

Tifton, Georgia:

Earlier Maturity Cotton Variety Performance, 2012, Irrigated

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire* units
			Index* %			
DP 1219 B2RF	2143	40.0	82.9	1.20	31.1	4.4
DP 1137 B2RF	2091	41.4	84.4	1.16	25.9	4.7
PHY 499 WRF	2067	41.0	83.5	1.16	29.3	4.8
FM1944 GLB2	2036	38.0	83.8	1.22	30.1	4.5
DP 1034 B2RF	2030	41.2	84.0	1.16	27.4	4.7
GA2009100	2017	39.8	84.3	1.22	31.0	4.1
DP 1028 B2RF	1913	39.1	83.5	1.16	26.6	4.4
MON 11R124B2R2	1895	41.7	83.4	1.18	26.6	4.3
All-Tex Nitro 44 B2RF	1885	37.8	84.7	1.25	32.1	3.9
DG2595 B2RF	1882	38.1	83.8	1.18	29.6	4.9
All-Tex LA122	1872	39.4	84.2	1.18	26.8	4.1
GA2006106	1836	37.4	84.0	1.22	29.9	4.3
BX1346GLB2	1833	38.3	83.5	1.14	27.5	4.4
SSG AU 222	1831	37.8	83.4	1.19	27.6	4.3
NG 1511 B2RF	1825	39.1	83.2	1.11	27.8	4.8
PX-4339-CB WRF	1823	39.1	83.9	1.21	27.3	4.5
PX 4339-06 WRF	1816	39.0	83.4	1.18	28.7	4.3
GA2004143	1798	41.2	84.6	1.20	29.9	4.8
PHY 375 WRF	1796	39.9	83.0	1.16	27.8	4.4
SSG CT Linwood	1774	39.0	83.7	1.15	30.3	4.8
All-Tex 7A21	1759	39.0	83.8	1.20	28.6	4.2
BRS293	1752	37.5	83.2	1.16	30.7	4.6
DP 0912 B2RF	1743	37.4	82.4	1.13	27.9	5.0
Dyna-Gro 2570B2RF	1698	38.4	83.0	1.14	29.0	4.8
BRS286	1683	37.2	83.5	1.17	29.9	4.6
MON 11R112B2R2	1668	39.1	83.1	1.14	27.4	4.9
AM 1550 B2RF	1604	37.8	82.9	1.14	25.8	4.7
SSG HQ 210 CT	1587	36.4	82.4	1.16	27.8	4.5
GA2008057	1582	36.5	83.9	1.23	29.8	4.3
PHY 367 WRF	1539	37.7	83.0	1.16	28.1	4.2
Average	1826	38.9	83.5	1.17	28.6	4.5
LSD 0.10	160	0.8	1.0	0.03	1.6	0.3
CV %	7.4	1.8	0.7	1.35	3.2	3.9

* To determine percent lint fractions and quality parameters plot seed cotton was processed through the Micro-Gin located on the UGA Tifton Campus.

Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: April 30, 2012.

Harvested: September 28, 2012.

Seeding Rate: 4 seeds/foot in 36' rows.

Soil Type: Tifton loam.

Soil Test: P = Medium, K = Medium, and pH = 5.9.

Fertilization: 18 lb N, 54 lb P₂O₅, and 108 lb K₂O/acre. Sidedress: 80 lb N and 60 lb K₂O/acre.

Previous Crop: Peanuts.

Management: Disked, ripped, and bedded; Prowl, Cotoran, and Reflex used for weed control; Bidrin and Tracer used for insect control; Temik applied 5 lb/acre.

	April	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	0.80	0.50	0.80	3.00	0	0	0
Rainfall (in):	1.13	3.20	4.61	3.20	9.95	2.21	2.48

Trials conducted by A. Coy, R. Brooke, D. Dunn, S. Willis and L. Thompson.