

Midville, Georgia: Earlier Maturity Cotton Variety Performance, 2011, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Strength* g/tex	Micronaire*
			Index*	Length* inches		
PHY 499 WRF	2957	47.7	84.5	1.14	31.1	4.7
DP 0912 B2RF	2924	45.8	83.3	1.12	27.8	4.6
DP 1028 B2RF	2777	46.1	85.2	1.18	28.3	5.0
All-Tex ATX3039 B2RF	2741	45.2	84.6	1.16	28.8	4.6
AM1511 B2RF	2637	47.9	84.8	1.16	29.6	5.1
DP 0949B2RF	2610	44.2	84.9	1.18	30.0	4.8
DP 0924 B2RF	2599	44.4	84.4	1.15	30.2	5.0
GA2004143	2597	44.7	84.8	1.22	32.6	4.6
BRS293	2582	44.2	84.4	1.16	31.3	4.8
BCSX 1150B2RF	2580	42.1	84.5	1.19	32.5	5.2
BX 1252LLB2	2567	43.7	83.7	1.16	30.9	4.6
CG 3787 B2RF	2547	43.6	84.2	1.16	30.4	4.6
GA2006106	2534	43.2	85.2	1.25	33.2	4.7
BX 1262B2F	2534	44.8	84.7	1.16	31.3	5.1
FM1740B2RF	2532	44.8	83.4	1.12	27.8	5.0
All-Tex ATX81144	2530	42.8	83.7	1.23	32.1	4.2
PHY 375 WRF	2528	44.7	84.4	1.16	28.7	4.7
DP 0920 B2RF	2510	45.5	83.9	1.15	26.9	4.8
ST 4145LLB2	2494	43.4	85.4	1.18	31.2	4.6
All-Tex 7A21	2490	44.7	84.8	1.19	30.2	4.6
SSG HQ 210 CT	2451	41.2	83.4	1.16	30.5	4.8
AM 1550 B2RF	2439	42.7	84.5	1.13	28.1	4.8
Dyna-Gro 2570B2RF	2426	42.0	84.1	1.17	29.8	4.8
All-Tex LA122	2387	45.6	84.9	1.17	28.5	4.3
SSG CT Linwood	2347	43.9	85.1	1.13	33.7	5.4
ST 4288B2F	2341	42.2	83.9	1.17	27.0	4.9
DP 1133 B2RF	2335	47.0	85.6	1.18	31.9	4.8
PHY 367 WRF	2328	43.6	84.4	1.15	28.9	4.7
SSG CT310 HQ	2197	41.4	84.7	1.16	33.3	4.9
BRS286	2070	42.1	83.1	1.11	31.8	4.8
GA2008057	1750	42.0	85.5	1.21	32.2	4.3
Average	2495	44.1	84.4	1.16	30.3	4.7
LSD 0.10	244	1.5	N.S. ¹	0.05	2.8	0.5
CV %	8.4	2.8	1.0	2.47	5.4	6.0

* A random quality sample was taken on the picker during cotton harvest.

1. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: May 3, 2011.

Harvested: October 3, 2011.

Soil Type:

Fertilization: 96 lb N, 80 lb P₂O₅, and 60 lb K₂O/acre.

Management: Temik applied 5 lb/acre and Telone II applied 3 gal/acre.

	April	May	June	July	Aug.	Sept.
Irrigation (in):	0.00	1.90	2.45	4.00	4.00	0.00
Rainfall (in):	1.41	2.32	1.76	2.22	1.50	2.51

Trials conducted by Larry Thompson.