

Midville, 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	762	46.9	82.0		0.99	28.5	4.9
DP 393	739	43.2	82.5		1.06	31.2	4.7
CG3520B2RF	681	42.2	81.4		1.08	26.8	4.5
PHY310R	624	43.6	81.4		1.03	30.5	4.8
DP 444 BG/RR	616	43.9	82.0		1.05	29.7	4.3
PHY425RF	615	45.2	81.4		1.03	29.9	4.8
PHY480WR	610	42.7	82.7		1.08	30.7	4.9
PHY370WR	605	44.8	82.1		1.05	30.8	4.6
GA2002209	599	44.5	81.0		1.06	32.2	5.1
DP 445 BG/RR	589	42.1	82.9		1.09	31.0	4.8
DP 143 B2RF	577	41.0	80.6		1.13	29.0	4.5
PHY470WR	560	43.7	83.0		1.04	30.5	4.9
ST 4575BR	541	43.3	80.3		1.01	28.7	4.7
ST 4357B2RF	539	41.3	82.4		1.10	27.8	4.4
DX25105N	521	43.9	81.8		1.07	29.8	4.9
DP 110 RF	517	42.7	83.2		1.12	35.7	4.9
GA2002167	514	43.6	82.2		1.04	32.1	4.7
ST 4554B2RF	509	44.2	82.1		1.09	31.1	4.9
DP 117 B2RF	508	43.1	81.2		1.08	31.3	5.0
DP 455 BG/RR	507	42.9	81.3		1.05	31.1	4.6
DPLX06W650F	503	43.9	81.3		1.05	30.5	4.7
DP 121 RF	501	43.3	82.3		1.07	29.8	4.9
BW-4630B2F	496	41.8	81.5		1.08	26.8	4.4
GA2003156	494	43.8	81.9		1.10	34.3	5.3
ST 4664RF	491	42.0	82.6		1.06	31.5	4.7
DP 434 RR	485	43.5	81.8		1.06	29.3	4.8
FM965LLB2	485	41.1	81.8		1.09	33.4	4.7
GA2002212	468	44.3	82.8		1.10	33.1	5.3
DynaGro 2242B2/RF	456	39.5	81.8		1.08	27.5	4.4
DynaGro 2520B2RF	454	40.5	82.1		1.06	27.0	4.4
DynaGro 060642B2/RF	449	39.2	81.3		1.03	27.5	3.7
BW-8391B2F	442	40.6	81.9		1.11	29.9	4.4
PHY485WRF	439	43.1	82.5		1.07	32.6	4.9
FM9063B2F	433	41.8	82.4		1.12	33.5	4.7
ST 5242BR	428	42.9	82.7		1.05	29.7	5.0
BW-2038B2F	417	42.0	81.9		1.06	27.4	4.7
DP 432 RR	412	43.1	82.4		1.04	29.9	4.9
DynaGro 2100B2RF	396	39.1	81.8		1.05	29.1	4.3
ST4427B2RF	394	42.8	82.1		1.10	32.0	4.8
DP 147 RF	391	42.1	82.4		1.11	31.5	4.9
FM966LL	381	43.6	81.7		1.08	34.1	5.1
FM9068F	368	41.6	82.2		1.12	31.2	4.7
ST4700B2RF	364	42.2	82.5		1.03	26.5	4.3
CG4020B2RF	358	41.1	81.4		1.10	27.1	4.4
FM9060F	329	43.2	81.2		1.10	29.3	4.6
CG3020B2RF	326	39.5	82.0		1.09	29.2	4.3
FM960B2R	324	43.0	80.8		1.06	31.9	4.8
FM960BR	286	41.2	82.3		1.07	32.3	5.2
BW-3255B2F	274	38.5	81.7		1.04	28.0	4.0
BW-4021B2F	262	38.5	81.6		1.08	27.0	4.3
Average	481	42.4	81.9		1.07	30.2	4.7
LSD 0.10	177	1.1	N.S. ¹		0.05	2.6	0.4
CV %	31.5	2.3	0.9		2.84	5.2	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 $\alpha = .10$ 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, 2006.

Harvested: September 27, 2006.

Soil Type: Dothan sandy loam.

Fertilization: 103 lb N, 50 lb P_2O_5 , and 75 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):	1.62	5.85	1.12	2.00	1.58

Trials conducted by Larry Thompson and Rick Jackson.