

Burleson County – Farm Services Uniform Stacked Gene Cotton Variety Trial, 2005

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VARIETY	YIELD	TURNOUT	MIC	LENGTH	STRENGTH	UNIFORMITY	LOAN VALUE	LINT VALUE
	lbs/A	%		inches	g/tex	%	cents/lb	\$/A
Delta Pine 555 BR	1028.32 a	37 a	4.50 bc	1.14 bc	29.86 de	81.61 b	58.04	596.25 a
Delta Pine 445 BR	909.26 b	37 a	4.60 ab	1.14 bcd	32.23 ab	82.83 a	55.90	509.00 b
Delta Pine 444 BR	886.64 bc	37 ab	4.27 de	1.10 def	30.33 bcd	83.17 a	57.52	510.00 b
FiberMax 960 B2R	862.05 bcd	34 c	4.40 cd	1.17 b	32.70 a	83.23 a	58.52	504.33 b
Stoneville 4575 BR	847.87 bcd	37 ab	4.70 a	1.09 f	32.07 abc	83.30 a	54.83	465.00 bc
Delta Pine 455 BR	826.10 cd	38 a	4.23 de	1.12 cde	30.30 bcd	82.33 ab	55.70	460.00 bc
Phytogen 470 WR	794.03 de	34 c	4.47 bc	1.13 cd	30.07 cde	82.43 ab	56.40	448.33 cd
FiberMax 800 B2R	789.98 de	34 c	4.13 e	1.23 a	33.37 a	83.07 a	58.32	461.00 bc
Stoneville 5599 BR	727.13 e	35 bc	4.63 ab	1.09 ef	28.10 e	81.30 b	55.07	401.33 d
Location Mean	852	35.9	4.44	1.13	31.01	82.59	56.7	484
P>F	0.0004	0.0141	0.0003	0.0001	0.0103	0.0746	0.2282	0.0011
LSD (P=0.10)	77.638	2.0	0.169	0.035	2.093	1.181	NS	53.757
Standard Deviation	54.242	1.4	0.118	0.025	1.462	0.825	1.998	37.558
CV%	6.36	3.89	2.65	2.18	4.72	1.0	3.52	7.76

All varieties treated with Gaucho Grande. Loan based on \$0.5170/lb +/- premiums/discounts according to the 2005 USDA loan chart.

Planting date: March 31 Harvest date: August 31 Row Spacing: 40 inches



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