

Table 51. Effect of treatments on nematode populations in cotton.

Treatment *	Nematodes/500 cc soil**					
	ST 4575 BR			ST 5599 BR		
	Lesion	Stunt	Stubby root	Lesion	Stunt	Stubby root
Untreated Check	0	40	140	10	90	270
Avicta Complete Pak (S)	10	90	70	0	20	110
Temik 15G 5 lb (F)	0	30	50	0	60	210
KC791230 5 lb (F)	10	100	70	10	90	130
Temik 15G 5 lb (F) + 5 lb (B)	10	20	100	10	60	60

* S=seed treatment, F=in furrow (3 May), B=band application w/cultivation (10 Jul).

** Data are counts of nematodes in a composite sample from 4 reps of each treatment. Soil was sampled on 7 Sep.

Table 52. Effect of treatments on yield of cotton.

Treatment and rate/A*	lb/A**		bales/A**	
	ST 4575 BR	ST 5599 BR	ST 4575 BR	ST 5599 BR
Untreated Check	1165 c	1180	0.94 c	0.98
Avicta Complete Pak (S)	1497 bc	1513	1.21 bc	1.25
Temik 15G 5 lb (F)	1407 bc	1437	1.14 bc	1.19
KC791230 5 lb (F)	1679 ab	1437	1.36 ab	1.19
Temik 15G 5 lb (F) + 5 lb (B)	1936 a	1724	1.56 a	1.43
LSD	374	n.s.	0.30	n.s.
Treatment mean				
Untreated Check	1172 c		0.96 c	
Avicta Complete Pak (S)	1505 b		1.23 b	
Temik 15G 5 lb (F)	1422 bc		1.16 bc	
KC791230 5 lb (F)	1558 b		1.27 b	
Temik 15G 5 lb (F) + 5 lb (B)	1830 a		1.50 a	
LSD	271		0.22	
Variety mean				
ST 4575 BR	1537		1.24	
ST 5599 BR	1458		1.21	
LSD	n.s.		n.s.	
Split-plot analysis				
Treatment	.0702		.0722	
Variety	.4337		.6581	
Treatment x variety	.8151		.8319	

* S=seed treatment, F=in furrow at planting (3 May), B=band application w/cultivation (10 Jul).

** Weight (lb/A) includes lint + seed; bales/A are weight of lint only. Lint was 41.4% of total weight and 480 lb/bale. Plots were harvested on 21 Oct 2006.

Means followed by the same letter(s) in a column are not significantly different according to Fisher's Protected LSD (P=0.10), "n.s." = not significant.