

Midville, Georgia:

Later Maturity Cotton Variety Performance, 2012, Irrigated

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire* units
			Index* %			
PHY 499 WRF	2476	44.0	85.7	1.22	27.5	4.2
DP 1252 B2RF	2411	45.1	85.1	1.18	26.3	4.3
DP 1137 B2RF	2403	44.7	84.5	1.17	25.3	4.2
PX 5322-11 WRF	2303	41.9	85.2	1.26	27.3	3.7
NGX0012B2RF	2298	44.5	85.0	1.19	25.5	4.1
CG 3787 B2RF	2280	44.6	85.2	1.19	25.8	4.0
DP 1048 B2RF	2238	44.3	84.5	1.21	26.0	4.0
DP 1034 B2RF	2204	44.9	85.7	1.19	26.6	4.0
BX1348GLB2	2193	40.3	86.1	1.28	29.2	3.9
DG2610 B2RF	2165	44.7	85.5	1.22	26.9	4.1
GA2004230	2114	41.0	85.8	1.28	28.7	3.7
DP 1050 B2RF	2107	43.5	84.8	1.19	27.2	4.0
GA2007095	2065	40.0	84.6	1.23	28.5	3.9
GA2008083	2062	43.2	84.1	1.24	29.6	4.0
PHY 375 WRF	2016	42.3	84.0	1.18	27.9	3.5
MON 11R136B2R2	1988	40.8	86.6	1.27	30.0	3.8
All-Tex Nitro 44 B2RF	1986	40.4	85.3	1.28	30.8	3.4
MON 11R159 B2RF	1985	43.1	83.9	1.22	30.7	4.1
NG 1511 B2RF	1972	43.2	84.7	1.14	27.4	4.1
PHY 440 W	1911	40.7	84.5	1.17	27.8	3.9
PHY 565 WRF	1892	40.3	84.7	1.21	29.5	3.8
MON 11R154B2R2	1727	41.8	82.3	1.21	31.6	3.6
SSG CT310 HQ	1693	38.4	84.5	1.18	32.7	3.8
Average	2108	42.5	84.9	1.21	28.2	3.9
LSD 0.10	188	1.0	N.S. ¹	0.03	2.1	0.3
CV %	7.8	1.9	1.3	1.47	4.2	5.1

* 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 8, 2012.

Harvested: October 25, 2012.

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

Soil Type: Tifton loamy sand.

Soil Test: P = Medium, K = High, and pH = 6.9.

Fertilization: 30 lb N, 7 lb P₂O₅, and 30 lb K₂O/acre. Sidedress: 70 lb N/acre.

Previous Crop: Peanuts.

Management: Disked, subsoiled, and bedded; Prowl, Reflex, MSMA, Diuron, Envoke, and Volunteer used for weed control; Temik, Bidrin, Belt, Asana, and Deltamethrin used for insect control; Telone II used for nematode control.

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	0.60	0.80	4.00	0	0	0
Rainfall (in):	6.15	5.83	3.50	8.10	2.00	0

Trials conducted by A. Coy, R. Brooke, D. Dunn, K. Cobb, and R. Milton.