

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

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire*
			Index* %			
PX 4339-06 WRF	747	45.9	83.9	1.12	29.2	5.1
FM1944 GLB2	689	46.5	82.7	1.13	30.3	5.1
BRS286	672	46.6	83.3	1.13	28.3	4.9
DP 1028 B2RF	648	44.1	83.2	1.13	29.7	4.9
SSG CT Linwood	634	46.8	83.1	1.11	28.0	4.9
NG 1511 B2RF	621	48.5	82.2	1.10	29.0	5.2
BRS293	619	45.2	83.6	1.19	29.9	4.7
PX-4339-CB WRF	616	45.0	82.6	1.12	27.4	5.0
BX1346GLB2	606	46.9	84.2	1.16	29.9	5.0
MON 11R112B2R2	605	46.2	82.8	1.11	28.0	5.0
GA2004143	603	43.9	85.0	1.20	30.8	4.7
DP 0912 B2RF	601	43.7	83.3	1.16	29.0	5.1
PHY 375 WRF	585	44.3	83.1	1.15	29.7	4.9
DG2595 B2RF	576	47.2	83.0	1.11	29.2	5.1
DP 1034 B2RF	575	46.7	83.2	1.17	29.7	4.2
All-Tex LA122	562	46.5	84.7	1.17	30.1	5.0
Dyna-Gro 2570B2RF	556	45.5	82.4	1.12	29.3	5.1
GA2009100	556	46.9	81.3	1.10	29.2	5.5
DP 1219 B2RF	554	44.5	82.6	1.14	30.4	4.9
AM 1550 B2RF	553	44.8	82.6	1.09	28.8	5.4
PHY 367 WRF	547	41.6	84.5	1.18	31.6	4.9
All-Tex 7A21	546	44.9	82.7	1.10	30.2	4.9
MON 11R124B2R2	540	43.3	81.8	1.12	29.1	5.5
GA2006106	535	46.4	81.7	1.10	27.2	5.1
GA2008057	535	46.6	82.4	1.14	27.3	5.2
All-Tex Nitro 44 B2RF	527	45.0	83.1	1.07	30.4	4.7
SSG AU 222	524	44.0	82.2	1.09	28.5	4.8
PHY 499 WRF	523	47.8	84.7	1.15	28.4	5.4
SSG HQ 210 CT	510	44.4	82.0	1.16	30.2	4.9
DP 1137 B2RF	491	44.1	82.4	1.10	27.3	5.2
Average	582	45.5	83.0	1.13	29.2	5.0
LSD 0.10	N.S. ¹	2.4	N.S.	N.S.	N.S.	0.4
CV %	23.5	4.4	1.4	364	8.1	5.0

Plains, 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 2, 2012.

Harvested: October 18, 2012.

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

Soil Type: Greenville sandy loam.

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

Fertilization: 21 lb N, 60 lb P₂O₅, and 60 lb K₂O/acre. Sidedress: 80 lb N/acre.

Previous Crop: Peanuts.

Management: Disked, subsoiled, and bedded; Treflan, Reflex, Diuron, Staple, and MSMA used for weed control; Orthene, Bidrin, Mustang Max, Baythroid, and Discipline used for insect control; Temik applied 5 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.36	3.49	3.91	2.28	3.64	1.50

Trials conducted by A. Coy, R. Brooke, D. Dunn, R. Pines, W. Jones, D. Pearce, and L. Thompson.