

Athens, Georgia:

Dryland Later Maturity Cotton Variety Performance, 2012

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire*
			Index* %			
DG2610 B2RF	1287	47.2	83.4	1.15	29.2	5.2
PHY 499 WRF	1270	47.0	83.0	1.11	30.8	5.3
GA2007095	1246	45.1	83.7	1.16	30.6	5.1
CG 3787 B2RF	1218	50.8	84.7	1.16	28.8	4.9
DP 1050 B2RF	1216	48.0	83.3	1.15	27.9	4.9
DP 1137 B2RF	1206	46.9	83.5	1.12	29.3	5.2
DP 1034 B2RF	1200	48.6	82.4	1.11	27.1	5.2
PX 5322-11 WRF	1186	44.3	84.2	1.19	28.7	4.8
GA2004230	1164	44.5	83.9	1.24	32.2	5.0
NGX0012B2RF	1157	47.2	83.9	1.16	28.1	5.2
BX1348GLB2	1156	44.5	81.9	1.20	31.3	5.2
DP 1048 B2RF	1154	48.2	84.6	1.16	28.5	5.1
DP 1252 B2RF	1135	47.2	84.3	1.16	27.6	5.0
NG 1511 B2RF	1070	46.7	83.5	1.16	30.9	5.1
MON 11R154B2R2	1016	41.9	83.4	1.17	33.7	5.0
MON 11R159 B2RF	1014	45.5	82.7	1.18	31.7	5.0
MON 11R136B2R2	1012	46.6	83.2	1.21	31.7	4.6
PHY 375 WRF	1011	46.8	82.7	1.13	29.0	5.1
PHY 440 W	994	45.3	83.7	1.13	31.4	5.1
All-Tex Nitro 44 B2RF	940	44.8	83.9	1.19	32.9	4.5
SSG CT310 HQ	938	41.8	84.5	1.15	33.7	5.2
GA2008083	936	44.9	82.4	1.13	32.0	5.1
PHY 565 WRF	935	44.4	82.3	1.13	31.0	5.3
Average	1107	46.0	83.4	1.16	30.3	5.0
LSD 0.10	137	1.8	1.1	0.04	1.3	0.3
CV %	10.5	3.2	0.7	2.31	2.5	3.8

* A random quality sample was taken on the picker during cotton harvest and to determine percent lint fractions plot seed cotton was processed through a small gin in gin house 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: May 3, 2012.

Harvested: October 9, 2012.

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

Soil Type: Cecil sandy clay loam.

Soil Test: P = Medium, K = Medium, and pH = 6.5.

Fertilization: 80 lb N, 80 lb P₂O₅, and 80 lb K₂O/acre. Sidedress: 100 lb N/acre.

Previous Crop: Soybeans.

Management: Disked, subsoiled, and strip tilled; Trellan, Reflex, and Cotoran used for weed control; Temik used for insect control.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	2.47	1.90	3.63	4.49	2.70	1.91

Trials conducted by J. Gassett, G. Ware, J. Griffin, B. Baerne, and L. Thompson.