

Variety, treatment and rate ¹	Plants/ft ² (7 Jun)	Plant ht. (in.) ³ (25 Jul)	Flowers/12 ft ⁴ (25 Jul)	Number of bolls (18 Sep) ⁵	
				Total	Open
Split-plot analysis					
Treatment	.3688	.1289	.1902	.2838	.2715
Variety	.0001	.0001	.1272	.1494	.0001
Treatment x variety	.0650	.0001	.8743	.6834	.0319

1 S=seed treatment, F=in furrow.

2 Determined from counts of two 30-ft rows.

3 Data represent measurement of six randomly-selected plants per plot.

4 Data are number of flowers per two 6-ft sections of row.

5 Determined from counts of four plants per plot.

Means for plants/ft and flower counts followed by different letter(s) in a column and group are significantly different (LSD, P=0.05); plant height and boll counts followed by different letter(s) in a column and group are significantly different (Student-Newman-Keuls multiple range test, P=0.05), "n.s." = not significant, "—"=combined analysis not valid due to significant treatment by variety interaction.

Table 33. Effect of treatments on nematode populations in cotton.

Variety, treatment and rate *	Nematodes/500 cc soil**		
	Root-knot	Spiral	Stubby root
ST 4575 BR			
Untreated Check	2760	220	470
Avicta Complete Pak (S)	3480	30	170
Temik 15G 5 lb/A (F)	1040	100	230
PHY 310 R			
Untreated Check	5010	250	70
Avicta Complete Pak (S)	4440	60	280
Temik 15G 5 lb/A (F)	3750	40	210
DP 432 RR			
Untreated Check	2570	390	320
Avicta Complete Pak (S)	1420	160	30
Temik 15G 5 lb/A (F)	400	50	100
DP 445 BR			
Untreated Check	6880	110	320
Avicta Complete Pak (S)	2200	70	170
Temik 15G 5 lb/A (F)	1110	40	140
DP 444 BG/RR			
Untreated Check	4570	170	330
Avicta Complete Pak (S)	3430	20	80
Temik 15G 5 lb/A (F)	1710	70	140
ST 5599 BR			
Untreated Check	1150	50	220
Avicta Complete Pak (S)	3140	40	170
Temik 15G 5 lb/A (F)	4570	210	160

* S=seed treatment, F=in furrow.

** Soil was sampled on 5 Sep. Data are counts of nematodes in a composite sample from 4 reps of each treatment/variety combination.