

COTTON

Bainbridge, Georgia:

Earlier Maturity Cotton Variety Performance, 2007, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire* units
			Index*	%			
DP 454 BG/RR	2399	43.3	82.5		1.13	30.2	4.2
PHY370WR	2270	44.3	83.2		1.14	31.4	4.6
DynaGro CT07550	2228	43.5	83.9		1.19	29.6	4.8
PHY425RF	2225	41.5	84.2		1.19	30.9	5.0
PHY480WR	2215	41.1	84.4		1.18	31.2	4.8
DP141B2RF	2145	41.1	83.3		1.25	30.5	4.4
DP174RF	2135	44.5	84.2		1.21	29.6	4.9
DP 143 B2RF	2132	41.4	82.9		1.23	30.1	4.4
PHY485WRF	2127	41.8	84.1		1.17	31.9	4.8
DP 117 B2RF	2102	41.8	83.3		1.19	32.4	4.4
PHY375WRF	2096	44.5	84.0		1.19	30.3	4.5
STX4678B2RF	2095	42.4	84.7		1.22	29.9	5.0
DP 434 RR	2094	43.7	82.6		1.18	28.4	4.5
DP 455 BG/RR	2062	42.9	82.3		1.16	31.1	4.3
ST 4554B2RF	2054	42.2	82.5		1.16	29.5	5.0
DP 121 RF	2048	43.5	83.7		1.19	30.8	4.6
STX4596B2RF	2034	40.9	83.2		1.20	31.1	4.6
DP161B2RF	2011	40.5	84.1		1.25	30.9	4.2
PHY315RF	1976	44.6	82.3		1.14	28.9	4.3
GA2004303	1968	43.3	82.3		1.15	30.8	4.8
PHY310R	1963	46.3	83.3		1.13	30.5	4.6
STX4498B2RF	1935	40.6	83.4		1.16	30.7	4.4
DP 444 BG/RR	1935	43.2	83.7		1.17	29.8	4.4
DynaGro 2520B2RF	1920	41.2	84.1		1.20	27.2	4.5
ST 5242BR	1910	42.7	82.7		1.13	28.5	4.5
AM1532B2RF	1905	42.9	83.1		1.18	28.7	4.3
DP 432 RR	1890	41.9	84.1		1.16	30.2	4.5
ST5327B2RF	1884	42.5	83.7		1.17	29.5	4.4
CG 3220B2RF	1867	41.3	83.4		1.19	30.0	4.3
FM1600LL	1848	40.7	83.8		1.19	33.6	4.7
GA2004232	1847	45.7	83.5		1.23	32.7	4.6
ST 4664RF	1845	42.1	83.4		1.15	30.8	4.5
FM1735LLB2	1841	40.0	83.1		1.17	33.0	4.7
CG3520B2RF	1814	41.2	84.6		1.22	27.4	4.3
CG3035RF	1806	43.0	83.5		1.15	29.9	4.7
ST4427B2RF	1804	41.1	83.6		1.17	30.6	4.3
CG4020B2RF	1802	42.1	84.1		1.21	28.4	4.0
DynaGro 2490B2RF	1775	38.7	83.0		1.15	28.7	3.6
DP 147 RF	1775	40.6	83.3		1.25	31.0	4.2
ST 4357B2RF	1767	41.0	83.2		1.19	29.0	3.9
DP 393	1750	41.7	84.3		1.19	30.2	4.8
ST5283RF	1740	42.6	83.4		1.18	31.5	5.0
DP 445 BG/RR	1735	43.2	83.8		1.19	30.9	4.6
AM1504B2RF	1680	41.4	83.4		1.15	28.7	4.2
FM9063B2F	1654	40.5	83.7		1.22	31.9	4.3
CG3020B2RF	1440	37.1	83.5		1.15	27.6	4.0
FM955LLB2	1418	38.3	82.9		1.22	30.8	4.6
Average	1935	42.0	83.5		1.18	30.2	4.5
LSD 0.10	228	1.3	1.1		0.03	1.6	0.4
CV %	10.1	2.6	0.8		1.38	3.2	5.5

Bainbridge, Georgia:
Earlier Maturity Cotton Variety Performance, 2007, Irrigated
(Continued)

* 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 16, 2007.

Harvested: October 26, 2007.

Fertilization: 174 lb N, 92 lb P₂O₅, and 157 lb K₂O/acre.

Management: Temik applied 5 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	3.05	3.00	4.60	4.60	0.0	0.0

Trials conducted by Larry Thompson.

Midville, Georgia: Earlier Maturity Cotton Variety Performance, 2007, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Strength* g/tex	Micronaire* units
			Index* %	Length* inches		
STX4596B2RF	1533	40.5	83.0	1.18	30.8	4.6
DP174RF	1501	46.5	82.4	1.16	30.1	4.5
ST 4554B2RF	1496	43.5	82.5	1.13	30.5	4.4
PHY370WR	1491	43.5	82.7	1.11	31.1	4.5
DP141B2RF	1489	41.0	81.7	1.21	30.9	4.3
PHY310R	1488	45.0	82.3	1.07	30.7	4.8
STX4498B2RF	1481	42.5	82.4	1.12	31.4	4.2
FM1735LLB2	1453	39.5	82.2	1.12	32.2	4.4
ST5327B2RF	1436	44.0	82.4	1.14	30.5	4.2
FM1600LL	1432	42.5	83.5	1.15	32.4	4.7
ST 4664RF	1430	43.5	82.3	1.13	29.8	4.4
PHY375WRF	1426	44.5	82.6	1.12	29.8	4.3
DP 445 BG/RR	1423	42.0	83.2	1.13	29.8	4.5
STX4678B2RF	1421	41.0	82.9	1.16	30.3	4.4
DP161B2RF	1421	40.0	83.1	1.20	31.7	4.2
ST5283RF	1417	42.5	83.0	1.13	32.1	4.2
DP 117 B2RF	1408	43.5	82.1	1.16	32.6	4.3
DP 455 BG/RR	1405	44.0	82.0	1.12	30.9	3.8
ST 5242BR	1392	42.0	82.8	1.06	28.5	4.8
DynaGro CT07550	1391	42.5	82.1	1.13	29.5	4.4
PHY425RF	1390	41.5	83.4	1.15	31.8	4.7
GA2004232	1385	47.5	83.4	1.18	31.7	4.6
FM955LLB2	1379	38.5	82.7	1.20	30.5	4.3
ST4427B2RF	1371	42.0	82.6	1.13	30.8	3.9
GA2004303	1368	43.0	83.2	1.12	32.8	4.5
PHY315RF	1358	44.5	83.4	1.12	29.2	4.3
FM9063B2F	1354	40.5	82.0	1.18	31.0	4.1
CG3020B2RF	1347	41.0	82.7	1.13	28.7	4.2
DP 444 BG/RR	1336	45.0	82.4	1.12	29.5	4.3
DP 147 RF	1309	43.5	82.6	1.22	30.3	4.3
DP 143 B2RF	1304	41.5	81.6	1.20	29.8	4.1
CG 3220B2RF	1298	40.5	83.0	1.16	29.1	4.4
DP 454 BG/RR	1298	45.5	81.6	1.10	29.5	4.3
PHY485WRF	1294	42.5	83.4	1.14	31.3	4.9
AM1504B2RF	1287	39.5	83.0	1.10	28.7	4.0
DP 121 RF	1266	43.0	83.3	1.13	31.4	5.0
ST 4357B2RF	1255	41.5	82.2	1.16	28.8	4.2
DP 434 RR	1251	42.5	83.3	1.16	28.6	4.3
AM1532B2RF	1247	39.5	83.0	1.14	28.6	4.4
DP 432 RR	1238	40.5	83.5	1.13	31.5	4.6
DP 393	1223	42.0	83.7	1.18	31.2	4.6
CG3035RF	1199	40.0	82.5	1.15	28.9	3.9
CG3520B2RF	1184	40.5	82.4	1.14	27.5	4.1
PHY480WR	1181	41.0	83.4	1.13	31.1	4.6
DynaGro 2490B2RF	1168	41.0	82.5	1.08	28.5	3.7
CG4020B2RF	1160	41.5	81.7	1.15	27.4	4.0
DynaGro 2520B2RF	1136	40.0	82.0	1.18	28.6	4.1
Average	1351	42.2	82.6	1.14	30.2	4.3
LSD 0.10	157	1.2	N.S. ¹	0.03	1.4	0.4
CV %	9.9	2.4	0.8	1.48	2.7	5.5

Midville, Georgia:
Earlier Maturity Cotton Variety Performance, 2007, Irrigated
(Continued)

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

1. The F-test indicated no statistical differences at the alpha = 0.10 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 2, 2007.

Harvested: October 10, 2007.

Soil Type: Tifton sandy loam.

Fertilization: 95 lb N, 50 lb P₂O₅, and 75 lb K₂O/acre.

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

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	5.00	1.50	3.25	4.50	0.75	0.0

Trials conducted by Larry Thompson.

Plains, Georgia: Earlier Maturity Cotton Variety Performance, 2007, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Strength* g/tex	Micronaire* units
			Index* %	Length* inches		
ST 4664RF	1845	43.8	82.9	1.15	31.5	5.0
DP 454 BG/RR	1840	45.8	82.4	1.12	30.9	4.5
ST 4554B2RF	1700	42.5	84.3	1.21	30.8	4.7
STX4596B2RF	1660	41.8	84.2	1.25	30.9	4.9
DP 455 BG/RR	1658	45.5	83.0	1.16	31.6	4.7
ST4427B2RF	1609	41.9	83.7	1.18	31.7	4.1
STX4678B2RF	1607	40.8	84.0	1.18	29.8	5.0
ST5327B2RF	1600	44.2	84.4	1.17	30.8	5.0
GA2004232	1583	46.4	84.5	1.23	31.6	4.8
PHY315RF	1561	42.2	84.0	1.21	30.7	4.4
STX4498B2RF	1552	42.2	84.5	1.18	31.7	4.7
GA2004303	1523	43.2	84.2	1.18	31.6	5.1
CG3020B2RF	1511	40.6	84.6	1.16	29.5	4.3
DP174RF	1509	46.4	85.3	1.21	29.5	5.0
DP161B2RF	1504	42.0	85.2	1.26	32.2	4.7
CG4020B2RF	1462	40.7	84.2	1.20	28.6	4.5
CG3520B2RF	1462	43.3	83.4	1.18	28.7	4.5
DP 434 RR	1454	41.9	83.5	1.20	29.5	4.6
AM1504B2RF	1445	41.2	84.2	1.15	29.4	4.4
PHY480WR	1431	41.2	84.5	1.21	30.7	4.8
DynaGro 2520B2RF	1427	42.2	84.8	1.21	29.0	4.6
CG 3220B2RF	1423	41.3	84.8	1.22	30.1	5.1
ST 4357B2RF	1416	42.4	83.8	1.22	29.2	4.4
ST5283RF	1402	44.3	84.0	1.18	30.8	4.5
DP 444 BG/RR	1402	42.9	84.3	1.16	30.4	4.6
DP 117 B2RF	1402	43.0	84.3	1.17	32.3	4.8
DynaGro 2490B2RF	1400	40.4	83.5	1.16	29.7	4.0
PHY485WRF	1398	42.2	83.8	1.20	30.8	4.9
PHY425RF	1389	41.7	84.8	1.21	31.2	5.1
DP 445 BG/RR	1386	42.5	84.0	1.17	32.0	4.6
PHY370WR	1385	44.4	83.5	1.15	30.6	5.0
DP 147 RF	1375	41.9	84.9	1.25	32.3	4.8
DynaGro CT07550	1364	43.4	84.0	1.18	29.8	5.1
AM1532B2RF	1363	42.4	84.4	1.21	28.2	4.5
FM1735LLB2	1363	41.2	84.1	1.17	31.9	4.9
DP 121 RF	1357	43.7	83.6	1.15	30.4	4.9
CG3035RF	1347	42.4	84.0	1.17	30.9	4.8
DP 432 RR	1344	42.5	85.0	1.20	30.3	4.7
PHY375WRF	1325	45.0	83.6	1.20	32.0	4.6
DP 393	1285	41.9	85.2	1.21	32.3	5.1
FM9063B2F	1274	41.4	83.8	1.22	32.0	4.4
DP 143 B2RF	1263	40.7	84.0	1.26	30.7	4.6
PHY310R	1231	44.5	84.3	1.18	30.5	4.7
ST 5242BR	1194	42.3	84.0	1.13	30.0	5.1
FM955LLB2	1176	39.7	84.5	1.24	31.5	4.9
FM1600LL	1110	39.3	84.0	1.19	33.4	4.8
DP141B2RF	1065	40.6	84.2	1.26	31.6	4.8
Average	1434	42.5	84.1	1.19	30.7	4.7
LSD 0.10	255	1.1	N.S. ¹	0.04	1.4	0.3
CV %	15.2	2.1	0.9	1.94	2.7	4.2

Plains, Georgia:
Earlier Maturity Cotton Variety Performance, 2007, Irrigated
(Continued)

* 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 1, 2007.

Harvested: October 8, 2007.

Soil Type: Faceville sandy loam.

Fertilization: 90 lb N, 88 lb P₂O₅, and 24 lb K₂O/acre.

Management: Temik applied 5 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	3.80	1.00	1.00	2.00	1.00	0.0

Trials conducted by Larry Thompson and R. Pines.

Tifton, Georgia: Earlier Maturity Cotton Variety Performance, 2007, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Strength* g/tex	Micronaire* units
			Index* %	Length* inches		
DP 455 BG/RR	2169	48.5	82.0	1.13	28.5	4.1
PHY375WRF	2168	46.7	83.0	1.16	28.1	4.0
ST 4554B2RF	2058	45.9	83.6	1.15	26.2	4.3
DP 445 BG/RR	2042	46.5	83.4	1.13	29.0	4.3
FM1735LLB2	2010	44.1	83.1	1.15	30.0	4.2
ST 4664RF	1991	47.2	82.0	1.12	27.6	4.3
FM955LLB2	1974	42.2	84.2	1.20	30.0	4.4
ST4427B2RF	1959	44.6	81.9	1.14	28.7	3.7
FM1600LL	1950	45.2	82.7	1.14	30.6	4.0
DP 454 BG/RR	1947	47.4	83.1	1.11	27.7	3.8
GA2004303	1928	46.4	82.0	1.14	29.6	4.5
CG3035RF	1927	47.5	83.4	1.15	28.2	4.4
STX4678B2RF	1926	41.9	83.4	1.18	29.3	4.3
DP 434 RR	1911	44.3	83.5	1.21	26.9	4.1
ST5327B2RF	1904	45.6	83.2	1.15	29.2	4.1
DynaGro CT07550	1895	46.7	84.0	1.17	26.9	4.6
PHY310R	1881	46.9	83.4	1.11	28.2	4.5
AM1504B2RF	1872	43.7	83.3	1.13	26.8	3.9
DP 393	1866	45.2	84.2	1.20	28.4	4.4
PHY315RF	1862	47.1	82.6	1.14	26.6	4.3
DynaGro 2520B2RF	1854	44.3	82.4	1.17	26.2	4.1
PHY370WR	1841	46.0	83.1	1.12	28.4	4.2
DP161B2RF	1840	44.3	84.5	1.22	30.6	4.1
CG3520B2RF	1837	44.8	83.1	1.18	25.3	3.9
ST 4357B2RF	1834	45.4	83.7	1.21	26.5	4.1
ST 5242BR	1825	44.7	82.9	1.11	26.2	4.4
ST5283RF	1823	46.9	82.9	1.15	29.5	4.0
AM1532B2RF	1816	42.9	83.0	1.19	26.7	4.1
DP 444 BG/RR	1809	45.9	83.4	1.15	28.2	3.9
DynaGro 2490B2RF	1808	43.1	82.8	1.12	26.5	3.7
DP 121 RF	1795	45.8	83.9	1.17	28.0	4.3
STX4498B2RF	1792	43.8	83.4	1.16	28.7	4.0
DP 432 RR	1787	45.7	82.7	1.12	27.5	4.3
DP 147 RF	1782	45.9	82.2	1.20	28.4	3.7
DP 143 B2RF	1776	43.5	82.2	1.23	28.3	3.7
FM9063B2F	1768	42.8	83.4	1.22	29.7	4.0
PHY485WRF	1759	43.5	84.2	1.16	28.6	4.3
DP141B2RF	1724	43.6	82.3	1.20	28.0	4.0
PHY425RF	1714	43.6	84.1	1.16	29.4	4.4
CG4020B2RF	1709	44.6	82.4	1.20	26.5	4.1
GA2004232	1676	48.2	82.7	1.18	28.5	4.1
PHY480WR	1658	42.8	84.3	1.18	28.6	4.2
STX4596B2RF	1656	43.4	83.9	1.20	28.2	4.4
DP 117 B2RF	1617	43.2	82.9	1.20	29.3	4.0
CG3020B2RF	1572	42.9	83.0	1.14	26.0	3.8
DP174RF	1541	47.8	82.4	1.14	25.8	4.1
CG 3220B2RF	1498	44.4	83.6	1.17	27.3	4.5
Average	1837	45.1	83.1	1.16	28.0	4.1
LSD 0.10	230	0.9	1.2	0.03	1.0	0.3
CV %	10.7	1.7	0.9	1.47	2.2	4.5

Tifton, Georgia:
Earlier Maturity Cotton Variety Performance, 2007, Irrigated
(Continued)

* 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: April 23, 2007.

Harvested: September 17, 2007.

Soil Type: Tifton sandy loam.

Fertilization: 78 lb N, 54 lb P_2O_5 , and 168 lb K_2O /acre.

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

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	2.25	1.80	2.10	2.00	0.0	0.00

Trials conducted by Larry Thompson

Yield Summary for Earlier Maturity Cotton Varieties, 2007, Irrigated

Entry	Lint Yield ^a					Lint %	Unif. Index %	Length in	Strength g/tex	Mic. units
	Bainbridge	Midville	Plains	Tifton	4-Loc. Average					
	----- lb/acre -----									
DP 454 BG/RR	2399 ¹	1298 ^{31T}	1840 ²	1947 ¹⁰	1871 ¹	45.5	82.4	1.11	29.6	4.2
ST 4554B2RF	2054 ¹⁵	1496 ³	1700 ³	2058 ³	1827 ²	43.5	83.2	1.16	29.2	4.6
DP 455 BG/RR	2062 ¹⁴	1405 ¹⁷	1658 ⁵	2169 ¹	1824 ³	45.2	82.3	1.14	30.5	4.2
ST 4664RF	1845 ³¹	1430 ¹¹	1845 ¹	1991 ⁶	1778 ⁴	44.1	82.6	1.13	29.9	4.5
STX4678B2RF	2095 ¹²	1421 ^{14T}	1607 ⁷	1926 ¹³	1762 ⁵	41.5	83.7	1.18	29.8	4.6
PHY375WRF	2096 ¹¹	1426 ¹²	1325 ³⁵	2168 ²	1754 ⁶	45.2	83.3	1.17	30.0	4.3
PHY370WR	2270 ²	1491 ⁴	1385 ²⁸	1841 ²²	1747 ⁷	44.5	83.1	1.13	30.4	4.6
STX4596B2RF	2034 ¹⁷	1533 ¹	1660 ⁴	1656 ⁴³	1721 ⁸	41.6	83.6	1.21	30.2	4.6
DynaGro CT07550	2228 ³	1391 ¹⁹	1364 ³⁰	1895 ¹⁶	1720 ⁹	44.0	83.5	1.16	28.9	4.7
ST5327B2RF	1884 ²⁷	1436 ⁹	1600 ⁸	1904 ¹⁵	1706 ¹⁰	44.1	83.4	1.16	30.0	4.4
GA2004303	1968 ²⁰	1368 ²⁴	1523 ¹²	1928 ¹¹	1697 ¹¹	44.0	82.9	1.14	31.2	4.7
DP161B2RF	2011 ¹⁸	1421 ^{14T}	1504 ¹⁵	1840 ²³	1694 ¹²	41.7	84.2	1.23	31.3	4.3
STX4498B2RF	1935 ^{22T}	1481 ⁷	1552 ¹¹	1792 ³²	1690 ¹³	42.3	83.4	1.15	30.6	4.3
PHY315RF	1976 ¹⁹	1358 ²⁵	1561 ¹⁰	1862 ²⁰	1689 ¹⁴	44.6	83.0	1.15	28.8	4.3
ST4427B2RF	1804 ³⁵	1371 ²³	1609 ⁶	1959 ⁸	1686 ¹⁵	42.4	82.9	1.15	30.4	4.0
PHY425RF	2225 ⁴	1390 ²⁰	1389 ²⁶	1714 ³⁹	1679 ¹⁶	42.1	84.1	1.18	30.8	4.8
DP 434 RR	2094 ¹³	1251 ³⁶	1454 ¹⁷	1911 ¹⁴	1677 ¹⁷	43.1	83.2	1.19	28.3	4.4
DP174RF	2135 ⁷	1501 ²	1509 ¹⁴	1541 ⁴⁶	1672 ¹⁸	46.3	83.6	1.18	28.7	4.6
FM1735LLB2	1841 ³²	1453 ⁸	1363 ^{31T}	2010 ⁵	1667 ¹⁹	41.2	83.1	1.15	31.8	4.5
DP 445 BG/RR	1735 ⁴²	1423 ¹³	1386 ²⁷	2042 ⁴	1647 ²⁰	43.6	83.6	1.15	30.4	4.5
PHY485WRF	2127 ⁹	1294 ³²	1398 ²⁵	1759 ³⁷	1645 ²¹	42.5	83.9	1.17	30.6	4.7
PHY310R	1963 ²¹	1488 ⁶	1231 ³⁹	1881 ¹⁷	1641 ²²	45.7	83.3	1.12	30.0	4.6
DP 117 B2RF	2102 ¹⁰	1408 ¹⁶	1402 ^{23T}	1617 ⁴⁴	1632 ²³	42.9	83.1	1.18	31.7	4.3
GA2004232	1847 ³⁰	1385 ²¹	1583 ⁹	1676 ⁴¹	1623 ²⁴	47.0	83.5	1.20	31.1	4.5
DP 444 BG/RR	1935 ^{22T}	1336 ²⁸	1402 ^{23T}	1809 ²⁹	1621 ^{25T}	44.2	83.4	1.15	29.4	4.3
PHY480WR	2215 ⁵	1181 ⁴²	1431 ¹⁹	1658 ⁴²	1621 ^{25T}	41.5	84.1	1.17	30.4	4.6
DP 143 B2RF	2132 ⁸	1304 ³⁰	1263 ³⁸	1776 ³⁵	1619 ²⁶	41.8	82.7	1.23	29.7	4.2
DP 121 RF	2048 ¹⁶	1266 ³⁴	1357 ³²	1795 ³¹	1616 ²⁷	44.0	83.6	1.16	30.1	4.7
DP141B2RF	2145 ⁶	1489 ⁵	1065 ⁴³	1724 ³⁸	1606 ²⁸	41.6	82.9	1.23	30.2	4.3
ST5283RF	1740 ⁴¹	1417 ¹⁵	1402 ^{23T}	1823 ²⁷	1596 ²⁹	44.1	83.3	1.16	31.0	4.4
FM1600LL	1848 ²⁹	1432 ¹⁰	1110 ⁴²	1950 ⁹	1585 ³⁰	41.9	83.5	1.17	32.5	4.5
DynaGro 2520B2RF	1920 ²³	1136 ⁴⁵	1427 ²⁰	1854 ²¹	1584 ³¹	41.9	83.3	1.19	27.7	4.3
AM1532B2RF	1905 ²⁵	1247 ³⁷	1363 ^{31T}	1816 ²⁸	1583 ³²	41.9	83.3	1.18	28.0	4.3
ST 5242BR	1910 ²⁴	1392 ¹⁸	1194 ⁴⁰	1825 ²⁶	1580 ³³	42.9	83.1	1.11	28.3	4.7
CG3520B2RF	1814 ³³	1184 ⁴¹	1462 ^{16T}	1837 ²⁴	1574 ³⁴	42.4	83.3	1.18	27.2	4.2
AM1504B2RF	1680 ⁴³	1287 ³³	1445 ¹⁸	1872 ¹⁸	1571 ³⁵	41.4	83.4	1.13	28.4	4.1
CG3035RF	1806 ³⁴	1199 ⁴⁰	1347 ³³	1927 ¹²	1570 ³⁶	43.2	83.4	1.15	29.5	4.4
ST 4357B2RF	1767 ³⁹	1255 ³⁵	1416 ²²	1834 ²⁵	1568 ³⁷	42.6	83.2	1.19	28.3	4.1
DP 432 RR	1890 ²⁶	1238 ³⁸	1344 ³⁴	1787 ³³	1565 ³⁸	42.6	83.8	1.15	29.8	4.5
DP 147 RF	1775 ³⁷	1309 ²⁹	1375 ²⁹	1782 ³⁴	1560 ³⁹	42.9	83.2	1.23	30.5	4.2

Yield Summary for Earlier Maturity Cotton Varieties, 2007, Irrigated (Continued)

Entry	Lint Yield ^a					Lint %	Unif. %	Length in	Strength g/tex	Mic. units
	Bainbridge	Midville	Plains lb/acre	Tifton	4-Loc.					
DynaGro 2490B2RF	1775 ³⁸	1168 ⁴³	1400 ²⁴	1808 ³⁰	1538 ⁴⁰	40.8	82.9	1.13	28.3	3.7
CG4020B2RF	1802 ³⁶	1160 ⁴⁴	1462 ^{16T}	1709 ⁴⁰	1533 ⁴¹	42.2	83.1	1.19	27.7	4.1
DP 393	1750 ⁴⁰	1223 ³⁹	1285 ³⁶	1866 ¹⁹	1531 ⁴²	42.7	84.3	1.19	30.5	4.7
CG 3220B2RF	1867 ²⁸	1298 ^{31T}	1423 ²¹	1498 ⁴⁷	1522 ⁴³	41.9	83.7	1.18	29.1	4.6
FM9063B2F	1654 ⁴⁴	1354 ²⁶	1274 ³⁷	1768 ³⁶	1513 ⁴⁴	41.3	83.2	1.21	31.1	4.2
FM955LLB2	1418 ⁴⁶	1379 ²²	1176 ⁴¹	1974 ⁷	1487 ⁴⁵	39.7	83.5	1.21	30.7	4.6
CG3020B2RF	1440 ⁴⁵	1347 ²⁷	1511 ¹³	1572 ⁴⁵	1467 ⁴⁶	40.4	83.4	1.14	27.9	4.0
Average	1935	1351	1434	1837	1639	42.9	83.3	1.17	29.8	4.4
LSD 0.10	228	157	255	230	173	1.1	0.6	0.02	0.7	0.2
CV %	10.1	9.9	15.2	10.7	11.5	2.2	0.8	1.59	2.8	4.9

^a Superscripts indicate ranking at that location.

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^a, 2006-2007, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length inches	Strength g/tex	Micronaire units
			Index %				
DP 454 BG/RR	1840	45.3	83.0		1.12	29.5	4.2
PHY370WR	1696	43.7	83.4		1.12	30.4	4.7
DP 455 BG/RR	1695	44.4	82.3		1.13	30.8	4.3
ST4427B2RF	1671	42.0	83.1		1.14	30.2	4.3
PHY425RF	1635	42.0	84.4		1.17	31.1	4.8
ST 4554B2RF	1635	42.3	83.3		1.14	29.2	4.7
PHY485WRF	1616	42.4	84.1		1.16	30.5	4.8
PHY480WR	1607	41.7	84.3		1.17	30.4	4.7
ST 4664RF	1596	43.1	82.8		1.12	29.5	4.7
PHY310R	1576	44.7	83.4		1.11	30.2	4.7
DP 117 B2RF	1567	42.5	83.6		1.17	32.2	4.4
DP 143 B2RF	1558	41.4	82.8		1.22	28.9	4.2
DP 434 RR	1538	42.4	83.6		1.17	27.7	4.4
DP 444 BG/RR	1535	43.4	83.4		1.13	29.3	4.3
DP 393	1521	42.1	84.2		1.17	30.4	4.7
DynaGro 2520B2RF	1521	41.2	83.4		1.17	27.9	4.4
ST 5242BR	1503	43.1	83.3		1.11	28.0	4.5
DP 147 RF	1501	42.0	83.4		1.22	31.0	4.2
DP 445 BG/RR	1501	43.0	83.7		1.14	29.9	4.6
DP 121 RF	1485	43.6	84.0		1.15	30.0	4.7
CG4020B2RF	1484	41.6	83.5		1.18	27.6	4.3
ST 4357B2RF	1480	41.6	83.5		1.17	28.0	4.3
CG3520B2RF	1475	41.4	83.5		1.16	26.7	4.4
FM9063B2F	1470	40.8	83.7		1.22	31.3	4.2
DP 432 RR	1465	42.7	83.8		1.14	29.7	4.7
CG3020B2RF	1382	39.5	83.4		1.12	27.6	4.2
Average	1560	42.5	83.5		1.16	29.5	4.5
LSD 0.10	79	0.4	0.4		0.01	0.5	0.2
CV %	12.3	2.2	0.8		1.64	3.0	5.3

^a Bainbridge, Midville, Plains, and Tifton.

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