

Midville, Georgia:

Later Maturity Cotton Variety Performance, 2011, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity	Length* inches	Strength* g/tex	Micronaire*
			Index* %			
PHY 499 WRF	3021	45.7	85.2	1.16	32.5	4.6
10R052B2R2	2864	48.3	84.8	1.17	27.7	4.7
DP 1137 B2RF	2863	46.3	84.7	1.15	26.7	4.7
MON 10R051 B2RF	2794	47.4	85.2	1.19	25.6	4.8
AM1511 B2RF	2786	46.5	84.6	1.16	30.7	4.9
DP 1050 B2RF	2769	46.8	85.0	1.19	28.6	4.7
BX 1252LLB2	2754	44.3	83.9	1.18	30.9	4.7
ST 5458B2RF	2710	42.8	84.2	1.17	29.9	5.0
PHY 375 WRF	2674	44.9	83.5	1.15	29.1	4.1
BX 1261B2F	2652	42.5	84.4	1.17	28.8	4.6
GA2008083	2646	46.9	83.1	1.14	29.1	4.6
BX 1262B2F	2638	43.6	84.9	1.18	31.2	4.7
DP 1034 B2RF	2624	46.3	85.1	1.20	26.5	4.6
GA2007095	2576	42.7	84.0	1.19	29.5	4.9
DP 1048 B2RF	2570	46.1	85.0	1.17	27.4	4.8
GA2004230	2524	42.5	84.8	1.24	29.8	4.5
PHY 565 WRF	2509	43.0	85.1	1.16	32.6	4.7
BX 1254LLB2	2503	44.9	83.6	1.16	29.7	5.3
ST 4145LLB2	2456	42.2	84.5	1.16	30.4	4.5
ST 5288B2F	2425	43.0	83.2	1.15	27.4	4.5
DP 1133 B2RF	2410	45.3	85.6	1.20	30.9	4.7
PHY 440 W	2383	42.4	84.6	1.15	29.0	4.4
Average	2643	44.7	84.5	1.17	29.2	4.7
LSD 0.10	227	0.9	1.3	0.04	1.7	0.4
CV %	7.3	1.6	0.9	1.76	3.7	4.4

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

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.