

Midville, 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	2132	44.5	83.5	1.16	31.0	4.6
DP 454 BG/RR	2096	45.5	83.3	1.11	28.5	4.0
GA2002125	2090	45.0	84.0	1.19	31.7	4.5
DP 488 BG/RR	2075	43.2	84.0	1.22	30.9	4.6
DP 455 BG/RR	2056	44.5	82.2	1.13	31.6	4.1
DP 515 BG/RR	1957	42.8	83.1	1.15	30.5	4.3
GA2003137	1948	45.0	84.4	1.18	32.9	4.9
DP 494 RR	1943	43.2	84.2	1.19	33.6	4.7
DP 493	1934	45.0	83.6	1.18	30.7	4.7
DP 445 BG/RR	1886	41.8	84.3	1.15	29.7	4.5
DP 449 BG/RR	1885	42.1	83.3	1.13	31.1	4.3
DP 167 RF	1808	42.1	84.1	1.19	31.9	4.5
PHY745WRF	1806	42.7	83.7	1.15	31.2	4.3
DP 164 B2RF	1804	40.3	83.0	1.18	30.3	4.5
DP 143 B2RF	1790	41.0	82.9	1.25	29.6	4.1
ST 6611B2RF	1738	38.8	83.7	1.17	33.5	4.6
DP 147 RF	1730	42.0	82.7	1.19	30.9	4.2
GA2003131	1698	42.9	84.8	1.23	33.3	4.7
ST 6622RF	1694	39.9	83.8	1.16	31.5	4.6
GA2003138	1673	43.0	84.1	1.18	29.9	4.4
GA2003118	1630	43.2	84.2	1.19	33.6	4.8
GA2001078	1617	43.6	83.9	1.14	32.4	4.6
ST 5599BR	1607	42.9	82.9	1.13	32.1	4.5
FMx9166B2LL	1605	40.8	83.8	1.19	33.5	4.2
FM991B2R	1565	39.8	83.0	1.15	33.1	4.4
FM988LLB2	1564	39.7	81.3	1.13	33.5	3.9
ST6565B2RF	1419	38.0	83.2	1.14	31.1	4.8
DynaGro 0A0265BG/RR	1389	40.9	83.9	1.15	36.7	3.7
Average	1791	42.3	83.5	1.17	31.8	4.4
LSD 0.10	280	0.9	0.9	0.04	1.8	0.5
CV %	13.3	1.8	0.6	2.20	3.3	6.8

* 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 1, 2006.

Harvested: September 26, 2006.

Soil Type: Dothan sandy loam.

Fertilization: 103 lb N, 50 lb P₂O₅, and 75 lb K₂O/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
Irrigation (in):	0.75	1.50	3.75	1.50	0.0

Trials conducted by Larry Thompson and Rick Jackson.