

Plains, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2013

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire*
			Index* %			
PX 444413 WRF	2240	44.9	85.2	1.27	31.3	3.7
PHY 499 WRF	2113	45.1	84.6	1.18	32.2	4.7
PX 300310 WRF	2078	43.3	84.3	1.16	31.0	4.4
PHY 333 WRF	2033	44.6	84.8	1.21	31.5	4.4
PHY339 WRF	1958	43.9	84.9	1.21	30.1	4.4
DP 1034 B2RF	1941	43.6	84.7	1.20	29.7	4.5
CG 3428 B2RF	1936	46.6	85.0	1.22	29.5	4.8
GA2009037	1923	42.1	82.7	1.17	28.7	4.7
MON 12R224B2R2	1922	42.1	84.4	1.21	29.9	4.1
PX 444414 WRF	1908	44.0	83.7	1.20	30.8	4.2
DG CT13125F	1896	43.4	83.8	1.18	30.8	4.2
NG 1511 B2RF	1891	45.2	84.6	1.17	31.1	4.9
SSG HQ 210 CT	1867	42.7	82.5	1.11	30.6	4.6
AM 1550 B2RF	1845	43.5	82.7	1.13	27.5	4.4
GA2008016	1823	39.7	84.1	1.16	32.0	4.9
SSG AU 222	1807	43.5	84.1	1.20	30.5	4.2
GA2010098	1807	44.0	84.6	1.21	31.5	4.5
PHY 427 WRF.rk	1806	42.3	83.7	1.16	30.7	4.0
DP 1321 B2RF	1796	44.0	84.8	1.16	31.3	4.7
DP 0912 B2RF	1787	41.6	83.8	1.15	30.9	4.6
GA2009100	1777	44.8	85.2	1.22	32.8	4.3
SSG CT Linwood	1757	41.8	84.7	1.18	33.7	4.8
ST 4946GLB2	1746	43.4	83.9	1.14	30.3	4.7
DG2285 B2RF	1659	41.3	83.9	1.14	29.2	4.4
DG CT12353	1617	42.5	83.3	1.14	30.8	4.8
GA2004143	1580	44.3	84.3	1.22	34.7	4.4
PHY 417 WRF.rk	1564	43.2	83.5	1.17	31.4	4.1
Average	1855	43.4	84.1	1.18	30.9	4.4
LSD 0.10	197	0.9	1.3	0.03	2.0	0.4
CV %	9.0	1.8	0.9	1.73	3.7	5.7

* 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 9, 2013.

Harvested: October 31, 2013.

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

Soil Type: Greenville sandy loam

Soil Test: P = Low, K = High, and pH = 6.3.

Fertilization: 20 lb N, 91 lb P₂O₅, and 75 lb K₂O/acre. Sidedress: 90 lb N/acre.

Previous Crop: Soybeans.

Management: Disked, chisel plowed, rototilled; Staple used for weed control; Bidrin and Sniper used for insect control; Pix used for PGR; Finish and ET® used for defoliation; boron applied 2.5 lb/acre; lime applied 800 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	2.25	5.24	7.77	5.91	2.16	0.36

Trials conducted by A. Coy, R. Brooke, D. Dunn, B. McCranie, W. Jones, and D. Pearce.