

**2021 Estimated Costs and Returns per Acre  
Cotton, Conventional Tillage, Furrow Irrigated, Rio Grande Valley  
South Extension District - 12**

Crop Acres		100				
		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>REVENUE</b>						
Cotton Lint		975.00	Pound	\$0.70	\$682.50	\$68,250.00
Cottonseed		0.69	Ton	\$200.00	\$138.84	\$13,884.00
<b>Total Revenue</b>					<b>\$821.34</b>	<b>\$82,134.00</b>
<b>VARIABLE COSTS</b>						
<b>Production Costs</b>		Quantity	Units	\$/Unit	Total	Enterprise Total
Seed						
Cotton Seed		50	Thousand	\$1.52	\$76.09	\$7,608.70
Fertilizer						
UAN (32% N)		3.06	CWT	\$12.65	\$38.71	\$3,870.90
Custom						
Insect Scouting		1	Acre	\$10.00	\$10.00	\$1,000.00
Custom Harvest Cotton		975	Pound	\$0.13	\$126.75	\$12,675.00
Gin		975	Pound	\$0.12	\$117.00	\$11,700.00
Herbicide						
Trifluralin 4EC		2	Pint	\$6.45	\$12.90	\$1,289.50
2, 4-D Amine		1	Pint	\$2.74	\$2.74	\$274.38
Insecticide						
Transform		1	Ounce	\$8.98	\$8.98	\$898.40
Sivanto		10.5	Ounce	\$3.28	\$34.45	\$3,444.90
Centric		2.5	Ounce	\$5.52	\$13.80	\$1,380.00
Other Chemicals						
Mepiquat		24	Ounce	\$0.15	\$3.60	\$360.00
Thidiazuron		4	Ounce	\$1.21	\$4.84	\$484.00
Surfactant		0.25	Pint	\$5.35	\$1.34	\$133.75
Ethephon		21	Ounce	\$0.23	\$4.83	\$482.51
Other Labor						
Unallocated Labor		1.2856	Hour	\$12.00	\$15.43	\$1,542.72
Miscellaneous						
Insurance, Cotton - Irrigated		1	Acre	\$32.00	\$32.00	\$3,200.00
BW Erradication Program - Irr		1	Acre	\$28.00	\$28.00	\$2,800.00
Irrigation						
Water Cost		1.20	Acre/Foot	\$20.00	\$24.00	\$2,400.00
Irrigation Labor		3.30	Hour	\$12.00	\$39.60	\$3,960.00
Machinery Labor						
Tractors/Self-Propelled		1.88	Hour	\$12.00	\$22.56	\$2,256.00
Other Labor		0.36	Hour	\$12.00	\$4.32	\$432.00
Diesel Fuel						
Tractors/Self-Propelled		13.25	Gallon	\$2.00	\$26.50	\$2,650.00
Repairs & Maintenance						
Tractors/Self-Propelled		1	Acre	\$27.80	\$27.80	\$2,780.08
Implements		1	Acre	\$20.23	\$20.23	\$2,022.54
Interest on Credit Line				5.00%	\$7.69	\$768.62
<b>Total Variable Costs</b>					<b>\$704.14</b>	<b>\$70,413.98</b>
Planned Returns Above Variable Costs:					\$117.20	\$11,720.02
Breakeven Price to Cover Variable Costs					\$0.58	Pound
<b>FIXED COSTS</b>						
<b>Machinery Depreciation</b>		Quantity	Units	\$/Unit	Total	Enterprise Total
Tractors/Self-Propelled		1	Acre	\$36.02	\$36.02	\$3,601.92
Implements		1	Acre	\$24.74	\$24.74	\$2,473.84
Equipment Investment						
Tractors/Self-Propelled		\$277.21	Dollars	7.00%	\$19.40	\$1,940.49
Implements		\$137.31	Dollars	7.00%	\$9.61	\$961.18
Cash Rent, Irrigated		1	Acre	\$85.00	\$85.00	\$8,500.00
<b>Total Fixed Costs</b>					<b>\$174.77</b>	<b>\$17,477.43</b>
<b>Total Specified Costs</b>					<b>\$878.91</b>	<b>\$87,891.42</b>
Returns Above Specified Costs					(\$57.57)	(\$5,757.42)
<b>Breakeven Price to Cover Total Costs</b>					<b>\$0.76</b>	<b>Pound</b>

Developed by Samuel Zapata, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension, 956-968-5581.

**Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.**