

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

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire*
			Index* %			
MON 13R352B2R2	1875	44.0	84.2	1.22	31.6	4.4
BX 1347GLB2	1872	44.9	83.3	1.20	29.5	4.5
ST 6448GLB2	1868	42.5	84.5	1.24	30.4	4.5
PHY 599 WRF	1794	44.5	84.2	1.22	31.9	4.5
MON 12R242B2R2	1775	43.7	84.3	1.15	28.9	4.9
PHY575 WRF	1773	41.6	84.2	1.22	29.2	4.3
DP 1252 B2RF	1760	43.5	84.1	1.18	27.9	4.7
CG 3787 B2RF	1747	45.1	84.8	1.21	30	4.7
DP 1137 B2RF	1689	44.7	84.8	1.17	30.2	4.9
PX 554010 WRF	1683	44.6	83.9	1.16	29.3	4.3
NG 5315 B2RF	1666	44.5	85.5	1.20	28.4	4.9
PHY 499 WRF	1652	45.5	85.0	1.17	31.6	4.8
DP 1050 B2RF	1637	44.0	83.7	1.19	30.1	4.6
GA 230	1569	43.3	83.8	1.22	31.2	4.6
DG2610 B2RF	1539	42.3	84.5	1.22	30.2	4.1
FM1944 GLB2	1522	40.1	83.7	1.22	32.5	4.8
PX 553840 WRF	1519	41.3	85.4	1.21	31.6	4.3
NG 1511 B2RF	1500	43.5	84.6	1.16	30.4	5.1
GA2007095	1498	42.5	84.2	1.17	32.6	4.9
MON 13R347B2R2	1477	44.2	83.7	1.14	30.6	5.1
Average	1671	43.5	84.3	1.19	30.4	4.6
LSD 0.10	216	1.1	N.S. ¹	0.03	1.7	0.4
CV %	10.9	2.2	0.7	1.44	3.2	4.4

* 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 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.