

Tifton, Georgia:

Dryland Later Maturity Cotton Variety Performance, 2012

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire* units
			Index* %			
CG 3787 B2RF	1279	48.0	84.1	1.13	27.4	5.3
PHY 499 WRF	1235	46.4	84.6	1.10	30.1	5.4
BX1348GLB2	1178	44.2	84.4	1.20	30.4	5.4
PHY 565 WRF	1107	44.3	84.5	1.13	32.1	5.3
MON 11R159 B2RF	1078	45.5	82.7	1.15	31.6	5.4
DP 1050 B2RF	1043	46.8	83.3	1.14	28.1	5.2
PX 5322-11 WRF	1001	43.1	84.5	1.17	28.4	4.9
MON 11R136B2R2	988	42.7	84.7	1.21	32.7	5.1
NGX0012B2RF	958	47.0	84.8	1.12	27.3	5.4
GA2008083	951	46.1	83.7	1.09	31.2	5.3
DG2610 B2RF	943	46.3	84.3	1.15	28.0	5.1
DP 1252 B2RF	899	47.4	85.0	1.15	28.1	5.2
GA2004230	896	43.7	84.4	1.17	30.4	5.0
GA2007095	893	43.0	83.4	1.16	30.4	5.2
DP 1048 B2RF	889	45.8	83.8	1.15	27.5	5.1
SSG CT310 HQ	869	40.3	83.9	1.14	34.7	5.3
PHY 375 WRF	860	43.8	83.0	1.12	29.6	4.9
DP 1137 B2RF	835	46.8	84.1	1.14	27.5	5.3
DP 1034 B2RF	803	47.1	85.6	1.17	28.1	5.1
MON 11R154B2R2	790	44.5	84.1	1.17	32.4	5.2
PHY 440 W	728	44.0	83.2	1.09	32.2	5.2
NG 1511 B2RF	674	46.1	83.1	1.11	30.3	5.3
All-Tex Nitro 44 B2RF	610	44.3	85.0	1.20	32.6	4.8
Average	935	45.1	84.1	1.14	30.0	5.2
LSD 0.10	200	1.6	N.S. ¹	0.04	1.7	0.3
CV %	18.1	1.0	1.2	1.88	3.3	3.0

* 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 1, 2012.

Harvested: September 28, 2012.

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

Soil Type: Tifton loam.

Soil Test: P = Medium, K = Medium, and pH = 5.9.

Fertilization: 18 lb N, 54 lb P₂O₅, and 108 lb K₂O/acre. Sidedress: 80 lb N and 60 lb K₂O/acre.

Previous Crop: Peanuts.

Management: Disked, subsoiled and bedded; Prowl, Cotoran and Reflex used for weed control; Bidrin and Tracer used for insect control; Temik applied 5 lb/acre.

	April	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.13	3.20	4.61	3.20	9.95	2.21	2.48

Trials conducted by A. Coy, R. Brooke, D. Dunn, S. Willis and Larry Thompson.