

**Upper Gulf Coast Roundup Ready Flex Cotton Variety Trial, 2005**  
**Cooperator: Wharton County Fair Board of Directors**

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VARIETY	YIELD	TURNOUT	MIC	LENGTH	STRENGTH	UNIFORMITY	LOAN VALUE	LINT VALUE
	lbs/A	%		inches	g/tex	%	cents/lb	\$/A
ST 4664 RF (Stoneville)	857	40.8 a	4.7 a-d	1.123 hij	29.6 bc	83.8 bcd	53.38	457
CG 3520 B2RF (Croplan)	837	39.0 cde	4.6 b-f	1.122 hij	26.8 k	83.8 bcd	54.00	452
XBCG 3255 B2RF (Beltwide)	812	39.0 cde	4.5 efg	1.093 k	27.2 jk	83.8 bcd	53.27	433
XBCG 4630 B2RF (Beltwide)	784	39.8 abc	4.6 a-f	1.142 e-h	28.2 e-i	83.4 de	53.92	423
ST 4554 B2RF (Stoneville)	775	40.0 abc	4.8 ab	1.112 ijk	28.8 c-f	84.2 bcd	52.48	406
Delta Pine 113 B2RF	767	40.3 ab	4.7 a-e	1.107 jk	31.0 a	83.4 de	54.06	415
ST 6622 RF (Stoneville)	757	38.0 efg	4.7 abc	1.145 e-h	31.4 a	85.4 a	53.62	407
Delta Pine 117 B2RF	748	39.5 bc	4.8 a	1.145 e-h	31.3 a	84.1 bcd	53.57	401
ST 4357 B2RF (Stoneville)	733	39.8 abc	4.5 d-g	1.160 b-f	28.3 e-h	84.0 bcd	53.98	396
A 1532 B2RF (Americot)	732	39.8 abc	4.5 c-g	1.138 fgh	27.4 ijk	83.2 de	53.95	395
XBCG 1004 B2RF (Beltwide)	728	39.3 bcd	4.7 abc	1.137 fgh	27.8 g-j	83.3 de	53.81	392
CG 3020 B2RF (Croplan)	727	37.8 fgh	4.4 fg	1.105 jk	28.0 f-j	84.3 bcd	53.75	390
<b>Location Mean</b>	<b>726</b>	<b>38.7</b>	<b>4.58</b>	<b>1.14</b>	<b>28.7</b>	<b>83.9</b>	<b>53.81</b>	<b>391</b>
<b>P&gt;F</b>	0.5444	0.0001	0.0001	0.0001	0.0001	0.0145	0.3973	0.6279
<b>LSD (P=.10)</b>	NS	0.01	0.22	0.02	0.95	1.08	NS	NS
<b>Standard Deviation</b>	128.58	0.01	0.18	0.02	0.80	0.91	0.7640	69.37
<b>CV%</b>	17.71	2.2	4.01	1.76	2.8	1.09	1.42	17.75

All varieties Cruiser treated. Loan based on \$0.5170/lb +/- premiums/discounts according to the 2005 USDA loan chart. Planting date: May 2 Harvest date: September 20 Row Spacing: 40 inches



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	lbs/A	%		inches	g/tex	%	cents/lb	\$/A
ST 6611 B2RF (Stoneville)	726	37.0 gh	4.7 a-d	1.152 c-g	31.0 a	84.8 ab	54.47	395
CG 4020 B2RF (Croplan)	723	39.5 bc	4.5 c-g	1.170 a-d	27.7 h-k	84.6 abc	54.07	391
A 1504 B2RF (Americot)	722	38.3 def	4.6 c-g	1.100 jk	27.7 h-k	84.2 bcd	53.50	388
A 1664 B2RF (Americot)	713	39.5 bc	4.6 a-f	1.133 ghi	28.1 e-i	83.7 bcd	53.97	385
Delta Pine 156 B2RF	712	39.3 bcd	4.6 b-f	1.148 d-g	29.0 b-e	82.6 e	53.81	383
XBCG 8391 B2RF (Beltwide)	686	35.8 i	4.6 b-f	1.178 ab	29.3 bcd	84.6 abc	54.20	371
Delta Pine 143 B2RF	683	39.8 abc	4.4 fg	1.190 a	28.9 cde	82.6 e	53.92	368
Delta Pine 164 B2RF	678	39.0 cde	4.7 a-e	1.163 b-e	30.0 b	83.7 bcd	54.22	368
XBCG 4021 B2RF (Beltwide)	670	36.8 hi	4.4 g	1.105 jk	27.2 ijk	83.6 cde	53.62	359
A 1622 B2RF (Americot)	654	37.3 fgh	4.5 c-g	1.165 b-e	28.7 c-g	84.1 bcd	54.02	353
A 1521 B2RF (Americot)	612	36.8 hi	4.0 h	1.103 jk	27.0 jk	84.0 bcd	53.97	331
ST 5007 B2RF (Stoneville)	598	37.3 fgh	4.4 fg	1.172 abc	28.5 d-h	84.1 bcd	54.00	323
<b>Location Mean</b>	<b>726</b>	<b>38.7</b>	<b>4.58</b>	<b>1.14</b>	<b>28.7</b>	<b>83.9</b>	<b>53.81</b>	<b>391</b>
<b>P&gt;F</b>	0.5444	0.0001	0.0001	0.0001	0.0001	0.0145	0.3973	0.6279
<b>LSD (P=.10)</b>	NS	0.01	0.22	0.02	0.95	1.08	NS	NS
<b>Standard Deviation</b>	128.58	0.01	0.18	0.02	0.80	0.91	0.7640	69.37
<b>CV%</b>	17.71	2.2	4.01	1.76	2.8	1.09	1.42	17.75

All varieties Cruiser treated. Loan based on \$0.5170/lb +/- premiums/discounts according to the 2005 USDA loan chart. Planting date: May 2 Harvest date: September 20 Row Spacing: 40 inches



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