

# University of Tennessee

Small Plot Seed Treatment Trial for Dectes in Soybean - Gibson Co.

Location: Research and Education Center at Milan

Variety: Merschman Rocky 4.6 RR (planted 5-22-08)

Plots: 4 Rows x 30 ft (BCBD, 4 Reps)

Investigators: Stewart, Willis, S. Steckel

Description		Thrips Injury	Vigor	Thrips Counts	Thrips Counts	Tunneled Stalks	Tunneled Stalks	Yield
Rating Date		6/6/2008	6/6/2008	6/6/2008	6/6/2008	8/22/2008	9/18/2008	10/2/2008
Sample Size		0-5	0-5	5	5	10	10	
Sample Size Unit		SCALE	SCALE	PLANT	PLANT	PLANT	PLANT	BU/A
Pest Stage				Adult	Immature			
Trt-Eval Interval		15 DA-A	15 DA-A	15 DA-A	15 DA-A	92 DA-A	119 DA-A	133 DA-A
Treatment	Rate							
1 Untreated Check		1.08 a	4.45 c	25.25 ab	53.50 a	7.00 a	8.25 a	37.00 b
2 Headline 2.09 FS	25 mg a/seed	0.91 a	4.45 c	28.50 a	39.00 a			37.00 b
3 REGENT 500 TS 500 FS	100 mg a/seed	0.68 ab	4.73 a	14.00 bc	5.50 b	3.50 b	2.25 b	41.20 a
4 REGENT 500 TS 500 FS	100 mg a/seed	0.24 b	4.63 b	9.50 c	7.50 b		1.50 b	42.80 a
Headline 2.09 FS	25 mg a/seed							
5 REGENT 500 TS 500 FS	50 mg a/seed	0.19 b	4.73 a	9.00 c	7.25 b	2.75 b	3.75 b	40.50 a
Bad treatment 5 F	50 mg a/seed							
6 Bad treatment 5 F	50 mg a/seed	1.00 a	4.50 c	22.00 ab	41.25 a			39.80 ab

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

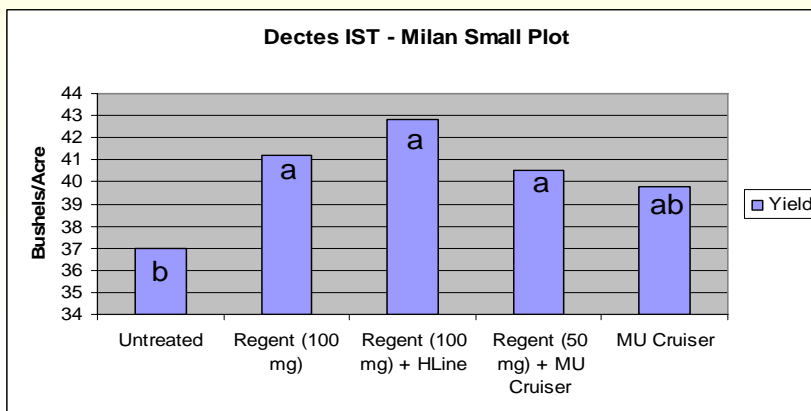
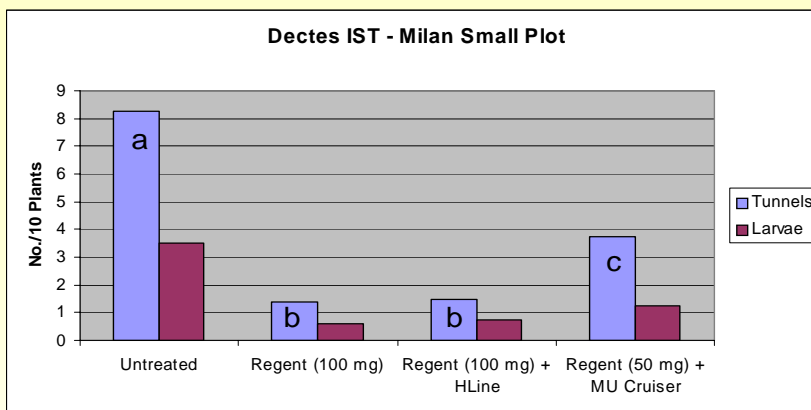
## Soybean Dectes/Regent Test

Milan - Small Plot Test  
Late May Planted

P < 0.05

Headline IST =  
37.0 B/A

P = 0.01



MU Cruiser = messed up, very low rate of Cruiser