

## Bainbridge, Georgia: Earlier Maturity Cotton Variety Performance, 2009, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire* units
			Index*	%			
GA2004303	<b>1844</b>	43.6	83.2		1.16	29.7	4.8
ST 4498B2RF	<b>1722</b>	43.9	83.5		1.16	29.0	4.6
DP 0920B2RF	<b>1691</b>	44.5	84.1		1.22	26.0	4.7
FM1740B2RF	<b>1683</b>	43.4	83.8		1.18	27.2	4.5
All-Tex A102	<b>1606</b>	41.3	83.9		1.19	27.7	4.0
PHY367WRF	<b>1591</b>	42.7	84.0		1.21	28.3	4.0
SSG CT Linwood	<b>1585</b>	43.1	84.3		1.16	31.3	5.2
GA2004143	<b>1566</b>	45.5	83.3		1.21	29.5	4.7
GA2004230	1546	41.4	84.9		1.25	27.4	4.4
All-Tex Epic RF	1540	45.2	83.6		1.18	26.9	4.5
Dyna-Gro 2570B2RF	1538	43.8	83.7		1.18	29.4	4.4
DP 0935 B2RF	1510	43.3	84.2		1.17	26.8	4.8
CG3035RF	1479	43.4	83.4		1.18	27.5	4.3
GA2006053	1468	41.0	84.1		1.22	26.8	4.6
09R619B2R2	1466	44.6	83.6		1.19	26.0	4.9
PHY370WR	1455	43.6	83.1		1.16	29.0	4.7
DP 0924 B2RF	1438	42.9	83.8		1.18	29.5	5.0
AM1550B2RF	1430	42.9	84.4		1.16	25.0	4.5
DP 0912B2RF	1407	42.7	83.4		1.14	27.9	4.9
ST 4554B2RF	1389	42.1	82.5		1.17	28.0	4.6
GA2006127	1376	44.2	84.8		1.23	29.8	4.5
NG4370B2RF	1354	41.8	84.0		1.18	29.3	4.7
NG3331B2RF	1331	42.7	83.7		1.15	28.1	4.7
CG 3220B2RF	1315	42.6	83.7		1.20	26.2	4.5
CG3020B2RF	1313	40.0	84.8		1.18	26.2	4.2
ST 4288B2F	1306	40.8	83.9		1.20	27.3	4.7
BCSX 1035LLB2	1301	40.9	83.1		1.16	31.0	4.7
GA2006168	1300	41.3	83.6		1.22	28.4	4.4
PHY375WRF	1297	43.8	83.1		1.19	27.5	4.3
ST 5288B2F	1296	42.5	84.1		1.18	27.7	4.7
CG3520B2RF	1267	40.5	85.1		1.22	27.4	4.3
CG4020B2RF	1262	41.8	84.7		1.23	26.9	4.3
Average	1459	42.7	83.8		1.19	27.9	4.5
LSD 0.10	281	0.9	N.S. <sup>1</sup>		0.04	2.4	0.4
CV %	16.4	1.8	1.1		2.09	5.2	4.6

\* 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 15, 2009.

Harvested: November 3, 2009.

Soil Type: Bonnaeu blanton loamy sand.

Fertilization: 152 lb N, 92 lb P<sub>2</sub>O<sub>5</sub>, and 117 lb K<sub>2</sub>O/acre.

Management: Temik applied 5 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	0.0	1.5	3.0	0.8	0.8	0.0

Trials conducted by Larry Thompson.

## Midville, Georgia: Earlier Maturity Cotton Variety Performance, 2009, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Strength* g/tex	Micronaire*
			Index*	Length*		
			%	inches		units
FM1740B2RF	<b>2145</b>	45.2	83.1	1.15	27.4	4.5
ST 5288B2F	<b>2140</b>	44.9	83.2	1.16	26.1	4.7
DP 0924 B2RF	<b>2120</b>	45.2	83.2	1.15	26.7	4.8
Dyna-Gro 2570B2RF	<b>2111</b>	45.9	83.6	1.15	24.5	4.7
09R619B2R2	<b>2101</b>	46.1	83.6	1.16	26.1	4.6
DP 0935 B2RF	<b>2100</b>	45.6	83.5	1.16	24.5	4.3
DP 0920B2RF	<b>2100</b>	45.8	83.6	1.17	24.5	4.5
CG 3220B2RF	<b>2083</b>	44.4	84.5	1.18	25.4	4.8
GA2004230	<b>2058</b>	44.2	84.1	1.27	28.1	4.2
DP 0912B2RF	<b>2050</b>	44.2	84.2	1.17	28.4	5.0
GA2006053	<b>2029</b>	42.6	83.9	1.16	26.4	4.6
GA2006127	<b>1985</b>	43.6	83.8	1.22	29.4	4.1
PHY370WR	<b>1979</b>	45.2	83.3	1.14	26.8	4.4
ST 4498B2RF	<b>1972</b>	43.3	83.3	1.17	28.8	4.1
GA2004143	<b>1966</b>	46.1	83.5	1.20	29.0	4.2
ST 4288B2F	<b>1941</b>	42.2	83.8	1.17	27.2	5.1
SSG CT Linwood	<b>1924</b>	45.4	83.8	1.15	28.4	4.8
GA2004303	1911	45.9	82.7	1.15	27.5	4.3
PHY367WRF	1883	44.7	84.1	1.21	25.6	4.1
BCSX 1035LLB2	1873	43.1	84.3	1.14	31.1	5.3
ST 4554B2RF	1850	43.9	83.0	1.18	27.5	4.7
NG3331B2RF	1820	43.3	84.7	1.15	29.8	4.5
NG4370B2RF	1770	44.3	83.0	1.15	25.8	4.5
PHY375WRF	1765	44.8	84.1	1.17	26.5	4.3
AM1550B2RF	1762	44.4	82.7	1.14	24.1	4.4
CG3035RF	1747	45.5	82.9	1.16	24.9	4.1
CG3520B2RF	1742	43.3	85.0	1.20	24.3	4.4
GA2006168	1733	42.7	83.7	1.22	27.6	4.3
CG4020B2RF	1678	42.1	83.9	1.21	24.5	3.9
CG3020B2RF	1674	42.0	84.3	1.19	23.9	4.1
All-Tex Epic RF	1651	45.9	83.2	1.18	26.6	4.5
All-Tex A102	1539	42.3	84.9	1.20	26.8	4.1
Average	1913	44.3	83.7	1.17	26.7	4.4
LSD 0.10	232	0.8	1.1	0.03	2.9	0.4
CV %	10.3	1.6	0.8	1.57	6.5	5.7

\* 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 12, 2009.

Harvested: October 26, 2009.

Soil Type: Tifton sandy loam.

Fertilization: 95 lb N, 50 lb P<sub>2</sub>O<sub>5</sub>, and 75 lb K<sub>2</sub>O/acre.

Management: Temik applied 5 lb/acre at planting and applied 5 lb/acre as sidedress.

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	0.0	1.5	2.5	1.5	0.8	0.0

Trials conducted by Larry Thompson.

## Plains, Georgia: Earlier Maturity Cotton Variety Performance, 2009, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire* units
			Index*	%			
GA2004143	<b>2571</b>	48.3	84.8		1.23	31.3	4.1
09R619B2R2	<b>2563</b>	45.6	84.5		1.17	25.9	4.5
GA2004303	<b>2417</b>	44.5	84.6		1.20	27.1	4.2
SSG CT Linwood	<b>2410</b>	43.2	85.0		1.19	29.7	4.5
Dyna-Gro 2570B2R	<b>2377</b>	44.0	83.6		1.20	25.8	4.2
GA2004230	2314	43.1	83.1		1.25	29.0	4.0
DP 0912B2RF	2297	42.5	84.0		1.17	28.0	4.3
All-Tex Epic RF	2259	44.4	84.3		1.22	27.2	3.8
PHY370WR	2255	44.5	83.6		1.16	28.0	4.2
DP 0935 B2RF	2250	44.5	83.9		1.20	27.0	4.1
CG4020B2RF	2223	41.6	83.9		1.23	24.7	3.8
GA2006053	2216	42.0	84.4		1.22	27.2	4.3
GA2006168	2208	42.1	84.5		1.23	28.6	4.1
GA2006127	2204	43.0	84.3		1.25	30.9	4.0
ST 5288B2F	2189	43.1	82.9		1.20	26.8	4.3
CG3035RF	2185	44.3	84.6		1.21	27.7	3.9
DP 0924 B2RF	2179	42.6	84.9		1.19	26.6	4.4
DP 0920B2RF	2166	42.7	83.5		1.21	28.8	4.0
CG 3220B2RF	2151	42.5	84.2		1.19	26.6	4.5
All-Tex A102	2143	42.2	83.0		1.20	26.1	4.0
FM1740B2RF	2119	43.8	84.0		1.21	26.9	3.8
PHY367WRF	2112	44.3	84.5		1.21	28.0	3.9
CG3520B2RF	2076	41.5	83.6		1.21	24.7	3.9
ST 4498B2RF	2065	42.6	83.0		1.18	28.2	3.8
PHY375WRF	2022	42.8	82.5		1.16	26.2	3.8
AM1550B2RF	2014	42.9	84.1		1.17	25.5	4.0
NG3331B2RF	1954	42.5	84.0		1.16	27.9	4.6
ST 4288B2F	1948	40.7	84.4		1.25	27.2	4.7
NG4370B2RF	1942	41.3	85.1		1.20	28.0	3.8
ST 4554B2RF	1893	42.8	83.9		1.24	28.4	4.1
CG3020B2RF	1890	40.8	83.5		1.20	30.1	3.7
BCSX 1035LLB2	1884	41.6	84.3		1.16	30.2	4.6
Average	2172	43.1	84.0		1.20	27.6	4.1
LSD 0.10	245	0.9	N.S. <sup>1</sup>		0.04	2.5	0.4
CV %	9.6	1.7	1.0		1.75	5.3	5.6

\* 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, 2009.

Harvested: November 9, 2009.

Soil Type: Greenville sandy clay loam.

Fertilization: 90 lb N, 66 lb P<sub>2</sub>O<sub>5</sub>, and 18 lb K<sub>2</sub>O/acre.

Management: Temik applied 5 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	0.7	0.7	0.0	0.0	0.0	0.0

Trials conducted by Larry Thompson.

## Tifton, Georgia: Earlier Maturity Cotton Variety Performance, 2009, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire*
			Lint %	Index*			
FM1740B2RF	<b>2187</b>	44.9	84.0		1.16	28.2	3.9
DP 0920B2RF	<b>2154</b>	46.9	84.5		1.16	26.7	4.4
09R619B2R2	<b>2034</b>	44.9	84.8		1.15	29.8	4.2
DP 0935 B2RF	<b>2006</b>	44.9	84.1		1.13	28.3	4.5
BCSX 1035LLB2	<b>2005</b>	41.9	84.5		1.14	32.3	4.7
PHY370WR	<b>2005</b>	43.5	84.0		1.13	31.3	4.3
AM1550B2RF	<b>2003</b>	45.3	84.2		1.14	26.9	4.3
Dyna-Gro 2570B2RF	<b>1980</b>	44.6	83.9		1.15	30.1	4.3
ST 4288B2F	<b>1979</b>	41.3	84.5		1.19	28.4	4.5
GA2006053	1920	43.8	84.3		1.19	31.4	4.4
DP 0912B2RF	1918	42.9	84.6		1.15	32.8	4.4
PHY367WRF	1887	43.3	84.5		1.18	31.5	4.0
PHY375WRF	1881	45.0	84.9		1.15	29.9	4.1
ST 5288B2F	1880	43.7	83.7		1.15	28.5	4.4
CG3020B2RF	1845	41.9	84.3		1.15	27.0	3.8
ST 4554B2RF	1837	44.3	83.9		1.18	29.2	4.3
CG3520B2RF	1824	43.4	84.0		1.18	26.1	4.1
CG 3220B2RF	1812	42.6	84.1		1.19	28.6	4.1
NG4370B2RF	1772	42.5	83.9		1.13	29.7	4.2
All-Tex A102	1756	43.8	83.6		1.16	30.5	4.1
ST 4498B2RF	1752	43.4	84.2		1.17	29.1	3.9
NG3331B2RF	1697	44.4	83.8		1.14	30.3	4.4
DP 0924 B2RF	1649	43.1	84.2		1.14	29.4	4.1
GA2004230	1616	43.1	84.2		1.23	31.4	4.1
GA2004143	1610	45.9	84.4		1.20	34.9	4.0
CG4020B2RF	1585	43.7	84.3		1.18	27.2	4.1
GA2006127	1579	43.5	85.0		1.21	32.2	4.3
SSG CT Linwood	1576	44.5	83.9		1.12	31.5	4.8
All-Tex Epic RF	1488	45.0	84.1		1.16	29.8	4.1
GA2004303	1461	43.4	84.5		1.17	32.5	4.6
CG3035RF	1400	44.7	84.9		1.15	29.2	3.9
GA2006168	1365	40.8	84.5		1.21	32.1	3.9
Average	1796	43.8	84.2		1.16	29.9	4.2
LSD 0.10	236	1.3	N.S. <sup>1</sup>		0.03	2.0	0.4
CV %	11.2	2.5	0.9		1.41	3.9	5.3

\* 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: April 29, 2009.

Harvested: September 24, 2009.

Soil Type: Tifton loamy sand.

Fertilization: 78 lb N, 54 lb P<sub>2</sub>O<sub>5</sub>, and 174 lb K<sub>2</sub>O/acre.

Management: Temik applied 5 lb/acre.

	May	June	July	Aug.	Sept.
Irrigation (in):	0.0	1.8	1.8	0.0	0.0

Trials conducted by Larry Thompson.

## Tifton, Georgia: Earlier Maturity Cotton Variety Performance including Micro-Gin<sup>a</sup> Quality Data, 2009, Irrigated

Variety	Lint	MG <sup>1</sup> Lint	MG <sup>1</sup>		Unif.	MG <sup>1</sup> Unif.	MG <sup>1</sup>		MG <sup>1</sup>		Mic. <sup>2</sup> units	MG <sup>1</sup> Mic.
	Yield lb/acre	Yield lb/acre	Lint %	Lint %	Index <sup>2</sup> %	Index %	Length <sup>2</sup> inches	Length inches	Strength <sup>2</sup> g/tex	Strength* g/tex		
09R619B2R2	<b>2034</b>	<b>1843</b>	44.9	41.6	84.8	83.7	1.15	1.16	29.8	27.2	4.2	4.5
All-Tex A102	1756	1382	43.8	37.8	83.6	83.8	1.16	1.19	30.5	27.5	4.1	4.2
All-Tex Epic RF	1488	1298	45.0	40.4	84.1	83.6	1.16	1.18	29.8	28.4	4.1	4.3
AM1550B2RF	<b>2003</b>	<b>1760</b>	45.3	40.5	84.2	82.7	1.14	1.16	26.9	24.8	4.3	4.4
BCSX 1035LLB2	<b>2005</b>	<b>1745</b>	41.9	37.4	84.5	83.2	1.14	1.15	32.3	29.7	4.7	4.8
CG 3220B2RF	1812	<b>1676</b>	42.6	39.6	84.1	83.5	1.19	1.18	28.6	26.7	4.1	4.5
CG3020B2RF	1845	1599	41.9	37.4	84.3	83.5	1.15	1.18	27.0	25.7	3.8	3.9
CG3035RF	1400	1236	44.7	40.1	84.9	83.1	1.15	1.15	29.2	27.6	3.9	4.3
CG3520B2RF	1824	1573	43.4	37.8	84.0	84.0	1.18	1.20	26.1	25.6	4.1	4.3
CG4020B2RF	1585	1369	43.7	38.6	84.3	83.7	1.18	1.20	27.2	26.5	4.1	4.1
DP 0912B2RF	1918	<b>1746</b>	42.9	39.3	84.6	83.1	1.15	1.14	32.8	28.4	4.4	4.6
DP 0920B2RF	<b>2154</b>	<b>1854</b>	46.9	41.3	84.5	83.2	1.16	1.18	26.7	26.6	4.4	4.6
DP 0924 B2RF	1649	1483	43.1	39.1	84.2	83.3	1.14	1.16	29.4	28.2	4.1	4.6
DP 0935 B2RF	<b>2006</b>	<b>1845</b>	44.9	42.2	84.1	82.9	1.13	1.15	28.3	25.7	4.5	4.4
Dyna-Gro 2570B2RF	<b>1980</b>	<b>1812</b>	44.6	41.4	83.9	83.7	1.15	1.17	30.1	28.5	4.3	4.5
FM1740B2RF	<b>2187</b>	<b>1775</b>	44.9	40.3	84.0	83.4	1.16	1.19	28.2	27.5	3.9	4.2
GA2004143	1610	1419	45.9	41.4	84.4	83.4	1.20	1.20	34.9	30.3	4.0	4.4
GA2004230	1616	1466	43.1	39.8	84.2	84.2	1.23	1.26	31.4	30.6	4.1	4.3
GA2004303	1461	1252	43.4	38.6	84.5	82.6	1.17	1.17	32.5	29.4	4.6	4.4
GA2006053	1920	1633	43.8	37.9	84.3	83.8	1.19	1.20	31.4	27.8	4.4	4.5
GA2006127	1579	1423	43.5	39.6	85.0	83.4	1.21	1.22	32.2	29.6	4.3	4.2
GA2006168	1365	1205	40.8	36.6	84.5	83.5	1.21	1.22	32.1	29.5	3.9	4.1
NG3331B2RF	1697	1408	44.4	37.8	83.8	83.6	1.14	1.15	30.3	29.6	4.4	4.6
NG4370B2RF	1772	1560	42.5	38.1	83.9	83.5	1.13	1.16	29.7	27.6	4.2	4.5
PHY367WRF	1887	<b>1697</b>	43.3	39.7	84.5	83.7	1.18	1.18	31.5	27.6	4.0	4.1
PHY370WR	<b>2005</b>	<b>1790</b>	43.5	39.8	84.0	82.4	1.13	1.13	31.3	27.7	4.3	4.5
PHY375WRF	1881	<b>1653</b>	45.0	40.0	84.9	82.6	1.15	1.17	29.9	27.5	4.1	4.2
SSG CT Linwood	1576	1357	44.5	39.2	83.9	83.6	1.12	1.15	31.5	30.7	4.8	5.1
ST 4288B2F	<b>1979</b>	<b>1759</b>	41.3	37.6	84.5	83.3	1.19	1.20	28.4	28.3	4.5	4.6
ST 4498B2RF	1752	1552	43.4	39.1	84.2	82.8	1.17	1.15	29.1	27.7	3.9	4.2
ST 4554B2RF	1837	1593	44.3	39.4	83.9	82.9	1.18	1.16	29.2	27.2	4.3	4.5
ST 5288B2F	1880	<b>1685</b>	43.7	39.7	83.7	82.8	1.15	1.17	28.5	27.9	4.4	4.4
Average	1796	1576	43.8	39.3	84.2	83.3	1.16	1.18	29.9	27.9	4.2	4.4
LSD 0.10	236	210	1.3	1.0	N.S. <sup>3</sup>	0.6	0.03	0.02	2.0	1.2	0.4	0.2
CV %	11.2	11.3	2.5	2.2	0.9	0.6	1.41	1.22	3.9	3.7	5.3	1.0

1. Micro-Gin quality samples are from total seed cotton harvested from each plot.
  2. A random quality sample was taken on the picker during cotton harvest.
  3. 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: April 29, 2009.  
 Harvested: September 24, 2009.  
 Soil Type: Tifton loamy sand.  
 Fertilization: 78 lb N, 54 lb P<sub>2</sub>O<sub>5</sub>, and 174 lb K<sub>2</sub>O/acre.  
 Management: Temik applied 5 lb/acre.  
 Irrigation (in):  
     May    June    July    Aug.    Sept.  
 0.0    1.8    1.8    0.0    0.0

Trials conducted by L. Thompson, D. Day and A. Knowlton.

## Yield Summary for Earlier Maturity Cotton Varieties, 2009, Irrigated

Entry	Lint Yield <sup>a</sup>					4-Loc. Average	Lint %	Unif. Index %	Length in	Strength g/tex	Mic. units
	Bainbridge	Midville	Plains lb/acre	Tifton							
09R619B2R2	1466 <sup>15</sup>	<b>2101</b> <sup>5</sup>	<b>2563</b> <sup>2</sup>	<b>2034</b> <sup>3</sup>	<b>2041</b> <sup>1</sup>	45.3	84.1	1.17	26.9	4.5	
FM1740B2RF	<b>1683</b> <sup>4</sup>	<b>2145</b> <sup>1</sup>	2119 <sup>21</sup>	<b>2187</b> <sup>1</sup>	<b>2033</b> <sup>2</sup>	44.3	83.7	1.17	27.4	4.1	
DP 0920B2RF	<b>1691</b> <sup>3</sup>	<b>2100</b> <sup>6T</sup>	2166 <sup>18</sup>	<b>2154</b> <sup>2</sup>	<b>2028</b> <sup>3</sup>	45.0	83.9	1.19	26.5	4.4	
Dyna-Gro 2570B2RF	1538 <sup>11</sup>	<b>2111</b> <sup>4</sup>	<b>2377</b> <sup>5</sup>	<b>1980</b> <sup>7</sup>	<b>2001</b> <sup>4</sup>	44.6	83.7	1.17	27.4	4.4	
DP 0935 B2RF	1510 <sup>12</sup>	<b>2100</b> <sup>6T</sup>	2250 <sup>10</sup>	<b>2006</b> <sup>4</sup>	<b>1967</b> <sup>5</sup>	44.6	83.9	1.16	26.6	4.4	
GA2004143	<b>1566</b> <sup>8</sup>	<b>1966</b> <sup>14</sup>	<b>2571</b> <sup>1</sup>	1610 <sup>24</sup>	<b>1928</b> <sup>6</sup>	46.5	84.0	1.21	31.2	4.2	
PHY370WR	1455 <sup>16</sup>	<b>1979</b> <sup>12</sup>	2255 <sup>9</sup>	<b>2005</b> <sup>5T</sup>	<b>1923</b> <sup>7</sup>	44.2	83.5	1.14	28.8	4.4	
DP 0912B2RF	1407 <sup>19</sup>	<b>2050</b> <sup>9</sup>	2297 <sup>7</sup>	1918 <sup>10</sup>	<b>1918</b> <sup>8</sup>	43.1	84.0	1.16	29.3	4.6	
GA2004303	<b>1844</b> <sup>1</sup>	1911 <sup>17</sup>	<b>2417</b> <sup>3</sup>	1461 <sup>29</sup>	<b>1908</b> <sup>9T</sup>	44.3	83.7	1.17	29.2	4.5	
GA2006053	1468 <sup>14</sup>	<b>2029</b> <sup>10</sup>	2216 <sup>12</sup>	1920 <sup>9</sup>	<b>1908</b> <sup>9T</sup>	42.3	84.2	1.19	28.0	4.4	
GA2004230	1546 <sup>9</sup>	<b>2058</b> <sup>8</sup>	2314 <sup>6</sup>	1616 <sup>23</sup>	<b>1884</b> <sup>10</sup>	42.9	84.0	1.25	28.9	4.2	
ST 4498B2RF	<b>1722</b> <sup>2</sup>	<b>1972</b> <sup>13</sup>	2065 <sup>24</sup>	1752 <sup>20</sup>	<b>1878</b> <sup>11</sup>	43.3	83.5	1.17	28.7	4.1	
ST 5288B2F	1296 <sup>30</sup>	<b>2140</b> <sup>2</sup>	2189 <sup>15</sup>	1880 <sup>13</sup>	<b>1876</b> <sup>12</sup>	43.6	83.4	1.17	27.3	4.5	
SSG CT Linwood	<b>1585</b> <sup>7</sup>	<b>1924</b> <sup>16</sup>	<b>2410</b> <sup>4</sup>	1576 <sup>27</sup>	<b>1874</b> <sup>13</sup>	44.0	84.2	1.15	30.2	4.8	
PHY367WRF	<b>1591</b> <sup>6</sup>	1883 <sup>18</sup>	2112 <sup>22</sup>	1887 <sup>11</sup>	<b>1868</b> <sup>14</sup>	43.7	84.3	1.20	28.4	4.0	
DP 0924 B2RF	1438 <sup>17</sup>	<b>2120</b> <sup>3</sup>	2179 <sup>17</sup>	1649 <sup>22</sup>	1846 <sup>15</sup>	43.5	84.0	1.16	28.0	4.5	
CG 3220B2RF	1315 <sup>24</sup>	<b>2083</b> <sup>7</sup>	2151 <sup>19</sup>	1812 <sup>17</sup>	1840 <sup>16</sup>	43.0	84.1	1.19	26.7	4.5	
AM1550B2RF	1430 <sup>18</sup>	1762 <sup>24</sup>	2014 <sup>26</sup>	<b>2003</b> <sup>6</sup>	1802 <sup>17</sup>	43.9	83.8	1.15	25.4	4.3	
ST 4288B2F	1306 <sup>26</sup>	<b>1941</b> <sup>15</sup>	1948 <sup>28</sup>	<b>1979</b> <sup>8</sup>	1793 <sup>18</sup>	41.2	84.1	1.20	27.5	4.7	
GA2006127	1376 <sup>21</sup>	<b>1985</b> <sup>11</sup>	2204 <sup>14</sup>	1579 <sup>26</sup>	1786 <sup>19</sup>	43.6	84.5	1.23	30.5	4.2	
BCSX 1035LLB2	1301 <sup>27</sup>	1873 <sup>19</sup>	1884 <sup>32</sup>	<b>2005</b> <sup>5T</sup>	1766 <sup>20</sup>	41.9	84.0	1.15	31.1	4.8	
All-Tex A102	<b>1606</b> <sup>5</sup>	1539 <sup>31</sup>	2143 <sup>20</sup>	1756 <sup>19</sup>	1761 <sup>21</sup>	42.4	83.9	1.19	27.7	4.0	
ST 4554B2RF	1389 <sup>20</sup>	1850 <sup>20</sup>	1893 <sup>30</sup>	1837 <sup>15</sup>	1742 <sup>22</sup>	43.3	83.3	1.19	28.3	4.4	
PHY375WRF	1297 <sup>29</sup>	1765 <sup>23</sup>	2022 <sup>25</sup>	1881 <sup>12</sup>	1741 <sup>23</sup>	44.1	83.6	1.17	27.5	4.1	
All-Tex Epic	1540 <sup>10</sup>	1651 <sup>30</sup>	2259 <sup>8</sup>	1488 <sup>28</sup>	1734 <sup>24</sup>	45.1	83.8	1.18	27.6	4.2	
CG3520B2RF	1267 <sup>31</sup>	1742 <sup>26</sup>	2076 <sup>23</sup>	1824 <sup>16</sup>	1728 <sup>25</sup>	42.2	84.4	1.20	25.6	4.2	
NG4370B2RF	1354 <sup>22</sup>	1770 <sup>22</sup>	1942 <sup>29</sup>	1772 <sup>18</sup>	1709 <sup>26</sup>	42.5	84.0	1.16	28.2	4.3	
CG3035RF	1479 <sup>13</sup>	1747 <sup>25</sup>	2185 <sup>16</sup>	1400 <sup>30</sup>	1703 <sup>37</sup>	44.4	83.9	1.17	27.3	4.0	
NG3331B2RF	1331 <sup>23</sup>	1820 <sup>21</sup>	1954 <sup>27</sup>	1697 <sup>21</sup>	1700 <sup>28</sup>	43.2	84.0	1.15	29	4.5	
CG4020B2RF	1262 <sup>32</sup>	1678 <sup>28</sup>	2223 <sup>11</sup>	1585 <sup>25</sup>	1687 <sup>29</sup>	42.3	84.2	1.21	25.8	4.0	
CG3020B2RF	1313 <sup>25</sup>	1674 <sup>29</sup>	1890 <sup>31</sup>	1845 <sup>14</sup>	1680 <sup>30</sup>	41.2	84.2	1.18	26.8	3.9	
GA2006168	1300 <sup>28</sup>	1733 <sup>27</sup>	2208 <sup>13</sup>	1365 <sup>31</sup>	1652 <sup>31</sup>	41.7	84.1	1.22	29.2	4.1	
Average	1459	1913	2172	1796	1835	43.5	83.9	1.18	28.0	4.3	
LSD 0.10	281	232	245	236	190	0.9	N.S. <sup>b</sup>	0.02	0.7	1.3	
CV %	16.4	10.03	9.6	11.2	11.6	1.9	0.9	1.72	5.2	5.3	

<sup>a</sup> Superscripts indicate ranking at that location.

<sup>b</sup> 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).

## Two-Year Summary for Earlier Maturity Cotton Varieties at Four Locations<sup>a</sup>, 2008-2009, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length inches	Strength g/tex	Micronaire units
			Index %				
FM1740B2RF	<b>1862</b>	44.0	83.5		1.17	29.4	4.2
PHY370WR	<b>1841</b>	44.2	83.1		1.13	29.8	4.4
DP 0935 B2RF	<b>1794</b>	44.2	83.3		1.16	28.3	4.4
GA2004143	1782	45.9	83.7		1.21	32.6	4.4
DP 0924 B2RF	1774	43.6	83.4		1.16	29.4	4.6
ST 4498B2RF	1746	43.2	83.4		1.16	30.4	4.2
GA2004303	1745	44.1	83.1		1.16	31.0	4.5
GA2004230	1741	43.0	84.0		1.26	30.8	4.2
CG 3220B2RF	1721	43.2	83.4		1.18	28.4	4.4
PHY375WRF	1705	44.2	83.2		1.16	28.6	4.1
AM1550B2RF	1691	43.5	83.3		1.15	27.0	4.3
ST 4554B2RF	1670	43.1	82.9		1.17	29.9	4.4
NG3331B2RF	1654	43.2	83.8		1.14	30.6	4.6
NG4370B2RF	1632	42.8	83.6		1.17	29.9	4.4
CG3520B2RF	1630	42.4	83.9		1.19	26.5	4.1
CG4020B2RF	1624	42.4	83.4		1.21	27.5	4.1
CG3035RF	1602	44.0	83.5		1.17	29.1	4.2
CG3020B2RF	1579	41.6	83.7		1.17	27.2	4.0
Average	1711	43.5	83.5		1.17	29.2	4.3
LSD 0.10	73	0.4	0.5		0.01	0.9	0.1
CV %	10.4	2.2	1.0		1.81	5.5	5.8

<sup>a</sup> Bainbridge, Midville, Plains, and Tifton.

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