

Athens, Georgia: Dryland Later Maturity Cotton Variety Performance, 2011

Variety	Lint Yield lb/acre	Lint %	Uniformity	Length* inches	Strength* g/tex	Micronaire*
			Index* %			
PHY 499 WRF	1515	49.4	84.4	1.09	31.2	4.9
DP 1048 B2RF	1434	48.9	83.3	1.07	28.6	4.9
BX 1262B2F	1411	46.3	83.4	1.10	30.1	4.7
DP 1137 B2RF	1407	48.2	83.8	1.11	28.2	5.0
DP 1050 B2RF	1365	48.6	83.5	1.11	27.5	4.6
ST 5458B2RF	1320	45.0	82.6	1.07	30.2	5.0
DP 1034 B2RF	1284	47.9	83.3	1.10	27.4	4.7
BX 1254LLB2	1276	46.3	82.9	1.13	29.6	4.7
AM1511 B2RF	1226	47.9	83.5	1.07	29.6	4.5
MON 10R051 B2RF	1178	49.5	83.0	1.07	27.4	4.9
10R052B2R2	1169	49.7	84.0	1.12	27.4	5.1
ST 4145LLB2	1158	45.9	82.1	1.08	31.2	4.1
ST 5288B2F	1123	44.6	83.2	1.08	27.6	4.8
BX 1252LLB2	1115	45.7	83.9	1.13	33.2	4.5
PHY 440 W	1114	45.4	84.1	1.09	30.9	4.4
GA2007095	1075	43.3	83.0	1.10	29.8	4.3
PHY 565 WRF	1075	44.6	83.8	1.07	30.0	4.3
DP 1133 B2RF	1062	47.7	83.3	1.08	30.3	5.2
GA2004230	1046	44.0	84.2	1.15	30.1	4.4
PHY 375 WRF	987	47.1	83.0	1.07	28.1	4.5
GA2008083	973	49.0	82.7	1.05	32.7	4.6
BX 1261B2F	892	42.8	83.2	1.09	29.9	4.5
Average	1191	46.7	83.3	1.09	29.6	4.6
LSD 0.10	195	0.8	1.0	0.04	1.7	0.4
CV %	13.9	1.4	0.7	2.35	3.4	4.7

* 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 5, 2011.

Harvested: September 19, 2011.

Soil Type:

Fertilization: 180 lb N, 80 lb P₂O₅, and 80 lb K₂O/acre.

Management: Temik applied 5 lb/acre.

	April	May	June	July	Aug.	Sept.
Rainfall (in):	2.50	1.40	3.69	1.90	1.00	1.63

Trials conducted by Larry Thompson.