

Table 2. Uniform Stacked-Gene Cotton Variety Trials, 2012

Cameron County

Cooperator: James Bauer

Enrique Perez, County Extension Agent-Agriculture and Natural Resources- Cameron County

Dr. Dan D. Fromme, Assistant Professor and Extension Agronomist

Variety	Lint (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lb)		Lint Value (\$/acre)	
DP 1252 B2F	1404	a	47.9	a	5.30	a	1.11	cd	30.80	cd	83.23	c	50.62	d	710.83	a
DP 1044 B2F	1373	ab	44.0	d	5.10	bc	1.13	c	30.53	de	84.27	abc	51.43	bc	706.71	a
PHY 367 WRF	1339	abc	44.3	d	5.07	bc	1.13	c	31.23	cd	83.57	bc	51.50	bc	689.41	ab
FM 2989 GLB2	1331	abc	42.4	fg	5.10	bc	1.17	b	32.13	bc	83.23	c	51.58	bc	686.42	ab
FM 1944 GLB2	1311	a-d	43.1	ef	5.07	bc	1.18	ab	32.07	bc	84.07	bc	51.67	bc	677.56	ab
PHY499WRF	1305	a-d	46.6	b	5.20	ab	1.10	cd	33.00	ab	84.07	bc	51.22	c	668.92	ab
FM 8270 GLB2	1251	bcd	41.7	g	5.03	c	1.16	b	33.07	ab	85.77	a	51.87	b	649.06	abc
CG 3787 B2RF	1230	cd	46.8	b	5.10	bc	1.13	c	29.30	e	84.13	bc	51.20	c	630.25	bc
Nitro 44 B2RF	1188	d	43.7	de	4.60	d	1.20	a	34.03	a	84.93	ab	54.08	a	642.43	abc
AM 1511 B2RF	1175	d	45.5	c	5.30	a	1.09	d	32.90	ab	83.17	c	50.02	e	587.68	c
Mean	1291		44.6		5.09		1.14		31.91		84.04		51.52		664.93	
P>F	0.0324		0.0001		0.0001		0.0001		0.0001		0.05		0.0001		0.0357	
LSD (P=.05)	138		0.821		0.161		0.03		1.464		1.566		0.5734		68.98	
STD DEV	80.4		0.478		0.094		0.0175		0.853		0.913		0.3343		40.2119	
CV%	6.23		1.07		1.85		1.53		2.67		1.09		0.65		6.05	

Planting date: 3/27/12

Harvest date: 8/16/12

Irrigated: yes

Row spacing: 40 inches

Plot sizes: 12 rows by 1274 feet.

Each variety was replicated 3 times in a RCB design.