

Bainbridge, Georgia: Later Maturity Cotton Variety Performance, 2011, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity			Micronaire*
			Index*	Length*	Strength*	
			%	inches	g/tex	units
PHY 499 WRF	1932	45.3	84.5	1.15	32.5	4.7
DP 1252 B2RF	1782	46.6	85.4	1.16	30.0	5.1
ST 4145LLB2	1774	42.4	85.2	1.16	31.8	4.9
BX 1262B2F	1771	42.5	84.4	1.17	30.8	5.0
MON 10R051 B2RF	1749	44.9	85.6	1.18	29.2	4.9
DP 1137 B2RF	1727	45.5	84.8	1.15	28.3	5.1
BX 1252LLB2	1708	44.0	85.2	1.17	31.7	5.1
ST 5288B2F	1708	43.1	84.3	1.13	27.8	5.1
DP 1050 B2RF	1693	45.3	84.6	1.15	28.8	4.9
AM1511 B2RF	1665	43.7	84.2	1.14	29.3	4.7
GA2007095	1663	41.2	85.3	1.19	33.0	5.1
DP 1133 B2RF	1636	44.7	85.3	1.17	30.9	4.9
GA2004230	1636	42.0	84.8	1.22	31.9	4.8
GA2008083	1631	44.8	83.4	1.15	30.2	5.0
DP 1048 B2RF	1584	43.1	85.0	1.17	29.2	4.7
DP 1034 B2RF	1537	46.3	84.9	1.18	28.6	5.0
PHY 565 WRF	1519	42.9	84.4	1.15	30.1	4.8
PHY 375 WRF	1505	44.8	84.4	1.16	29.2	4.9
ST 5458B2RF	1484	43.8	84.5	1.16	30.3	5.2
BX 1261B2F	1433	41.4	84.9	1.18	29.6	4.5
BX 1254LLB2	1394	43.6	84.4	1.19	31.2	5.2
PHY 440 W	1193	41.2	84.8	1.15	31.2	4.8
Average	1624	43.8	84.7	1.16	30.2	4.9
LSD 0.10	157	1.0	0.9	N.S. ¹	2.0	0.3
CV %	8.2	2.0	0.6	1.87	3.8	3.2

* A random quality sample was taken on the picker during cotton harvest.

1. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore a 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 11, 2011.

Harvested: October 17, 2011.

Soil Type:

Fertilization: 180 lb N, 71 lb P₂O₅, and 122 lb K₂O/acre.

Management: Temik applied 5 lb/acre.

	May	June	July	Aug.	Sept.
Irrigation (in):	1.60	4.80	1.60	3.20	0.80
Rainfall (in):	2.10	1.35	9.10	2.35	5.05

Trials conducted by Larry Thompson.