

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

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire* units
			Index*	%			
DP 454 BG/RR	1347	49.2	82.5		1.03	29.5	4.7
GA2003156	1314	46.0	82.1		1.11	32.6	5.2
PHY370WR	1263	46.4	81.8		1.00	30.3	4.9
ST 5242BR	1257	46.0	82.7		1.06	28.0	4.9
PHY480WR	1251	44.5	83.7		1.09	32.1	5.2
PHY470WR	1246	45.2	83.0		1.08	30.2	4.8
DPLX06W650F	1232	45.6	82.0		1.08	30.9	5.2
PHY310R	1229	46.5	82.3		1.03	29.4	5.0
DP 455 BG/RR	1229	45.5	82.1		1.06	30.2	4.2
DP 143 B2RF	1213	44.0	82.5		1.14	28.5	4.5
PHY425RF	1192	46.2	83.5		1.06	31.2	5.4
FM9060F	1168	45.6	81.6		1.14	29.9	4.7
FM960B2R	1155	43.8	81.4		1.05	33.2	5.0
FM966LL	1149	44.7	82.6		1.09	35.3	4.4
DP 110 RF	1147	44.1	82.7		1.11	34.8	4.8
FM9063B2F	1140	44.4	82.3		1.15	31.9	4.3
ST4427B2RF	1139	46.0	82.2		1.06	31.6	4.9
DP 445 BG/RR	1138	45.4	83.0		1.05	30.3	4.7
DP 117 B2RF	1129	45.2	83.4		1.08	32.2	4.9
DX25105N	1126	46.0	83.3		1.11	31.2	5.0
DP 147 RF	1105	45.2	82.4		1.18	30.1	4.6
FM9068F	1105	43.9	82.5		1.14	32.2	4.5
GA2002209	1092	45.9	82.4		1.07	30.3	5.3
DynaGro 2520B2RF	1087	44.6	81.7		1.08	29.4	4.6
GA2002212	1085	47.2	81.7		1.07	32.3	5.1
PHY485WRF	1069	45.0	82.8		1.06	29.7	5.3
DynaGro 060642B2/RF	1068	43.7	82.4		1.06	26.6	4.1
ST 4357B2RF	1060	44.8	82.4		1.08	30.6	4.9
FM960BR	1051	44.3	82.0		1.07	31.9	5.0
ST 4554B2RF	1049	44.2	82.2		1.05	30.4	4.9
CG4020B2RF	1047	45.0	82.5		1.05	28.9	5.1
ST 4575BR	1039	43.9	82.6		1.05	28.7	4.9
ST 4664RF	1027	43.8	82.5		1.05	29.4	5.1
DP 444 BG/RR	1003	45.1	82.1		1.02	28.0	4.5
DP 393	984	44.6	82.6		1.06	29.7	5.0
CG3520B2RF	962	44.0	83.1		1.07	26.2	4.4
DP 121 RF	950	46.1	82.2		1.05	31.2	5.3
DynaGro 2100B2RF	943	42.3	82.7		1.02	29.1	4.9
BW-3255B2F	937	42.8	83.1		1.04	28.7	4.7
FM965LLB2	929	42.4	82.6		1.12	34.2	4.9
DynaGro 2242B2/RF	912	43.0	81.9		1.06	26.6	4.3
GA2002167	910	45.3	82.1		1.07	32.8	4.9
DP 432 RR	908	42.9	82.5		1.05	29.0	4.6
ST4700B2RF	906	43.7	82.4		1.07	31.7	4.7
BW-8391B2F	881	41.2	82.5		1.11	30.4	4.8
BW-2038B2F	867	43.3	82.5		1.08	26.5	4.7
DP 434 RR	858	44.3	82.4		1.11	27.9	5.0
BW-4021B2F	844	40.4	81.2		1.08	28.9	4.6
BW-4630B2F	819	41.5	81.2		1.07	27.9	4.6
CG3020B2RF	814	41.5	82.1		1.03	28.0	4.4
Average	1068	44.5	82.4		1.07	30.2	4.8
LSD 0.10	186	1.2	N.S. ¹		0.05	3.5	0.4
CV %	14.8	2.3	0.8		2.64	6.9	5.6

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(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 3, 2006.

Harvested: October 11, 2006.

Soil Type: Appling coarse sandy loam.

Fertilization: 76 lb N, 76 lb P₂O₅, and 76 lb K₂O/acre.

Management: Temik 15G applied 5 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	2.14	2.97	4.71	2.41	2.95	3.39

Trials conducted by Larry Thompson and Jason Strickland.