

University of Tennessee

Soybean Seed Treatment Trial

Location: West Tennessee Research and Education Center at Jackson

Variety: S43-B1RR (planted 4-22-08)

Application: At planting

Rating: Stand Counts (10 Row ft), Vigor Rating (0-5 scale), % Defoliation (0-100 scale), Thrips Counts (5 Plants)

Plots: 4 Rows X 30 ft (RCBD, 4 Reps)

Investigators: Stewart

Description	Stand Counts	Vigor Rating	% Defoliation	Thrips	Thrips	Thrips	Thrips	Thrips												
Rating Date	5/5/2008	5/12/2008	5/12/2008	5/12/2008	5/12/2008	5/12/2008	5/20/2008	5/20/2008												
Pest Stage				Adult	Immature	All	Adult	Immature												
Trt-Eval Interval	13 DA-A	20 DA-A	20 DA-A	20 DA-A	20 DA-A	20 DA-A	28 DA-A	28 DA-A												
Treatment	Rate																			
1 Untreated Check	51.30	a	4.23	c	4.80	a	16.30	a	5.80	ab	0.50	a	55.80	a	20.00	a				
2 Apron Maxx+ Moly	0.67	LB/GAL	6.25	g ai/100000 seed	53.30	a	4.38	b	2.30	b	13.50	a	11.30	a	0.80	a	53.00	a	28.80	a
3 Apron Maxx+ Moly	0.67	LB/GAL	6.25	g ai/100000 seed	53.50	a	4.53	a	0.80	bc	7.80	b	1.50	b	0.00	a	27.00	b	1.80	b
Gaicho 600 FS	600	GA/L	62.5	g ai/100000 seed																
4 Apron Maxx+ Moly	0.67	LB/GAL	6.25	g ai/100000 seed	52.30	a	4.48	ab	0.30	c	5.80	b	0.80	b	0.50	a	5.00	c	6.00	b
Cruiser	5	LB/GAL	50	g ai/100000 seed																
5 A16822 [A;UN]	183.6	GA/L	60	g ai/100000 seed	58.00	a	4.40	ab	0.50	c	2.80	b	2.00	b	0.00	a	9.00	bc	3.50	b
6 A16822 [B;UN]	183.6	GA/L	60	g ai/100000 seed	55.80	a	4.53	a	0.30	c	4.80	b	2.00	b	0.00	a	6.80	c	4.30	b

Description	Stand Counts	Yield						
Rating Date	5/22/2008	9/19/2008						
Trt-Eval Interval	30 DA-A	150 DA-A						
Treatment	Rate							
1 Untreated Check	55.30	a	62.50	a				
2 Apron Maxx+ Moly	0.67	LB/GAL	6.25	g ai/100000 seed	57.50	a	56.60	a
3 Apron Maxx+ Moly	0.67	LB/GAL	6.25	g ai/100000 seed	62.50	a	49.60	a
Gaicho 600 FS	600	GA/L	62.5	g ai/100000 seed				
4 Apron Maxx+ Moly	0.67	LB/GAL	6.25	g ai/100000 seed	58.50	a	51.30	a
Cruiser	5	LB/GAL	50	g ai/100000 seed				
5 A16822 [A;UN]	183.6	GA/L	60	g ai/100000 seed	63.50	a	58.20	a
6 A16822 [B;UN]	183.6	GA/L	60	g ai/100000 seed	60.30	a	61.80	a

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