

Table 4. Uniform Stacked-Gene Cotton Variety Trials, 2012
Willacy County
Cooperator: McDonald Farms
Omar Gonzales, County Extension Agent-Agriculture and Natural Resources- Willacy 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 1044 B2RF	1564	a	43.4	de	4.70	cd	1.16	c	32.23	cd	84.60	a	54.00	ab	844.48	a
FM 2989 GLB2	1514	ab	41.9	f	4.83	bc	1.19	bc	31.63	cde	84.30	a	53.23	ab	805.94	ab
PHY 367 WRF	1476	ab	45.3	bc	4.63	cd	1.17	bc	32.07	cd	85.40	a	54.07	ab	797.83	abc
FM 1944 GLB2	1432	bc	43.5	de	4.93	ab	1.16	bc	30.83	def	84.17	a	53.05	bc	760.03	bcd
AM 1511 B2RF	1401	bc	46.8	ab	5.10	a	1.14	c	32.57	bc	85.53	a	51.83	c	726.00	de
FM 8270 GLB2	1352	cd	42.1	ef	4.66	cd	1.21	b	34.64	a	86.40	a	54.44	a	736.18	cde
DP 1252 B2RF	1341	cd	47.8	a	4.66	cd	1.16	bc	29.54	f	85.75	a	53.99	ab	724.21	de
CL 3787 B2RF	1272	de	46.5	ab	4.61	d	1.17	bc	30.28	ef	84.49	a	54.08	ab	687.80	ef
AT Nitro44B2RF	1272	de	43.5	de	4.26	e	1.27	a	34.18	ab	85.07	a	54.35	a	691.11	ef
PHY 499 WRF	1202	e	44.3	cd	4.93	ab	1.18	bc	32.17	cd	84.77	a	53.27	ab	639.54	f
Mean	1383		44.5		4.73		1.18		32.01		85.05		53.63		741.31	
P>F	0.0001		0.0001		0.0001		0.011		0.0003		0.0901		0.0143		0.0001	
LSD (P=.05)	117.8		1.479		0.202		0.0568		1.671		NS		1.29366		64.98	
STD DEV	68.65		0.862		0.115		0.0324		0.954		0.834		0.75412		37.8806	
CV%	4.97		1.94		2.44		2.74		2.98		0.98		1.41		5.11	

Planting date: 3/26/12

Harvest date: 8/14/12

Irrigated: yes

Row spacing: 36 inches

Plot sizes: 8 rows by 1221 feet.

Each variety was replicated 3 times in a RCB design.