

University of Tennessee

Corn Seed Treatment Test - Madison Co.

Location: West TN Research and Education Center (Jackson)
 Variety: RM11044 RR (planted 3-26-08)
 Plots: 4 Rows x 30 ft (RCBD, 5 Reps)
 Investigators: Stewart, Willis, S. Steckel

Pest Name	Stand counts	Vigor Rating	Thrips	Stunted Plants	Stand Counts
Description	5/5/2008	5/9/2008	Counts - All	5/14/2008	5/15/2008
Rating Date	31		5/12/2008	62	62
Sample Size	ROWFT	PLOT	3		
Sample Size Unit	40 DA-A	44 DA-A	PLANTS	ROWFT	ROWFT
Trt-Eval Interval			47 DA-A	49 DA-A	50 DA-A
Treatment Name	Rate				
1 Untreated Check	38.20 a	3.82 c	25.00 a	1.80 a	78.00 a
2 REGENT 500 TS 500 FS 17 g a/100000 seed	43.00 a	4.46 ab	10.20 b	1.60 a	89.00 a
3 REGENT 500 TS 500 FS 17 g a/100000 seed GAUCHO 600 5 FS 34 g a/100000 seed	43.80 a	4.30 b	9.60 b	1.80 a	84.40 a
4 GAUCHO 600 5 FS 34 g a/100000 seed	44.20 a	4.40 ab	21.20 a	1.40 a	81.00 a
5 REGENT 500 TS 500 FS 17 g a/100000 seed PONCHO 600 FS 25 g a/100000 seed	43.60 a	4.24 b	11.40 b	0.80 a	84.00 a
6 REGENT 500 TS 500 FS 17 g a/100000 seed PONCHO 600 FS 50 g a/100000 seed	47.00 a	4.56 a	13.60 b	1.40 a	91.20 a
7 PONCHO 600 FS 50 g a/100000 seed	43.40 a	4.36 ab	24.20 a	1.40 a	88.20 a
8 AVITEC 4.9 FS 0.13 oz a/lb	40.60 a	3.90 c	25.60 a	1.80 a	80.40 a

Pest Name	Yield
Description	9/17/2008
Rating Date	1
Sample Size	A
Sample Size Unit	175 DA-A
Trt-Eval Interval	
Treatment Name	Rate
1 Untreated Check	143.0 a
2 REGENT 500 TS 500 FS 17 g a/100000 seed	149.3 a
3 REGENT 500 TS 500 FS 17 g a/100000 seed GAUCHO 600 5 FS 34 g a/100000 seed	148.6 a
4 GAUCHO 600 5 FS 34 g a/100000 seed	150.7 a
5 REGENT 500 TS 500 FS 17 g a/100000 seed PONCHO 600 FS 25 g a/100000 seed	161.2 a
6 REGENT 500 TS 500 FS 17 g a/100000 seed PONCHO 600 FS 50 g a/100000 seed	146.0 a
7 PONCHO 600 FS 50 g a/100000 seed	141.5 a
8 AVITEC 4.9 FS 0.13 oz a/lb	117.9 a

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