

Bainbridge, Georgia:
Earlier Maturity Cotton Variety Performance, 2006, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire* units
			Index*	%			
PHY485WRF	1633	43.2	84.6		1.16	30.1	5.1
PHY470WR	1574	42.7	84.1		1.12	29.5	5.0
DP 454 BG/RR	1556	44.8	84.2		1.14	29.9	4.3
FM960BR	1509	42.6	83.1		1.14	32.8	4.8
ST4427B2RF	1461	42.7	84.4		1.15	30.9	5.0
DP 143 B2RF	1439	41.2	83.9		1.22	28.9	4.9
FM960B2R	1426	41.9	82.7		1.16	31.3	5.0
DP 393	1418	42.9	84.6		1.16	31.3	5.1
GA2003156	1394	43.7	84.5		1.14	33.1	5.3
PHY370WR	1378	43.7	83.4		1.11	30.8	5.2
PHY425RF	1364	41.2	85.2		1.16	32.5	5.0
ST 4575BR	1342	43.1	84.0		1.14	29.2	5.5
DX25105N	1300	43.8	83.9		1.16	28.6	5.0
ST 4357B2RF	1295	42.3	85.0		1.18	27.9	5.0
PHY480WR	1276	42.4	84.6		1.15	29.3	5.0
DP 455 BG/RR	1270	43.4	83.9		1.16	31.5	4.9
DP 147 RF	1251	41.8	82.6		1.20	30.0	4.5
ST 4554B2RF	1241	40.9	85.2		1.16	29.7	5.4
DP 117 B2RF	1236	42.7	84.7		1.18	32.3	5.1
DP 110 RF	1230	41.8	84.9		1.19	34.5	4.8
FM965LLB2	1229	39.1	84.5		1.19	34.1	4.3
FM966LL	1227	41.9	84.5		1.18	36.1	4.8
FM9068F	1221	41.9	84.8		1.19	32.4	4.7
CG4020B2RF	1221	43.7	85.0		1.20	28.3	4.9
DynaGro 060642B2/RF	1210	39.0	84.4		1.12	27.3	4.0
GA2002167	1183	43.6	83.7		1.12	31.1	5.2
BW-8391B2F	1171	39.3	84.8		1.18	29.3	4.8
FM9063B2F	1147	40.9	85.0		1.22	31.1	4.8
PHY310R	1140	45.7	83.8		1.12	30.6	5.2
DynaGro 2520B2RF	1124	41.9	84.2		1.17	27.6	4.9
CG3020B2RF	1118	40.0	83.6		1.10	27.1	5.1
DP 121 RF	1104	45.0	84.3		1.14	29.9	5.2
DynaGro 2242B2/RF	1104	41.0	83.8		1.15	26.5	5.0
ST 4664RF	1085	41.7	83.8		1.13	29.7	5.1
DP 444 BG/RR	1081	41.8	84.8		1.14	29.8	4.6
CG3520B2RF	1080	42.1	84.6		1.16	25.4	4.9
DPLX06W650F	1063	42.1	84.4		1.16	28.4	4.7
GA2002212	1061	44.2	83.6		1.15	32.8	5.4
ST4700B2RF	1060	40.8	84.1		1.15	26.9	4.8
BW-3255B2F	1028	41.7	84.4		1.13	27.2	4.8
DP 445 BG/RR	1018	43.4	84.7		1.15	29.4	5.2
BW-4021B2F	1013	38.7	84.2		1.17	27.3	4.4
GA2002209	1007	46.3	84.1		1.14	32.1	5.4
DP 432 RR	1006	43.6	84.1		1.13	29.8	5.4
BW-4630B2F	994	40.9	84.3		1.16	27.3	4.9
FM9060F	993	43.2	84.0		1.23	29.9	4.4
DP 434 RR	903	43.5	84.4		1.16	27.3	4.9
BW-2038B2F	902	41.0	83.6		1.14	27.4	4.9
ST 5242BR	898	43.5	83.2		1.12	28.4	4.5
DynaGro 2100B2RF	891	40.1	82.9		1.10	27.2	4.4
Average	1197	42.3	84.2		1.15	29.8	4.9
LSD 0.10	234	1.0	1.2		0.03	1.8	0.4
CV %	16.7	2.0	0.8		1.77	3.7	4.6

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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: May 19, 2006.

Harvested: October 25, 2006.

Soil Type: Bonnaeu blanton loamy sand

Fertilization: 147 lb N, 115 lb P_2O_5 , and 152 lb K_2O /acre.

Management: Temik 15G applied 5 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	6.60	1.50	1.55	10.75	4.20	3.55
Irrigation (in):	2.25	3.00	5.25	3.00	0.0	0.0

Trials conducted by Larry Thompson and Joel Hudgins.