

Plains, Georgia:
Dryland Earlier Maturity Cotton Variety Performance, 2006

Variety	Lint Yield [#] lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire* units
			Index*	%			
PHY485WRF	1804	41.3	84.1		1.18	28.6	4.0
DP 454 BG/RR	1625	42.3	83.4		1.15	27.5	3.7
FM960B2R	1619	38.3	83.9		1.20	30.2	4.2
PHY370WR	1619	40.6	84.0		1.13	28.7	4.4
PHY480WR	1599	37.8	84.7		1.18	28.7	4.1
ST 4575BR	1587	39.3	83.9		1.13	26.3	4.5
DP 455 BG/RR	1584	41.1	82.4		1.14	29.3	4.0
DP 121 RF	1562	40.7	84.4		1.18	29.1	4.3
GA2002212	1549	40.0	83.5		1.22	30.8	4.5
PHY310R	1541	40.8	83.6		1.12	29.0	4.4
DynaGro 060642B2/RF	1531	37.8	82.7		1.11	25.8	3.5
DP 434 RR	1528	39.5	83.6		1.16	27.5	4.3
DynaGro 2242B2/RF	1521	37.6	83.8		1.15	25.9	4.2
DP 432 RR	1507	38.0	84.0		1.13	27.5	4.5
BW-4630B2F	1506	37.5	83.1		1.18	25.8	4.0
FM960BR	1499	39.6	84.1		1.18	29.3	3.8
PHY425RF	1496	38.2	84.0		1.20	29.3	4.4
DP 117 B2RF	1489	38.4	83.5		1.20	31.9	4.0
PHY470WR	1484	37.8	83.6		1.15	26.6	3.8
BW-8391B2F	1463	38.4	84.0		1.19	27.5	3.8
FM965LLB2	1460	37.4	83.7		1.17	31.7	3.9
DynaGro 2520B2RF	1459	37.2	84.1		1.20	26.0	4.0
BW-2038B2F	1451	36.2	83.9		1.16	25.6	3.7
CG4020B2RF	1441	37.2	83.4		1.17	26.3	4.2
ST 5242BR	1435	39.6	83.7		1.14	26.5	4.0
DP 110 RF	1432	38.9	84.1		1.19	31.5	4.2
DX25105N	1413	38.2	84.5		1.20	27.3	4.0
ST 4664RF	1411	39.4	84.3		1.16	26.8	4.3
GA2003156	1409	41.6	84.8		1.18	31.8	4.4
BW-3255B2F	1401	36.1	83.7		1.15	25.5	3.7
DP 445 BG/RR	1401	40.1	84.5		1.18	27.3	4.3
CG3520B2RF	1392	38.3	83.0		1.17	24.9	4.0
FM9063B2F	1389	38.5	84.6		1.24	31.0	3.8
ST 4357B2RF	1383	37.3	84.4		1.19	25.6	3.8
ST4427B2RF	1378	38.3	84.0		1.16	26.7	4.2
DynaGro 2100B2RF	1377	36.0	83.4		1.14	26.2	3.7
GA2002209	1361	41.1	84.5		1.18	30.4	4.5
ST 4554B2RF	1350	38.7	83.4		1.17	29.5	4.4
CG3020B2RF	1348	37.5	82.5		1.15	24.7	3.8
FM9060F	1324	39.0	84.3		1.25	27.9	3.6
DP 393	1310	39.0	84.4		1.16	28.7	4.6
ST4700B2RF	1307	37.9	82.7		1.16	25.8	3.9
DP 147 RF	1306	38.4	83.0		1.20	28.8	3.8
GA2002167	1300	40.9	83.0		1.14	29.2	4.4
FM9068F	1281	38.1	84.7		1.22	29.5	3.9
FM966LL	1267	38.2	84.9		1.19	34.5	4.1
DP 143 B2RF	1258	36.6	83.1		1.24	28.8	3.9
DP 444 BG/RR	1254	39.4	83.8		1.15	28.1	3.7
DPLX06W650F	1231	38.5	83.8		1.18	27.4	4.1
BW-4021B2F	1158	34.8	83.9		1.17	24.9	3.5
Average	1436	38.6	83.8		1.17	28.1	4.0
LSD 0.10	197	1.3	1.2		0.03	2.1	0.4
CV %	11.7	2.9	0.8		1.54	4.5	5.9

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(Continued)

Due to early season intense heat and drought stress, harvest was delayed for a 'top crop' to mature.

* 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 2, 2006.

Harvested: November 13, 2006.

Soil Type: Greenville sandy loam.

Fertilization: 86 lb N, 88 lb P₂O₅, and 16 lb K₂O/acre.

Management: Temik 15G applied 5 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	3.40	1.49	5.20	9.95	2.40	4.58

Trials conducted by Larry Thompson and Ronnie Pines.