

## Matagorda County Uniform Stacked Gene Cotton Variety Trial, 2005

### Cooperator: Hansen Farms

Dr. Robert Lemon, Professor and Extension Cotton Specialist  
D. Joel Pigg, Extension Associate  
Dan D. Fromme, Extension Agent-Integrated Pest Management  
Brent Batchelor, County Extension Agent-Agriculture and Natural Resources Matagorda County  
Shane Melcher, Student Technician

VARIETY	YIELD	TURNOUT	MIC	LENGTH	STRENGTH	UNIFORMITY	LOAN VALUE	LINT VALUE
	lbs/A	%		inches	g/tex	%	cents/lb	\$/A
Stoneville 4575 BR	720.45 a	37 a	5.17 bc	1.07 c	33.47 a	81.97 c	51.85 c	372.33 ab
Delta Pine 445 BR	692.05 ab	37 a	4.83 d	1.09 b	31.80 b	81.87 c	56.35 a	389.67 a
Phytogen 470 WR	685.35 abc	35 c	5.30 ab	1.04 d	33.40 a	82.60 bc	49.30 d	338.33 cd
Delta Pine 444 BR	651.10 bcd	36 ab	4.40 e	1.09 bc	30.20 c	82.30 bc	55.73 ab	363.00 abc
Delta Pine 455 BR	646.11 cd	37 a	4.93 d	1.07 bc	34.33 a	83.00 ab	54.28 abc	351.00 bc
Stoneville 5599 BR	641.19 d	37 a	5.43 a	1.04 d	29.47 c	81.80 c	48.28 d	309.33 d
FiberMax 960 B2R	640.73 d	34 c	5.10 c	1.09 b	31.80 b	82.37 bc	53.53 bc	343.00 bc
FiberMax 800 B2R	632.84 d	36 bc	4.93 d	1.13 a	33.70 a	83.43 a	56.67 a	358.00 bc
<b>Location Mean</b>	<b>664</b>	<b>36.1</b>	<b>5.01</b>	<b>1.08</b>	<b>32.27</b>	<b>82.42</b>	<b>53.25</b>	<b>353</b>
<b>P&gt;F</b>	0.0316	0.0034	0.0001	0.0002	0.0005	0.0329	0.0002	0.0126
<b>LSD (P=.10)</b>	44.091	2.5	0.155	0.023	1.543	0.807	2.535	29.871
<b>Standard Deviation</b>	30.664	1.8	0.108	0.016	1.073	0.562	1.763	20.775
<b>CV%</b>	4.62	3.31	2.15	1.46	3.32	0.68	3.31	5.88

All varieties treated with Gaucho Grande. Loan based on \$0.5170/lb +/- premiums/discounts according to the 2005 USDA loan chart.  
Planting date: April 5 Harvest date: August 15 Row Spacing: 40 inches



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