

Plains, Georgia:

Dryland Later Maturity Cotton Variety Performance, 2012

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire*
			Index* %			
DP 1252 B2RF	705	47.8	83.8	1.14	26.9	5.1
PHY 440 W	637	46.1	83.0	1.11	29.4	4.9
DP 1034 B2RF	622	47.8	82.6	1.07	27.8	5.3
DG2610 B2RF	589	45.4	82.7	1.17	31.8	4.6
All-Tex Nitro 44 B2RF	584	48.2	82.6	1.13	26.1	5.2
PHY 565 WRF	563	46.4	81.9	1.12	27.4	5.2
PHY 375 WRF	556	46.7	82.8	1.15	29.4	5.0
DP 1050 B2RF	549	44.1	82.2	1.09	31.5	5.4
SSG CT310 HQ	547	45.4	82.1	1.11	27.2	5.1
MON 11R136B2R2	539	44.4	82.8	1.16	31.2	5.0
GA2007095	534	44.1	81.5	1.22	29.0	4.9
NGX0012B2RF	532	44.1	83.3	1.19	27.2	5.0
BX1348GLB2	519	45.0	82.7	1.12	25.9	4.8
PHY 499 WRF	516	45.5	82.8	1.15	29.1	4.9
GA2008083	514	44.2	82.9	1.11	29.9	5.2
DP 1137 B2RF	508	46.9	80.9	1.13	27.9	5.2
MON 11R154B2R2	506	45.8	83.1	1.15	27.5	5.2
NG 1511 B2RF	502	45.8	82.3	1.13	30.6	4.7
CG 3787 B2RF	488	44.2	82.7	1.12	28.8	5.1
MON 11R159 B2RF	486	46.2	81.9	1.08	31.4	5.0
GA2004230	484	44.8	83.1	1.15	29.2	4.8
PX 5322-11 WRF	484	43.6	83.3	1.19	30.4	4.8
DP 1048 B2RF	482	45.1	83.1	1.14	31.1	5.2
Average	541	45.5	82.6	1.13	29.0	5.0
LSD 0.10	97	1.6	N.S. ¹	0.06	3.2	N.S.
CV %	15.2	3.0	1.2	2.99	6.5	7.3

* 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 2, 2012.

Harvested: October 17, 2012.

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

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.3.

Fertilization: 21 lb N, 60 lb P₂O₅, and 60 lb K₂O/acre. Sidedress: 80 lb N/acre.

Previous Crop: Peanuts.

Management: Disked, subsoiled, and bedded; Treflan, Reflex, Diuron, Staple, and MSMA used for weed control; Orthene, Bidrin, Mustang Max, Baythroid, and Discipline used for insect control; Temik applied 5 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.36	3.49	3.91	2.28	3.64	1.50

Trials conducted by A. Coy, R. Brooke, D. Dunn, R. Pines, W. Jones, D. Pearce, and L. Thompson.