

Table 1. Agronomic Data from Richard Newman’s Dryland Cotton Variety Test (Jones County, 2005)

Variety	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		Strength (gram/tex)	Uniformity				
	Lint	Seed	Lint	Seed		Length (staple)	Mic						
Deltapine 432 R	1584	2816	29.6	52.7	313	35	3.8	29.5	80.1	56.25	891.00	140.81	1031.81
AFD 3511 R	1355	2463	34.5	62.8	312	35	4.3	28.3	79.5	56.10	760.16	123.14	883.29
FiberMax 800 R	1345	1993	36.4	54.0	212	36	3.7	28.8	81.0	57.95	779.43	99.67	879.10
Stoneville ST 5599 BR	1348	2107	33.8	52.9	312	34	3.7	25.8	78.2	54.30	731.96	105.35	837.32
Deltapine 494 R	1076	1586	31.0	45.7	312	36	3.8	29.1	80.6	57.15	614.93	79.28	694.21
Phytogen 310 R	1131	1458	31.8	41.0	312	34	3.9	26.9	80.4	54.30	614.13	72.91	687.05
FiberMax 960 R	1057	1550	29.6	43.4	312	35	3.5	29.1	81.0	56.10	592.98	77.51	670.49
AFD 3602 R	956	1626	29.3	49.9	211	35	3.9	28.4	79.7	56.95	544.44	81.31	625.75
Stoneville ST 4686 R	962	1434	27.5	41.0	312	35	3.8	27.6	79.9	56.35	542.09	71.70	613.79
Deltapine 434 R	858	1256	30.5	44.7	312	35	3.6	29.1	80.6	56.10	481.34	62.79	544.13
Stoneville NG 3969 R	658	1036	29.4	46.2	212	36	3.3	29.5	81.7	55.80	367.16	51.78	418.94
BGC 24 R	673	1137	32.0	54.0	313	33	3.7	26.4	79.0	51.90	349.29	56.84	406.13

Seed income calculated using a price of \$100 per ton.

Acknowledgements:

A word of thanks to Richard Newman for his management of this dryland cotton variety test.

Also, a word of thanks to the seed companies that provided cottonseed for the test; they include:

Delta and Pineland Company who provided Deltapine 432 R, Deltapine 494 R and Deltapine 434 R

Associated Farmers Delinting, Inc. Provided AFD 3511 R and AFD 3602 R now owned by Bayer CropScience

Bayer CropScience provided the FiberMax 800 R and FiberMax 960 R

Monsanto/Stoneville Pedigreed Seed who provided the Stoneville ST 5999 BR, Stoneville ST 4686 R, Stoneville NG 3969 R

DowElanco/Phytogen Seed Company who provided the Phytogen 310 R

Beltwide Cotton Genetics who provided the BCG 24

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	In Pounds		% Turnout		Color- Leaf	Fiber			Uniformity					
	Lint	Seed	Lint	Seed		Length (staple)	Mic	Strength (gram/tex)						
Stoneville ST 5599 BR	704	892	35.9	45.5	112	34	4.3	27.2	79.9	54.70	385.09	44.60	429.69	
Deltapine 488 BR	658	867	35.9	47.3	211	33	4.3	28.3	78.9	51.65	339.86	43.35	383.21	
Deltapine 444 BR	645	850	35.5	46.8	211	33	4.1	26.6	79.7	52.30	337.34	42.50	379.84	
Deltapine 455 BR	650	833	35.9	46.1	112	33	3.8	26.8	78.7	51.90	337.35	41.65	379.00	
FiberMax 960 B2R	640	858	32.8	44.0	112	33	4.1	26.7	78.8	51.90	332.16	42.90	375.06	
FiberMax 960 BR	648	842	35.5	46.1	112	32	4.2	28.3	78.6	49.95	323.68	42.10	365.78	
Deltapine 445 BR	618	767	36.2	44.9	112	33	4.2	26.8	80.5	52.30	323.21	38.35	361.56	
Stoneville ST 5242 BR	614	775	36.8	46.5	111	33	4.4	24.8	80.2	50.95	312.83	38.75	351.58	
Stoneville ST 4575 BR	600	775	34.8	44.9	112	32	4.2	27.8	79.8	50.35	302.10	38.75	340.85	
Deltapine 449 BR	564	767	33.3	45.3	111	32	3.9	26.6	79.5	50.35	283.97	38.35	322.32	

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Also, a word of thanks to the seed companies that provided cottonseed for the test; they include:

Monsanto/Stoneville Pedigreed Seed who provided the Stoneville ST 5999 BR, Stoneville ST 5242 BR, and Stoneville ST 4575 BR

Delta and Pineland Company who provided Deltapine 488 BR, Deltapine 444 BR, Deltapine 455 BR, Deltapine 445 BR, and Deltapine 449 BR

Bayer CropScience provided the FiberMax 960 B2R and FiberMax 960 BR