

Athens, Georgia:
Dryland Earlier Maturity Cotton Variety Performance, 2012

Variety	Lint Yield lb/acre	Lint* %	Uniformity		Strength* g/tex	Micronaire*
			Index* %	Length* inches		
PHY 499 WRF	1439	48.7	82.3	1.10	29.6	5.6
GA2009100	1330	46.4	82.9	1.17	31.9	5.0
BX1346GLB2	1179	46.9	82.2	1.13	28.4	5.4
DP 1137 B2RF	1168	47.2	83.3	1.13	26.8	5.1
PHY 375 WRF	1168	47.4	82.7	1.12	29.0	5.0
DP 1034 B2RF	1167	47.1	82.8	1.13	27.3	5.2
PX-4339-CB WRF	1151	47.4	82.5	1.13	30.1	5.1
DP 1219 B2RF	1150	47.9	82.5	1.15	31.2	5.0
DP 1028 B2RF	1143	46.3	83.9	1.14	29.0	5.0
PHY 367 WRF	1128	46.7	83.1	1.12	29.4	5.2
PX 4339-06 WRF	1105	46.5	83.8	1.15	31.1	4.9
All-Tex LA122	1099	46.4	83.6	1.13	29.5	4.8
MON 11R112B2R2	1089	47.4	82.5	1.14	29.1	5.6
SSG HQ 210 CT	1067	46.6	82.3	1.10	29.5	5.4
AM 1550 B2RF	1056	45.7	82.3	1.11	27.1	4.9
NG 1511 B2RF	1048	48.0	82.6	1.13	29.6	5.4
Dyna-Gro 2570B2RF	1042	45.7	83.1	1.13	27.9	5.3
MON 11R124B2R2	1039	46.3	82.3	1.18	27.0	5.2
DG2595 B2RF	1033	45.6	83.5	1.15	29.3	5.4
DP 0912 B2RF	1026	46.6	81.7	1.09	28.4	5.9
GA2004143	997	47.5	84.3	1.19	32.1	5.2
BRS286	993	42.9	81.6	1.10	32.4	5.1
BRS293	993	43.8	83.0	1.15	32.8	5.5
SSG AU 222	992	45.0	81.1	1.15	28.7	5.5
SSG CT Linwood	984	45.0	82.3	1.10	31.1	5.7
All-Tex Nitro 44 B2RF	973	46.0	83.8	1.19	30.5	4.6
GA2006106	961	45.0	82.2	1.15	31.3	5.2
All-Tex 7A21	960	44.0	83.1	1.14	28.8	5.3
GA2008057	888	43.5	83.1	1.14	34.5	4.9
FM1944 GLB2	865	44.4	82.9	1.17	31.1	5.3
Average	1074	46.1	82.7	1.13	29.8	5.2
LSD 0.10	137	1.0	N.S. ¹	N.S.	2.2	0.3
CV %	10.8	1.9	1.2	2.7	4.3	3.8

Athens, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2012 (Continued)

* 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.

1. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an 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 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; Treflan, 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. Gasset, G. Ware, J. Griffin, B. Baerne, and L. Thompson.