

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

Variety	Lint Yield lb/acre	Lint %	Uniformity		Strength* g/tex	Micronaire*
			Index*	Length*		
			%	inches		units
DP 1028 B2RF	1942	46.8	84.7	1.14	28.4	5.1
DP 1133 B2RF	1928	46.5	85.0	1.16	31.7	5.0
AM1511 B2RF	1886	45.1	84.2	1.15	31.1	4.5
PHY 499 WRF	1877	46.4	84.9	1.14	31.2	5.0
DP 0912 B2RF	1847	43.3	83.4	1.13	29.6	5.1
CG 3787 B2RF	1781	45.7	85.0	1.16	28.5	4.9
Dyna-Gro 2570B2RF	1761	43.4	84.9	1.15	29.2	4.8
BRS286	1707	42.4	84.0	1.14	31.8	4.6
GA2006106	1691	42.0	85.0	1.19	33.9	4.8
PHY 375 WRF	1684	44.6	83.9	1.15	29.0	4.6
BX 1252LLB2	1681	42.1	83.9	1.17	30.9	4.9
BX 1262B2F	1667	43.3	83.9	1.17	29.2	4.8
DP 0949B2RF	1655	44.6	84.5	1.15	30.4	5.0
PHY 367 WRF	1640	43.8	84.6	1.19	29.6	4.5
BCSX 1150B2RF	1626	39.6	85.4	1.22	32.9	4.7
GA2004143	1617	44.5	84.8	1.18	34.9	4.9
ST 4288B2F	1606	40.3	83.5	1.15	26.9	4.8
All-Tex ATX3039 B2RF	1593	43.7	84.0	1.14	29.1	4.5
FM1740B2RF	1580	42.9	83.7	1.16	29.8	4.7
ST 4145LLB2	1566	42.7	84.8	1.17	33.7	4.5
BRS293	1542	42.0	84.5	1.17	33.4	4.9
AM 1550 B2RF	1526	42.5	83.5	1.14	27.1	4.9
All-Tex LA122	1524	43.8	85.1	1.17	29.8	4.6
SSG CT310 HQ	1522	41.3	83.8	1.15	33.3	4.8
DP 0920 B2RF	1507	43.8	83.9	1.15	28.3	4.8
All-Tex 7A21	1503	44.2	84.3	1.17	30.2	4.8
All-Tex ATX81144	1481	42.7	85.8	1.25	31.9	4.0
DP 0924 B2RF	1468	41.9	85.1	1.15	30.7	5.1
SSG HQ 210 CT	1399	40.6	82.3	1.13	30.3	4.7
GA2008057	1302	40.0	84.8	1.19	33.9	4.4
SSG CT Linwood	1185	41.4	84.3	1.13	33.8	5.2
Average	1622	43.2	84.3	1.16	30.8	4.7
LSD 0.10	190	0.8	1.2	0.03	2.3	0.3
CV %	10.0	1.6	0.8	1.82	4.4	4.2

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

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.