

Plains, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2011

Variety	Lint Yield lb/acre	Lint %	Uniformity		Strength* g/tex	Micronaire*
			Index*	Length* inches		
DP 0912 B2RF	687	40.3	84.3	1.12	30.6	4.3
DP 1028 B2RF	672	45.0	84.4	1.13	28.0	4.1
AM1511 B2RF	648	41.5	83.6	1.10	30.9	4.1
PHY 367 WRF	645	40.2	83.1	1.12	30.5	3.8
BX 1252LLB2	627	37.6	83.1	1.14	31.6	3.7
GA2006106	618	40.9	82.7	1.13	31.8	4.0
BRS286	614	39.1	83.0	1.09	31.1	4.1
DP 0920 B2RF	607	39.3	83.7	1.13	26.0	3.7
AM 1550 B2RF	606	38.8	83.8	1.12	27.6	3.7
PHY 499 WRF	604	41.4	82.7	1.13	31.0	3.9
SSG HQ 210 CT	588	38.7	81.4	1.08	29.8	4.3
CG 3787 B2RF	581	43.2	83.7	1.12	28.5	3.9
All-Tex LA122	578	41.3	83.0	1.11	27.5	3.9
FM1740B2RF	567	40.7	82.4	1.10	28.3	3.8
DP 0949B2RF	566	40.3	83.1	1.10	29.1	4.0
GA2004143	555	43.2	83.4	1.14	33.6	4.1
Dyna-Gro 2570B2RF	553	37.7	83.3	1.12	28.9	3.7
DP 1133 B2RF	542	40.3	84.1	1.13	30.1	3.9
BCSX 1150B2RF	534	37.2	83.0	1.16	32.0	3.6
SSG CT Linwood	531	41.3	83.0	1.07	31.2	4.6
DP 0924 B2RF	528	38.9	84.1	1.09	27.8	4.1
SSG CT310 HQ	519	36.6	82.9	1.11	32.5	3.8
ST 4145LLB2	518	39.4	82.9	1.12	29.1	3.8
All-Tex ATX81 144	511	38.3	83.5	1.19	31.4	3.3
ST 4288B2F	500	37.1	83.3	1.12	27.5	3.6
PHY 375 WRF	476	39.7	83.1	1.10	28.1	3.5
All-Tex 7A21	475	40.4	83.5	1.15	30.0	4.1
BRS293	459	38.7	82.2	1.08	32.2	4.4
All-Tex ATX3039 B2RF	431	40.2	82.5	1.11	26.0	3.6
BX 1262B2F	381	37.1	83.0	1.14	31.6	3.4
GA2008057	317	38.0	83.8	1.18	33.3	3.9
Average	550	39.8	83.2	1.12	29.9	3.9
LSD 0.10	N.S. ¹	1.3	1.0	0.03	2.4	0.4
CV %	31.1	2.8	0.7	1.68	4.6	5.5

* 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: October 7, 2011.

Soil Type:

Fertilization: 100 lb N, 88 lb P₂O₅, and 24 lb K₂O/acre.

Management: Temik applied 5 lb/acre.

Rainfall (in):	April	May	June	July	Aug.	Sept.
	2.01	0.03	1.12	7.00	1.50	3.38

Trials conducted by Larry Thompson.