

Table 2. Uniform Stacked-Gene Cotton Variety Trials, 2013
Cameron County
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Variety	Lint (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lb)		Lint Value (\$/acre)	
DP 1252B2F	1800	a	44.73	a	4.50	abc	1.16	de	29.28	c	83.35	a	52.94	a	954.49	a
PHY 575WRF	1638	b	39.60	d	4.35	bcd	1.19	bc	29.55	c	83.65	a	53.74	a	880.10	b
AT Nitro44B2RF	1628	b	39.78	d	4.03	d	1.24	a	32.78	a	84.48	a	54.01	a	879.06	b
NG 1511B2RF	1622	b	42.65	c	4.73	a	1.14	ef	32.05	a	83.23	a	53.06	a	863.57	b
FM 1944GLB2	1594	bc	39.58	d	4.40	abc	1.21	b	31.68	ab	83.78	a	53.84	a	858.74	bc
DP 1044B2F	1548	bc	39.68	d	4.35	bcd	1.15	ef	30.18	bc	82.3	a	53.70	a	831.04	bc
PHY 499WRF	1468	cd	43.48	b	4.63	ab	1.13	f	32.55	a	83.58	a	53.70	a	788.60	cd
FM 2989GLB2	1413	d	38.08	e	4.23	cd	1.18	cd	31.80	ab	83.33	a	53.35	a	753.65	d
LSD (P=.05)	130.62		0.811		0.342		0.025		1.698		NS		NS		73.4013	
St. Dev.	88.809671		0.551		0.233		0.017		1.155		0.884		0.7082		49.9063	
CV	5.59		1.35		5.29		1.45		3.7		1.06		1.32		5.86	
Mean	1588.78		40.94		4.4		1.17		31.23		83.46		53.54		851.15	
P>F	0.0002		0.0001		0.0103		0.0001		0.0009		0.1201		0.3591		0.0006	

Planting date: 3/20/13

Harvest date: 8/29/13

Irrigated: yes

Row spacing: 40 inches

Plot sizes: 12 rows by 800 feet.

Each variety was replicated 4 times in a RCB design.