

University of Tennessee

Corn Seed Treatment Test Biological - Madison Co.

Location: West TN Research and Education Center (Jackson)

Planting Date: 4-21-08

Plots: 4 Rows x 30 ft (RCBD, 5 Reps)

Investigators: Stewart, Willis, Steckel

Pest Name			Stand Counts	Thrips sp.	Corn thrips	Yield	
Description			5/5/2008	Thrips Counts	Thrips Injury	9/17/2008	
Rating Date				5/12/2008	5/14/2008		
Sample Size			31	4		1	
Sample Size Unit			ROWFT	PLANT	PLOT	A	
Pest Stage				All	All		
Trt-Eval Interval			14 DA-A	21 DA-A	23 DA-A	175 DA-A	
Trt	Treatment name	Rate					
1	MAXIM XL	322 FS	3.5 g a/100 kg	50.60 a	11.00 b	1.00 b	140.3 a
	TRILEX FLOWAB	240 FS	2.5 g a/100 kg				
	PRECISE S FINISHER 1006	100 FS	130 ml/100 kg				
	PONCHO	600 FS	0.25 mg a/seed				
	PRO-IZED RED COLORANT	100 FS	19.6 ml/100 kg				
2	MAXIM XL	322 FS	3.5 g a/100 kg	52.00 a	9.00 b	1.00 b	148.6 a
	TRILEX FLOWAB	240 FS	2.5 g a/100 kg				
	PRECISE S FINISHER 1006	100 FS	130 ml/100 kg				
	FMO	500 FS	0.25 mg a/seed				
	PRO-IZED RED COLORANT	100 FS	19.6 ml/100 kg				
3	MAXIM XL	322 FS	3.5 g a/100 kg	50.80 a	9.60 b	1.00 b	166.5 a
	TRILEX FLOWAB	240 FS	2.5 g a/100 kg				
	PRECISE S FINISHER 1006	100 FS	130 ml/100 kg				
	PONCHO	600 FS	0.25 mg a/seed				
	PRO-IZED RED COLORANT	100 FS	19.6 ml/100 kg				
4	MAXIM XL	322 FS	3.5 g a/100 kg	52.40 a	11.20 b	1.00 b	163.6 a
	TRILEX FLOWAB	240 FS	2.5 g a/100 kg				
	PRECISE S FINISHER 1006	100 FS	130 ml/100 kg				
	PONCHO	600 FS	0.25 mg a/seed				
	HEADS UP PLANT PROTECTANT	49.65 FS	0.6 g a/100 kg				
PRO-IZED RED COLORANT	100 FS	19.6 ml/100 kg					
5	MAXIM XL	322 FS	3.5 g a/100 kg	52.00 a	13.40 b	1.00 b	152.8 a
	TRILEX FLOWAB	240 FS	2.5 g a/100 kg				
	PRECISE S FINISHER 1006	100 FS	130 ml/100 kg				
	PONCHO	600 FS	0.25 mg a/seed				
	YIELD SHIELD	10000 FS					
PRO-IZED RED COLORANT	100 FS	19.6 ml/100 kg					
6	MAXIM XL	322 FS	3.5 g a/100 kg	51.40 a	12.20 b	1.00 b	142.0 a
	TRILEX FLOWAB	240 FS	2.5 g a/100 kg				
	PRECISE S FINISHER 1006	100 FS	130 ml/100 kg				
	PONCHO	600 FS	0.25 mg a/seed				
	YIELD SHIELD	10000 FS					
PRO-IZED RED COLORANT	100 FS	19.6 ml/100 kg					
7	MAXIM XL	322 FS	3.5 g a/100 kg	51.60 a	10.60 b	1.00 b	143.9 a
	TRILEX FLOWAB	240 FS	2.5 g a/100 kg				
	PRECISE S FINISHER 1006	100 FS	130 ml/100 kg				
	PONCHO	600 FS	0.25 mg a/seed				
	YIELD SHIELD	10000 FS					
HEADS UP PLANT PROTECTANT	49.65 FS	0.6 g a/100 kg					
PRO-IZED RED COLORANT	100 FS	19.6 ml/100 kg					
8	MAXIM XL	322 FS	3.5 g a/100 kg	52.00 a	9.60 b	1.00 b	148.1 a
	TRILEX FLOWAB	240 FS	2.5 g a/100 kg				
	PRECISE S FINISHER 1006	100 FS	130 ml/100 kg				
	PONCHO	600 FS	0.25 mg a/seed				
	YIELD SHIELD	10000 FS					
	L1360	100000 FS					
	TEST COMPOUND 1	100 FS	0.375 mg a/seed				
PRO-IZED RED COLORANT	100 FS	19.6 ml/100 kg					
9	MAXIM XL	322 FS	3.5 g a/100 kg	51.80 a	38.80 a	2.00 a	134.0 a
	TRILEX FLOWAB	240 FS	2.5 g a/100 kg				
	PRECISE S FINISHER 1006	100 FS	130 ml/100 kg				
	PRO-IZED RED COLORANT	100 FS	19.6 ml/100 kg				

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