

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

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire*
			Index*	%			
FM966LL	1797	42.5	83.7		1.08	35.8	4.9
DP 143 B2RF	1668	41.6	82.3		1.19	29.4	4.6
GA2003156	1633	44.2	82.8		1.11	33.6	4.9
PHY370WR	1599	43.2	84.2		1.08	30.9	4.7
GA2002167	1598	43.9	82.4		1.11	31.8	4.8
DP 432 RR	1594	41.0	83.0		1.10	29.4	4.3
DP 445 BG/RR	1594	43.6	82.6		1.14	28.4	4.2
GA2002209	1553	43.9	83.9		1.12	31.2	5.0
DP 117 B2RF	1542	43.3	82.9		1.12	31.8	4.7
DP 454 BG/RR	1540	45.4	82.8		1.02	31.3	4.8
ST 5242BR	1494	44.4	83.2		1.09	28.9	3.9
GA2002212	1492	45.5	82.6		1.11	33.7	5.1
PHY470WR	1482	42.5	84.5		1.07	30.8	4.9
PHY480WR	1481	40.9	83.8		1.13	31.4	5.0
FM960BR	1480	43.5	82.2		1.07	35.1	4.8
FM9060F	1435	43.8	83.4		1.17	28.9	4.4
FM965LLB2	1432	41.0	82.8		1.10	34.0	4.7
FM9063B2F	1426	41.4	83.3		1.17	30.1	4.5
FM9068F	1424	42.4	83.2		1.14	32.7	4.9
DP 147 RF	1423	42.4	83.3		1.17	29.9	4.4
FM960B2R	1403	41.4	82.4		1.11	34.7	4.8
DP 455 BG/RR	1398	43.5	82.0		1.06	32.3	4.6
PHY425RF	1390	42.5	83.8		1.10	31.5	5.2
PHY485WRF	1372	43.0	83.3		1.12	32.2	5.1
PHY310R	1358	43.8	82.6		1.04	32.1	5.0
ST4427B2RF	1357	40.1	82.5		1.07	30.2	4.5
DX25105N	1314	44.2	82.2		1.12	30.3	5.3
ST 4554B2RF	1301	40.7	81.8		1.04	29.8	4.8
DPLX06W650F	1296	42.3	83.4		1.09	30.2	4.5
DP 444 BG/RR	1295	43.3	82.5		1.05	29.7	4.3
DynaGro 060642B2/RF	1279	39.8	83.0		1.07	26.6	3.9
BW-8391B2F	1269	37.8	83.4		1.12	28.7	4.0
DP 110 RF	1260	41.4	83.4		1.11	34.4	4.9
ST4700B2RF	1259	40.0	82.6		1.09	27.0	4.5
DynaGro 2100B2RF	1249	37.8	82.6		1.03	27.5	3.9
BW-4630B2F	1236	39.2	83.2		1.12	28.4	4.5
DP 121 RF	1222	42.8	82.9		1.07	31.1	5.2
CG4020B2RF	1210	41.0	82.3		1.06	28.1	4.8
DP 393	1201	41.0	82.1		1.06	31.3	5.0
ST 4575BR	1179	42.6	81.9		1.02	31.3	5.1
DynaGro 2520B2RF	1179	40.9	82.2		1.09	28.6	4.8
DP 434 RR	1173	41.3	82.2		1.08	28.4	5.0
ST 4357B2RF	1166	40.5	82.7		1.08	27.7	4.4
ST 4664RF	1155	41.5	82.1		1.05	29.5	5.0
BW-3255B2F	1141	38.6	82.3		1.06	29.9	4.2
DynaGro 2242B2/RF	1073	40.5	82.9		1.09	28.4	4.6
CG3520B2RF	1067	41.4	82.5		1.05	27.6	4.4
BW-2038B2F	1037	40.9	83.0		1.10	26.5	4.5
CG3020B2RF	964	38.1	82.1		1.02	28.6	4.3
BW-4021B2F	796	38.5	82.4		1.06	28.3	4.4
Average	1346	41.8	82.8		1.09	30.4	4.6
LSD 0.10	252	0.9	1.1		0.04	1.8	0.5
CV %	15.6	1.9	0.8		2.55	3.5	6.2

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(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 25, 2006.

Harvested: September 21, 2006.

Soil Type: Tifton sandy loam.

Fertilization: 98 lb N, 54 lb P_2O_5 , and 188 lb K_2O /acre.

Management: Temik 15G applied 5 lb/acre and Telone II applied 3 gal/acre.

	May	June	July	Aug.	Sept.
Rainfall (in):	3.72	5.19	2.59	7.30	3.37

Trials conducted by Larry Thompson.