

Midville, Georgia:

Earlier Maturity Cotton Variety Performance, 2012, Irrigated

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire* units
			Index* %			
PHY 499 WRF	2535	44.0	85.2	1.19	29.5	4.1
DP 1137 B2RF	2384	44.0	84.1	1.17	26.7	4.1
PX 4339-06 WRF	2357	43.3	84.3	1.21	27.8	4.1
FM1944 GLB2	2296	39.5	85.2	1.25	31.1	3.5
DP 1028 B2RF	2249	44.9	85.3	1.19	27.2	4.1
DG2595 B2RF	2204	41.9	83.2	1.20	28.4	4.1
MON 11R124B2R2	2153	43.7	84.9	1.20	27.3	3.9
PX-4339-CB WRF	2145	41.2	84.9	1.21	26.3	3.8
GA2009100	2126	43.1	85.2	1.22	30.5	4.0
DP 1219 B2RF	2103	42.3	84.7	1.25	33.0	3.9
GA2004143	2099	43.0	85.7	1.24	31.6	4.3
DP 0912 B2RF	2086	40.8	84.9	1.17	29.2	4.6
BX1346GLB2	2073	41.9	83.9	1.16	28.9	3.9
BRS 269	2070	40.7	85.6	1.22	30.9	4.0
MON 11R112B2R2	2063	42.0	84.8	1.19	29.6	4.2
PHY 375 WRF	2061	42.2	84.1	1.17	28.6	3.8
NG 1511 B2RF	2060	44.0	84.1	1.16	26.7	4.1
All-Tex Nitro 44 B2RF	2058	41.7	85.2	1.26	30.2	3.5
DP 1034 B2RF	2056	43.8	85.5	1.19	27.2	4.1
SSG CT Linwood	2047	43.0	85.3	1.15	30.8	4.9
GA2008057	2047	41.5	84.8	1.23	30.1	4.0
SSG AU 222	2046	42.7	85.3	1.25	28.0	4.2
All-Tex 7A21	2045	43.0	86.1	1.25	29.5	4.1
Dyna-Gro 2570B2RF	2026	40.4	85.3	1.20	29.2	4.2
GA2006106	2017	38.7	85.3	1.23	30.9	4.1
BRS293	1985	39.9	83.8	1.19	30.5	4.4
BRS 335	1972	44.5	85.2	1.23	29.8	3.8
All-Tex LA122	1920	44.3	85.3	1.19	26.4	4.0
SSG HQ 210 CT	1829	40.4	84.7	1.19	31.1	4.2
AM 1550 B2RF	1809	40.0	83.8	1.16	27.4	3.9
PHY 367 WRF	1781	40.9	83.5	1.19	28.5	4.0
BRS286	1749	39.9	85.9	1.21	31.6	4.2
Average	2077	42.1	84.8	1.20	29.2	4.0
LSD 0.10	223	1.4	N.S. ¹	0.04	2.2	0.4
CV %	9.2	2.8	1.1	1.82	4.4	6.5

Midville, Georgia: Earlier Maturity Cotton Variety Performance, 2012, Irrigated (Continued)

* 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 P_2O_5 , and 30 lb K_2O /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.