

## Bainbridge, Georgia: Later Maturity Cotton Variety Performance, 2006, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Strength* g/tex	Micronaire* units
			Index* %	Length* inches		
DP 555 BG/RR	<b>2300</b>	43.2	82.4	1.15	29.2	4.9
DP 515 BG/RR	1876	43.4	83.0	1.15	30.1	4.9
DP 454 BG/RR	1801	44.2	83.7	1.11	30.1	4.7
DP 493	1797	45.3	83.8	1.16	30.8	4.7
ST6565B2RF	1629	39.0	84.4	1.18	31.5	5.1
DP 488 BG/RR	1575	42.5	83.2	1.21	29.7	4.8
ST 5599BR	1572	43.9	82.9	1.12	30.8	5.4
DP 449 BG/RR	1543	40.8	84.0	1.15	29.6	5.0
DP 143 B2RF	1521	39.7	83.0	1.24	29.3	4.5
FM988LLB2	1506	40.9	83.6	1.18	30.8	4.8
GA2003137	1466	44.1	83.5	1.16	30.3	5.3
GA2002125	1466	42.5	84.0	1.18	31.5	4.9
DP 164 B2RF	1448	41.7	84.7	1.20	29.1	5.1
GA2003131	1448	40.2	84.1	1.21	31.3	4.6
GA2003118	1423	42.6	85.0	1.23	32.3	4.9
DP 167 RF	1419	39.6	84.0	1.17	29.8	4.7
DP 147 RF	1376	42.0	83.5	1.22	29.4	4.7
GA2001078	1369	42.6	82.9	1.16	30.9	5.3
DP 494 RR	1362	42.6	83.9	1.20	30.8	5.0
ST 6622RF	1347	41.7	84.5	1.15	30.6	5.1
ST 6611B2RF	1345	38.8	83.5	1.12	30.5	5.2
FMx9166B2LL	1324	41.3	83.6	1.19	31.9	4.8
DP 455 BG/RR	1260	44.1	83.5	1.14	30.1	4.9
FM991B2R	1199	40.0	84.4	1.19	32.0	4.9
PHY745WRF	1157	40.4	84.4	1.16	31.2	4.7
GA2003138	1028	41.4	84.2	1.17	29.5	4.9
DP 445 BG/RR	989	44.2	82.9	1.13	28.0	5.1
DynaGro 0A0265BG/RR	980	39.0	84.7	1.19	35.7	4.4
Average	1447	41.8	83.7	1.17	30.6	4.9
LSD 0.10	210	0.9	N.S. <sup>1</sup>	0.04	2.0	0.4
CV %	12.3	1.9	1.0	2.10	3.8	1.5

\* 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 19, 2006.

Harvested: October 25, 2006.

Soil Type: Bonnaeu blanton loamy sand

Fertilization: 147 lb N, 115 lb P<sub>2</sub>O<sub>5</sub>, and 152 lb K<sub>2</sub>O/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.