

**Midville, Georgia:  
Earlier Maturity Cotton Variety Performance, 2008, Irrigated**

Variety	Lint Yield lb/acre	Lint %	Uniformity		Strength* g/tex	Micronaire* units
			Index* %	Length* inches		
PHY370WR	<b>2380</b>	44.5	83.0	1.13	29.1	4.6
PHY375WRF	<b>2349</b>	44.2	83.4	1.18	28.2	3.7
DP141B2RF	<b>2286</b>	42.4	83.6	1.25	30.2	4.0
FM1740B2RF	<b>2253</b>	45.4	83.8	1.19	27.9	4.1
GA2004303	<b>2221</b>	44.1	83.1	1.17	31.8	4.4
DP 0924 B2RF	2197	43.9	82.7	1.15	29.0	4.5
DP 555 BG/RR	2177	45.4	83.7	1.19	30.9	4.3
DP 0935 B2RF	2164	43.8	83.2	1.16	27.2	4.4
DP 143 B2RF	2163	42.6	83.4	1.25	29.3	3.8
NG3331B2RF	2156	43.2	84.2	1.16	29.9	4.2
GA2004143	2143	46.4	84.6	1.26	32.0	4.4
PHY485WRF	2129	42.0	84.3	1.18	28.1	4.4
DP161B2RF	2127	42.0	84.5	1.25	30.2	4.1
PHY440W	2125	42.7	84.0	1.18	28.9	4.5
PHY480WR	2113	41.1	84.8	1.18	30.4	4.5
STX4498B2RF	2111	42.3	83.0	1.15	30.5	4.0
ST 4554B2RF	2107	43.1	82.2	1.15	28.7	4.2
FM1735LLB2	2103	40.8	83.7	1.17	34.9	4.0
ST5327B2RF	2095	42.6	83.3	1.16	29.7	4.0
DP 121 RF	2091	43.3	83.6	1.16	29.2	4.6
ST4427B2RF	2081	43.2	83.1	1.17	29.7	4.1
AM1550B2RF	2078	42.8	83.1	1.15	27.1	4.2
PHY315RF	2072	43.5	83.9	1.21	29.1	4.1
DP 164 B2RF	2063	41.8	83.8	1.20	30.0	4.2
CG4020B2RF	2036	42.0	83.9	1.21	28.9	4.1
CG3035RF	2012	43.3	84.0	1.18	29.0	4.1
CG 3220B2RF	1991	43.7	83.9	1.19	28.9	4.5
NG4370B2RF	1989	41.7	84.3	1.18	30.4	4.3
BCSX0888LLB2	1954	40.8	84.1	1.19	31.8	4.6
BCSX0187LLB2	1946	42.0	83.2	1.14	32.0	4.4
CG3520B2RF	1920	42.4	84.2	1.20	25.3	3.9
AM1532B2RF	1903	40.6	83.0	1.24	24.8	3.7
GA2004230	1887	43.3	84.0	1.29	29.6	4.3
PHY425RF	1880	40.8	84.4	1.18	29.5	4.6
NG4377B2RF	1861	42.0	84.5	1.18	28.9	4.0
CG3020B2RF	1853	40.0	84.2	1.18	26.4	3.9
Average	2084	42.7	83.7	1.19	29.4	4.2
LSD 0.10	173	0.8	N.S. <sup>1</sup>	0.03	2.5	0.3
CV %	7.1	1.5	1.0	1.59	5.0	4.9

\* 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: First planting on May 1, 2008; due to strong wind and blowing sand damage after emergence, replanted on May 28, 2008.

Harvested: October 22, 2008.