

Midville, Georgia: Dryland Later Maturity Cotton Variety Performance, 2013

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire*
			Index* %			
NG 1511 B2RF	2091	44.9				
MON 13R352B2R2	2077	46.1				
PX 554010 WRF	2035	45.4				
DP 1050 B2RF	2020	45.1				
DP 1252 B2RF	1979	45.7				
MON 13R347B2R2	1913	44.8				
PHY575 WRF	1888	41.4				
ST 6448GLB2	1863	41.8				
DP 1137 B2RF	1856	45.3				
CG 3787 B2RF	1851	44.2				
PHY 499 WRF	1850	42.7				
MON 12R242B2R2	1843	43.3				
PX 553840 WRF	1835	42.4				
BX 1347GLB2	1832	41.6				
NG 5315 B2RF	1800	44.6				
FM1944 GLB2	1710	39.1				
GA 230	1708	40.6				
DG2610 B2RF	1699	42.3				
GA2007095	1674	40.6				
PHY 599 WRF	1643	43.5				
Average	1858	43.3				
LSD 0.10	152	1.1				
CV %	6.9	2.1				

* 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.

Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: May 15, 2013.

Harvested: November 11, 2013.

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

Soil Type: Dothan loamy sand.

Soil Test: P = Medium, K = Medium, and pH = 6.0.

Fertilization: 30 lb N, 80 lb P₂O₅, and 80 lb K₂O/acre. Sidedress: 65 lb N/acre.

Previous Crop: Peanuts.

Management: Disked, field conditioned, subsoiled/bedded; Reflex, Prowl, Staple, Acephate, MSMA, Diuron, and Intensity used for weed control; Stance and Mepiquat used for PGR; Temik, Prevathon, and Bidrin used for insect control; Telone II used for nematode control; Dropp and Folex ET used for defoliation.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.85	14.83	6.12	5.03	1.31	0.70

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