

Table 1. Data from Chris Bubenik's 2004 Irrigated Cotton Variety Test (Tom Green County)

Treatment	Yield Per Acre				Fiber Quality						CCC Loan Value	Lint Gross Return (\$/acre)	Seed Gross Return (\$/acre)	Total Gross Return (\$/acre)
	In Pounds		% Turnout		Color- Leaf	Fiber			Uniformity					
	Lint	Seed	Lint	Seed		Length (staple)	Mic	Strength (gram/tex)						
FiberMax 960 BG2/RR	1168 a	1986	31.0	52.7	511	36 abc	3.8 ab	25.7 abcde	81.1 abcde	49.38	576.95	124.12	701.07	
Deltapine 488 BG/RR	1088 ab	1849	30.6	52.1	412	35 abcde	3.4 cd	25.2 bcde	79.6 efgh	51.82	564.70	115.55	680.25	
FiberMax 960 RR	1075 ab	1828	30.6	52.1	412	37 a	3.3 cd	26.5 abc	81.6 abc	51.67	555.50	114.23	669.73	
Deltapine 555 BG/RR	1098 ab	1866	32.4	55.0	412	34 ef	3.3 cd	24.9 cde	79.1 gh	49.15	539.51	116.62	656.13	
FiberMax 989 BG/RR	1101 ab	1872	29.1	49.4	413	34 cdef	3.3 de	23.9 de	78.5 h	48.37	532.66	117.01	649.67	
Stoneville ST 5599 BG/RR	1088 ab	1849	30.6	52.0	513	35 abcdef	3.6 bc	24.9 cde	79.4 fgh	48.72	530.63	115.59	646.22	
Stoneville ST 5242 BG/RR	1083 ab	1841	31.9	54.2	513	34 ef	3.9 a	23.7 e	81.3 abcd	47.72	516.31	115.07	631.38	
Deltapine 444 BG/RR	1087 ab	1847	30.5	51.9	511	35 abcdef	3.2 defg	24.6 cde	80.5 cdefgh	45.55	493.99	115.44	609.43	
FiberMax 800 RR	936 cd	1591	31.5	53.6	412	36 abcd	3.8 ab	27.9 a	82.2 a	52.93	494.99	99.42	594.41	
Deltapine 494 RR	916 cde	1558	30.9	52.5	413	36 abcd	3.4 cd	26.6 abc	80.7 abcdefg	53.05	486.28	97.38	583.66	
Phytogen 410 RR	922 cd	1567	28.8	48.9	513	36 abcd	3.7 ab	25.7 abcde	81.9 ab	50.83	468.73	97.96	566.69	
Deltapine 424 BG2/RR	1015 bc	1726	27.1	46.0	512	34 ef	3.3 de	23.4 e	80.2 cdefgh	44.37	450.58	107.85	558.42	
FiberMax 800 BG2/RR	971 bcd	1650	30.1	51.2	511	36 ab	3.2 def	26.3 abcd	80.5 bcdefg	46.32	449.66	103.13	552.80	
DynaGrow 04051 RR	907 cde	1541	28.8	48.9	414	34 def	3.3 cde	24.6 cde	79.8 defgh	46.88	426.45	96.33	522.79	
Stoneville ST 5303 RR	848 defg	1442	28.7	48.7	413	34 def	3.3 de	25.9 abcde	81.0 abcdef	49.82	422.31	90.15	512.46	
FiberMax 989 RR	867 def	1473	29.1	49.4	413	35 bcdef	3.0 fg	26.0 abcde	79.1 gh	47.98	415.83	92.08	507.91	
Stoneville ST 4646 BG2/RR	860 def	1463	28.1	47.8	513	35 bcdef	3.3 cd	24.7 cde	79.7 defgh	46.47	399.77	91.42	491.19	
Deltapine 449 BG/RR	847 defg	1441	27.8	47.3	414	34 def	3.0 efg	24.9 cde	79.8 defgh	45.17	382.01	90.04	472.05	
Stoneville NG 2448 RR	767 fg	1303	27.5	46.7	513	35 bcdef	3.4 cd	27.6 ab	81.6 abc	47.97	367.82	81.45	449.27	
DynaGrow 04041 RR	786 efg	1337	25.7	43.7	513	34 cdef	2.9 g	23.8 e	78.5 h	43.83	344.97	83.54	428.51	
DynaGrow 04091 RR	722 gh	1227	27.9	47.5	413	33 f	3.0 efg	24.1 cde	79.5 efgh	45.05	325.55	76.71	402.26	
Phytogen 510 RR	635 h	1079	27.2	46.2	413	35 bcdef	3.0 fg	26.7 abc	79.2 gh	47.30	299.94	67.44	367.39	

Note: A cottonseed price of \$125 per ton was used for income calculation.

In Table 1 the individual or combination of letter a, b, c, d, e, f, g or h shown below the number are to indicate statistical significance. There is no statistical difference between numbers that have the same letter (even when there appears to be a large difference in results between varieties).

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