

## Plains, Georgia: Later Maturity Cotton Variety Performance, 2013, Irrigated

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire*
			Index* %			
MON 13R352B2R2	<b>2139</b>	44.9	84.5	1.22	32.0	4.4
BX 1347GLB2	<b>2049</b>	42.4	84.1	1.26	30.6	4.4
DP 1252 B2RF	<b>2045</b>	45.0	85.4	1.21	29.7	5.1
MON 13R347B2R2	<b>2030</b>	42.7	83.4	1.19	31.4	4.9
PHY575 WRF	<b>2014</b>	40.8	84.7	1.25	30.2	4.2
PX 554010 WRF	<b>2014</b>	45.3	84.2	1.16	30.5	4.3
DP 1050 B2RF	<b>1984</b>	45.3	84.6	1.18	29.3	4.9
DP 1137 B2RF	1976	43.5	82.8	1.16	29.6	4.8
CG 3787 B2RF	1939	45.1	83.5	1.17	29.8	4.8
PHY 499 WRF	1890	44.6	85.4	1.16	32.5	5.0
MON 12R242B2R2	1878	43.9	84.8	1.18	28.3	4.9
FM1944 GLB2	1876	40.5	82.9	1.19	32.1	4.6
ST 6448GLB2	1867	41.3	84.7	1.23	30.2	4.9
NG 1511 B2RF	1855	44.3	83.9	1.17	30.8	4.8
GA2007095	1784	40.6	84.1	1.15	33.2	4.8
NG 5315 B2RF	1769	44.0	84.4	1.16	30.4	4.7
DG2610 B2RF	1769	44.2	83.9	1.17	28.4	4.8
PX 553840 WRF	1763	40.5	84.1	1.18	31.3	4.4
GA 230	1763	40.5	82.9	1.26	30.2	4.4
PHY 599 WRF	1636	44.0	84.6	1.23	31.4	4.6
Average	1902	43.2	84.1	1.19	30.6	4.7
LSD 0.10	157	0.8	N.S. <sup>1</sup>	0.03	2.1	0.4
CV %	7.0	1.7	1.0	1.36	4.0	5.1

\* 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 30, 2013.

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

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = Very High, and pH = 6.2.

Fertilization: 20 lb N, 91 lb P<sub>2</sub>O<sub>5</sub>, and 75 lb K<sub>2</sub>O/acre. Sidedress: 90 lb N/acre.

Previous Crop: Soybeans

Management: Disked, chisel plowed, rototilled; Staple, Prowl, and Reflex 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 700 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	0	0	0	1.00	0	0
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.