

Table 1. Uniform Stacked-Gene Cotton Variety Trials, 2012
Texas AgriLife Research & Extension Center-Hiler Farm
Weslaco, Texas

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Variety	Lint (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lb)		Lint Value (\$/acre)	
AM1511B2RF	2848	a	44.9	a	4.73	a	1.16	d	32.10	bc	84.25	a	53.94	c	1535.75	a
PHY499WRF	2834	ab	44.4	a	4.65	a	1.15	d	33.10	ab	85.2	a	54.14	ab	1533.98	ab
ATNitro44B2RF	2800	abc	41.9	b	3.9	e	1.25	a	33.83	a	85.35	a	54.28	a	1519.57	abc
DP1252B2RF	2733	abc	45.3	a	4.53	ab	1.15	d	30.98	cd	84.53	a	53.98	bc	1475.04	abc
DP1044B2RF	2702	abc	41.2	bc	4.38	bc	1.15	d	30.33	d	84.68	a	53.93	c	1456.87	abc
CL3787B2RF	2627	bcd	44.2	a	4.63	a	1.19	bc	30.50	d	84.85	a	53.93	c	1416.60	bcd
PHY367WRF	2625	bcd	42.0	b	4.18	cd	1.18	cd	32.15	bc	84.98	a	54.20	a	1422.54	a-d
FM1944GLB2	2605	cd	40.9	bc	4.23	cd	1.21	b	32.68	ab	83.58	a	54.00	bc	1406.66	cd
FM2989 GLB2	2460	de	40.0	c	4.38	bc	1.19	bc	30.28	d	83.75	a	53.88	c	1325.49	de
FM8270GLB2	2347	e	40.1	c	4.05	de	1.21	b	33.28	ab	84.9	a	54.25	a	1273.25	e
Mean	2658		42.5		4.36		1.18		31.92		84.61		54.05		1436.57	
P>F	0.0011		0.0001		0.0001		0.0001		0.0001		0.0604		0.0004		0.0009	
LSD (P=.05)	220.47		1.249		.217		0.0303		1.456		NS		0.187		117.48	
STD DEV	151.95		0.861		0.15		0.0209		1.003		.804		0.1289		80.9636	
CV%	5.72		2.03		3.43		1.77		3.14		0.95		0.24		5.64	

Planting date: 3/8/12

Harvest date: 7/23/12

Irrigated: yes

Row spacing: 40 inches

Plot sizes: 2 rows by 40 feet.

Each variety was replicated 4 times in a RCB design.