6 DA-A	9 DA-A	9 DA-A	9 DA-A	9 DA-A	9 DA-A	9 DA-A
Treatment	Formulation	Rate	Appl								
1 Belay	2.13 lb/gal	3.5 fl oz/a	A	2.750 a	2.750 a	10.250 a	0.500 a	11.250 a	0.750 a	15.500 a	16.250 a
2 Centric	40 %	1.25 oz wt/a	A	4.000 a	2.500 a	10.500 a	0.250 a	10.750 a	0.750 a	19.250 a	20.000 a
Couraze Max	4 lb/gal	2 fl oz/a	A								

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