

Tifton, Georgia: Dryland Earler Maturity Cotton Variety Performance, 2013

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire*
			Index* %			
NG 1511 B2RF	1891	46.2	83.5	1.11	30.2	4.9
PHY 499 WRF	1826	47.1	82.6	1.13	30.4	4.9
CG 3428 B2RF	1770	45.5	83.8	1.16	30.8	5.0
SSG HQ 210 CT	1757	42.5	81.6	1.08	29.2	4.9
DP 1034 B2RF	1732	45.7	83.6	1.16	28.3	4.6
GA2009037	1701	44.4	83.1	1.18	32.7	5.1
DG CT13125F	1692	46.6	83.6	1.12	28.7	4.5
AM 1550 B2RF	1679	45.4	82.1	1.08	26.5	4.8
MON 12R224B2R2	1659	43.9	81.8	1.15	28.4	4.1
PHY 333 WRF	1659	49.0	84.3	1.16	30.4	4.3
PX 444413 WRF	1657	45.6	85.3	1.28	31.2	3.8
PX 444414 WRF	1651	46.2	82.2	1.16	31.4	3.9
DG CT12353	1617	44.7	83.3	1.13	30.7	5.1
GA2008016	1612	40.8	83.1	1.17	31.8	5.0
ST 4946GLB2	1610	43.0	82.3	1.12	33.0	5.0
PHY339 WRF	1600	45.6	83.2	1.19	30.2	4.9
SSG AU 222	1593	45.4	83.6	1.18	30.8	4.7
GA2004143	1587	43.2	83.2	1.24	32.9	4.4
DP 1321 B2RF	1584	46.6	82.9	1.09	30.1	5.3
GA2009100	1578	45.4	84.5	1.18	33.7	4.3
PHY 427 WRF.rk	1561	41.2	82.8	1.18	31.2	4.1
SSG CT Linwood	1519	43.4	83.5	1.11	33.7	5.2
GA2010098	1506	40.9	82.5	1.17	31.8	3.9
DG2285 B2RF	1501	43.5	84.0	1.15	29.6	4.7
PX 300310 WRF	1484	44.6	82.3	1.10	29.6	4.9
DP 0912 B2RF	1483	43.4	83.3	1.10	29.3	4.9
PHY 417 WRF.rk	1191	44.7	82.4	1.13	31.1	4.3
Average	1619	44.6	83.1	1.15	30.6	4.6
LSD 0.10	215	1.8	1.4	0.05	2.8	0.4
CV %	11.3	3.4	1.0	2.81	5.4	5.5

* 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: April 30, 2013.

Harvested: October 24, 2013.

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

Soil Type: Tifton sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 7.1.

Fertilization: 25 lb N, 88 lb P₂O₅, and 100 lb K₂O/acre. Sidedress: 70 lb N and 25 lb K₂O/acre.

Previous Crop: Peanuts.

Management: Disked, subsoiled and bedded; Reflex, Cotoran, and Prowl used for weed control; Orthene and Bidrin used for insect control; Pix used for PGR.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	2.26	6.86	8.67	7.41	0	0

Trials conducted by A. Coy, S. Willis, R. Brooke, D. Dunn, and B. McCranie.