

## Midville, Georgia: Earlier Maturity Cotton Variety Performance, 2013, Irrigated

Variety	Lint Yield lb/acre	Lint* %	Uniformity			
			Index* %	Length* inches	Strength* g/tex	Micronaire*
PX 300310 WRF	<b>2142</b>	41.6				
PX 444413 WRF	<b>2097</b>	42.6				
PHY 333 WRF	<b>2006</b>	41.9				
PX 444414 WRF	<b>2005</b>	41.4				
PHY 499 WRF	<b>1988</b>	43.0				
GA2004143	1938	41.9				
DP 1321 B2RF	1937	42.9				
PHY339 WRF	1922	41.0				
MON 12R224B2R2	1902	39.8				
NG 1511 B2RF	1894	44.4				
DG CT13125F	1879	42.3				
GA2009037	1879	40.3				
SSG HQ 210 CT	1875	40.4				
DP 0912 B2RF	1866	41.6				
SSG CT Linwood	1859	41.7				
GA2009100	1856	42.6				
ST 4946GLB2	1807	40.7				
SSG AU 222	1802	41.7				
DG CT12353	1802	42.1				
GA2008016	1771	38.2				
PHY 427 WRF.rk	1747	39.2				
DP 1034 B2RF	1741	43.3				
GA2010098	1730	41.7				
CG 3428 B2RF	1727	43.1				
DG2285 B2RF	1727	40.2				
PHY 417 WRF.rk	1692	41.4				
AM 1550 B2RF	1620	39.3				
Average	1860	41.5				
LSD 0.10	156	0.9				
CV %	7.1	1.9				

\* 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 12, 2013.

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

Soil Type: Tifton sandy loam.

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

Fertilization: 30 lb N, 60 lb P<sub>2</sub>O<sub>5</sub>, and 90 lb K<sub>2</sub>O/acre. Sidedress: 65 lb N/acre.

Previous Crop: Peanuts.

Management: Disked, field conditioned, subsoiled/bedded; Reflex, Prowl, Staple, Acephate, MSMA, and Diuron 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; lime applied 1,000 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	1.20	0.50	0.50	2.75	3.50	0
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.