

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

Variety	Lint Yield lb/acre	Uniformity			Strength* g/tex	Micronaire* units
		Lint %	Index* %	Length* inches		
CG 3220B2RF	<b>1686</b>	43.4	82.7	1.16	31.8	4.3
PHY370WR	<b>1684</b>	42.1	82.6	1.14	34.3	4.6
DP 164 B2RF	<b>1634</b>	46.7	83.5	1.21	35.8	4.2
ST4427B2RF	<b>1616</b>	45.3	83.3	1.17	34.8	4.2
DP 0924 B2RF	<b>1613</b>	43.7	83.0	1.16	33.3	4.4
AM1550B2RF	<b>1608</b>	42.0	82.3	1.13	29.6	4.3
CG3520B2RF	<b>1595</b>	42.6	83.7	1.19	29.3	4.1
DP 143 B2RF	<b>1576</b>	42.4	82.9	1.26	35.2	3.8
PHY315RF	<b>1568</b>	49.0	82.1	1.14	31.8	4.1
BCSX0187LLB2	1548	42.8	82.8	1.14	35.3	4.5
NG3331B2RF	1541	43.9	83.0	1.14	34.1	5.1
ST5327B2RF	1534	41.9	83.4	1.16	35.4	4.6
PHY480WR	1520	42.0	84.0	1.17	35.1	4.2
CG3020B2RF	1513	44.8	83.4	1.16	31.0	4.1
PHY375WRF	1510	40.6	83.2	1.18	31.6	4.1
NG4370B2RF	1507	44.6	83.7	1.16	33.7	4.6
STX4498B2RF	1493	41.0	83.6	1.15	35.6	4.5
NG4377B2RF	1491	45.2	83.7	1.15	34.4	4.5
AM1532B2RF	1486	41.4	83.2	1.22	31.8	3.8
FM1735LLB2	1484	43.1	83.2	1.15	37.4	4.1
CG3035RF	1483	41.7	83.5	1.17	32.3	4.5
DP 0935 B2RF	1474	41.5	83.3	1.13	32.9	4.4
ST 4554B2RF	1464	43.0	83.1	1.17	34.9	4.6
GA2004230	1453	42.9	83.9	1.26	35.2	4.2
DP141B2RF	1433	41.6	82.5	1.22	34.7	4.1
DP161B2RF	1430	41.9	83.2	1.22	35.7	4.4
PHY485WRF	1419	42.0	83.3	1.16	34.6	4.7
CG4020B2RF	1406	40.8	82.4	1.20	31.7	4.1
GA2004303	1404	42.6	82.8	1.15	34.7	4.6
DP 555 BG/RR	1400	43.2	81.3	1.12	32.0	4.5
PHY425RF	1390	42.8	83.9	1.18	35.1	4.7
DP 121 RF	1385	43.5	83.6	1.14	33.9	4.8
GA2004143	1381	40.5	83.2	1.20	38.0	4.5
BCSX0888LLB2	1376	41.7	82.9	1.16	34.4	4.4
PHY440W	1373	41.9	83.8	1.18	35.0	4.1
FM1740B2RF	1362	40.6	83.0	1.15	34.4	4.5
Average	1495	42.8	83.1	1.17	33.9	4.3
LSD 0.10	134	1.8	N.S. <sup>1</sup>	0.03	2.7	0.5
CV %	7.6	3.7	0.8	1.52	4.6	6.3

\* 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 14, 2008.

Harvested: October 7, 2008.