

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

Variety	Lint Yield lb/acre	Lint* %	Uniformity	Length* inches	Strength* g/tex	Micronaire*
			Index* %			
PX 444413 WRF	2167	42.4				
PX 444414 WRF	2104	43.3				
CG 3428 B2RF	2091	42.5				
ST 4946GLB2	2074	41.2				
PHY 499 WRF	2066	43.1				
PHY339 WRF	2037	39.7				
PX 300310 WRF	2024	42.1				
MON 12R224B2R2	2007	41.7				
PHY 333 WRF	1994	41.6				
GA2010098	1990	40.1				
DP 1321 B2RF	1942	40.7				
GA2009037	1937	40.4				
DG2285 B2RF	1907	40.7				
GA2004143	1904	42.4				
DG CT13125F	1902	42.5				
NG 1511 B2RF	1900	42.1				
PHY 427 WRF.rk	1857	40.0				
DP 1034 B2RF	1853	43.4				
SSG AU 222	1850	40.1				
GA2009100	1839	40.7				
DP 0912 B2RF	1831	39.5				
SSG HQ 210 CT	1827	38.3				
PHY 417 WRF.rk	1793	41.4				
GA2008016	1763	36.6				
SSG CT Linwood	1719	41.6				
AM 1550 B2RF	1692	40.3				
DG CT12353	1689	39.1				
Average	1917	41.0				
LSD 0.10	218	1.0				
CV %	9.7	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.