

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

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire*
			Index* %			
DP 1252 B2RF	<b>1613</b>	45.4	85.6	1.20	31.6	5.2
PHY 499 WRF	<b>1529</b>	44.1	85.1	1.20	33.3	5.3
CG 3787 B2RF	<b>1523</b>	44.5	84.4	1.20	30.4	5.3
PX 553840 WRF	<b>1502</b>	43.7	85.2	1.18	31.7	5.1
DP 1050 B2RF	<b>1461</b>	43.6	85.3	1.24	28.8	4.9
PX 554010 WRF	<b>1452</b>	43.7	84.7	1.19	31.2	5.0
MON 13R347B2R2	1439	43.8	83.7	1.19	31.1	5.2
PHY575 WRF	1435	41.4	84.2	1.27	32.5	4.8
NG 1511 B2RF	1425	45.9	83.8	1.18	32.3	5.4
PHY 599 WRF	1353	42.5	85.6	1.27	33.4	5.1
DP 1137 B2RF	1345	42.7	84.5	1.21	31.3	4.9
MON 13R352B2R2	1310	43.9	84.7	1.27	33.6	4.7
NG 5315 B2RF	1307	43.9	84.7	1.22	30.5	5.0
GA 230	1295	39.5	84.4	1.29	31.9	4.3
ST 6448GLB2	1292	40.7	85.2	1.27	31.8	4.8
BX 1347GLB2	1290	43.1	83.3	1.21	31.2	4.6
GA2007095	1266	41.9	84.2	1.19	33.3	4.9
FM1944 GLB2	1248	39.3	84.5	1.24	34.9	5.0
DG2610 B2RF	1223	45.1	85.3	1.22	31.4	5.0
MON 12R242B2R2	1174	40.6	83.7	1.21	31.6	5.2
Average	1374	43.0	84.6	1.22	31.9	5.0
LSD 0.10	164	1.2	N,S. <sup>1</sup>	0.05	2.2	0.3
CV %	10.1	2.4	0.9	2.43	3.9	3.7

\* 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.

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 13, 2013.

Harvested: October 15, 2013.

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

Soil Type: Bonneau blanton loamy sand.

Soil Test: P = High, K = Low, and pH = 6.1.

Fertilization: 21 lb N, 64 lb P<sub>2</sub>O<sub>5</sub>, and 48 lb K<sub>2</sub>O/acre. Sidedress: 160 lb N and 161 lb K<sub>2</sub>O/acre.

Previous Crop: Peanuts.

Management: Disked and subsoiled; Prowl, Roundup, MSMA, and Cotoran used for weed control; Prevathon, Transform, Suspend, and Bidrin used for insect control; Abound used for fungal control.

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	1.55	0.80	0	1.60	0.80	0
Rainfall (in):	3.50	9.40	15.25	8.60	2.30	0.70

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