

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

Variety	Lint Yield lb/acre	Lint %	Uniformity		Strength* g/tex	Micronaire* units
			Index*	Length* inches		
DP 488 BG/RR	1190	46.1	82.8	1.12	31.9	5.3
DP 454 BG/RR	1122	48.2	81.9	1.00	28.5	4.7
DP 555 BG/RR	1030	46.0	82.8	1.06	30.1	5.2
GA2003118	1023	46.0	82.6	1.13	33.8	5.2
DP 494 RR	1002	44.2	82.2	1.07	30.0	4.9
GA2002125	990	47.5	81.0	1.09	32.4	5.1
DP 515 BG/RR	959	44.4	82.1	1.08	29.0	4.9
GA2003131	931	46.2	83.1	1.10	31.7	5.3
DP 143 B2RF	927	44.7	81.9	1.17	28.0	4.7
GA2003137	921	48.1	82.6	1.10	33.2	5.2
PHY745WRF	912	45.7	82.6	1.05	29.8	5.1
DP 147 RF	912	44.8	82.8	1.08	28.5	4.8
DP 445 BG/RR	910	44.9	83.0	1.08	31.0	4.7
DP 164 B2RF	892	43.7	82.3	1.10	32.1	4.7
DP 167 RF	887	41.4	83.6	1.08	29.7	4.7
ST6565B2RF	887	40.9	82.7	1.09	28.4	4.8
DP 449 BG/RR	882	43.4	82.0	1.04	32.6	5.0
FMx9166B2LL	868	44.1	81.9	1.10	33.3	4.7
GA2003138	859	44.3	81.9	1.09	30.3	4.6
FM991B2R	852	44.0	82.3	1.08	32.4	5.0
ST 5599BR	850	47.1	82.5	1.07	32.8	5.6
DP 493	833	43.4	82.2	1.09	28.6	4.7
DP 455 BG/RR	833	46.8	82.0	1.04	30.7	4.5
ST 6622RF	814	43.4	82.6	1.07	31.8	4.6
DynaGro 0A0265BG/RR	804	41.7	82.5	1.09	30.9	4.4
FM988LLB2	780	42.7	82.2	1.07	32.1	5.0
GA2001078	773	46.3	81.3	1.09	31.7	5.4
ST 6611B2RF	724	39.7	82.4	1.06	29.5	4.5
Average	906	44.6	82.3	1.08	30.9	4.9
LSD 0.10	130	1.4	N.S. ¹	0.06	3.1	0.5
CV %	12.2	2.8	0.7	3.03	6.0	6.4

* 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.