2025 Estimated Costs and Returns per Acre Cotton, Conventional Tillage, Furrow Irrigated, Rio Grande Valley South Extension District - 12

Crop Acres 100

Cotton 1,250.00 Pound \$30.66 \$89.00 \$89.100.00 Cottonseed 0.69 Ton \$220.00 \$15.272.30 Enterprise	REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Cottonseed						
Total Revenue Sunity Units SUnit Total Enterprise Total Enterprise Total Total Enterprise Total Total Enterprise		•				
VARIABLE COSTS				-	-	
Production Costs Seed					+ ·/• · · · ·	
Seed		Quantity	Units	\$/Unit	Total	•
Cotton Seed	Production Costs	•				
Pertilizer	Seed					
Custom Insect Scouting		50	Thousand	\$1.96	\$97.83	\$9,782.61
Custom			0.4.	***		
Insect Scouting		3.06	CWI	\$19.00	\$58.14	\$5,814.00
Custon Harvest Cotton 1350 Pound \$0.17 \$222.75 \$22,275.00 Herbicide		1	۸۵۳۵	¢1E 00	¢1E 00	¢1 E00 00
Herbicide	<u> </u>	=				
Herbicide						
Trifluralin 4EC 2 Pint \$4.75 \$9.50 \$949.50 2, 4-D Amine 1 Pint \$2.99 \$2.99 \$2.99 \$2.99 \$2.99 \$3.99 \$3.90 \$1.00 \$2.99 \$3.00 \$2.99 \$3.00 \$2.00 \$3		1330	i ound	φ0.15	\$202.50	\$20,250.00
Repaired Pint Scale Sc		2	Pint	\$4.75	\$9.50	\$949 50
Insecticide						
Transform 1 Ounce \$9.34 \$93,44 \$93,44 \$93,44 \$93,44 \$93,44 \$93,44 \$93,44 \$93,44 \$93,44 \$90,00 \$3.20 \$3.20 \$3.444,90 \$3.60 \$3.1,87.50 \$3.1,87.50 \$3.1,87.50 \$3.1,87.50 \$3.1,87.50 \$3.225 \$3.255,00 \$3.20 \$3.20 \$3.20 \$3.20 \$3.20 \$3.20 \$3.20 \$3.20 \$3.20 \$3.20 \$3.300,00 \$3.20 \$3.300,00 \$3.300,00 \$3.300,00 \$3.300,00 \$3.20 \$3.300,00 \$3.20 \$3.200,00 \$3.200,00 \$3.200,00 \$3.200,00 \$3.200,00 \$3.200,00 \$3.200,00 \$3.200,00 \$3.200,00 \$3.200,00 \$3.200,00 \$3.200,00 \$3.200,00 \$3.200,00 <	·	•		Ψ2.00	Ψ2.00	Ψ200.00
Sivanto		1	Ounce	\$9.34	\$9.34	\$934.34
Centric Chemicals Chemicals Mepiquat All Ounce S0.05 S2.25 S225.00		10.5				
Other Chemicals Mepiquat 48 Ounce \$1.22 \$4.88 \$488.44 Surfactant 0.25 Pint \$7.48 \$1.87 \$186.88 Ethephon 21 Ounce \$0.39 \$8.27 \$826.81 Other Labor Unallocated Labor 1.2856 Hour \$15.00 \$19.28 \$1,928.40 Miscellaneous Insurance, Cotton - Irrigated 1 Acre \$33.00 \$33.00 \$3,300.00 \$2,800.00 Irrigation 1 Acre \$28.00 \$28.00 \$2,800.00 Irrigation Labor 3.30 Hour \$17.50 \$57.75 \$5,775.00 Machinery Labor 3.30 Hour \$17.21 \$32.25 \$3,200.00 Irrigation Labor 3.30 Hour \$17.21 \$32.25 \$5,775.00 Machinery Labor 1.88 Hour \$17.21 \$32.235 \$3,235.48 Other Labor 0.36 Hour \$17.21 \$36.20 \$51,750.00 Repairs & Mainte						
Thidiazuron						. ,
Surfactant Color	Mepiquat	48	Ounce	\$0.05	\$2.25	\$225.00
Ethephon	Thidiazuron	4	Ounce	\$1.22	\$4.88	\$488.44
Other Labor Unallocated Labor Unallocated Labor Miscellaneous 1.2856 Hour \$15.00 \$19.28 \$1,928.40 Miscellaneous Insurance, Cotton - Irrigated BW Eradication Program - Irr 1 Acre \$33.00 \$33.00 \$33,00.00 BW Eradication Program - Irr 1 Acre \$28.00 \$28.00 \$28.00 \$2,800.00 Irrigation 1.20 Acre/Foot \$32.67 \$39.20 \$3,920.00 Irrigation Labor 3.30 Hour \$17.50 \$57.75 \$5,775.00 Machinery Labor 1.88 Hour \$17.21 \$32.35 \$3,235.48 Other Labor 0.36 Hour \$17.21 \$32.35 \$3,235.48 Diesel Fuel	Surfactant	0.25	Pint	\$7.48	\$1.87	\$186.88
Unallocated Labor 1.2856 Hour \$15.00 \$19.28 \$1,928.40 Miscellaneous	Ethephon	21	Ounce	\$0.39	\$8.27	\$826.81
Miscellaneous Insurance, Cotton - Irrigated 1 Acre \$33.00 \$33.00 \$3,300.00 BW Eradication Program - Irr 1 Acre \$28.00 \$28.00 \$2,800.00 Irrigation	Other Labor					
Insurance, Cotton - Irrigated BW Eradication Program - Irr	Unallocated Labor	1.2856	Hour	\$15.00	\$19.28	\$1,928.40
BW Eradication Program - Irr 1 Acre \$28.00 \$28.00 \$2,800.00 Irrigation	Miscellaneous					
Irrigation Water Cost 1.20 Acre/Foot \$32.67 \$39.20 \$3,920.00 Irrigation Labor 3.30 Hour \$17.50 \$57.75 \$5,775.00 Machinery Labor Tractors/Self-Propelled 1.88 Hour \$17.21 \$32.35 \$3,235.48 Other Labor 0.36 Hour \$17.21 \$6.20 \$619.56 Diesel Fuel Tractors/Self-Propelled 13.25 Gallon \$3.60 \$47.70 \$4,770.00 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 8.50% \$17.13 \$1,712.79 Total Variable Costs \$3,044.21 Breakeven Price to Cover Variable Costs \$0.64 Pound FIXED COSTS Quantity Units \$1,013.28 \$101,328.19 Machinery Depreciation Tractors/Self-Propelled 1 Acre \$36.02 \$36.02 \$3,601.92 Implements 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 8.50% \$23.56 \$2,356.31 Implements \$137.31 Dollars 8.50% \$311.67 \$1,167.14 Cash Rent, Irrigated 1 Acre \$95.00 \$95.00 \$9,500.00 Total Fixed Costs \$1,204.27 \$120,427.41 Returns Above Specified Costs \$1,204.27 \$120,427.41	Insurance, Cotton - Irrigated	1	Acre	\$33.00	\$33.00	\$3,300.00
Water Cost	· · · · · · · · · · · · · · · · · · ·	1	Acre	\$28.00	\$28.00	\$2,800.00
Irrigation Labor 3.30 Hour \$17.50 \$57.75 \$5,775.00 Machinery Labor Tractors/Self-Propelled 1.88 Hour \$17.21 \$32.35 \$3,235.48 Other Labor 0.36 Hour \$17.21 \$6.20 \$619.56 Diesel Fuel	Irrigation					
Machinery Labor Tractors/Self-Propelled 1.88 Hour \$17.21 \$32.35 \$3,235.48 Other Labor 0.36 Hour \$17.21 \$6.20 \$619.56 Diesel Fuel Tractors/Self-Propelled 13.25 Gallon \$3.60 \$47.70 \$4,770.00 Repairs & Maintenance Tractors/Self-Propelled 1 Acre \$27.80 \$27.80 \$2,780.08 Implements 1 Acre \$20.23 \$20.23 \$20.23 \$2,022.54 Interest on Credit Line 8.50% \$17.13 \$1,712.79 \$1,712.79 \$1,013.28 \$101,328.19 Planned Returns Above Variable Costs: 8.50% \$1,013.28 \$101,328.19 Planned Returns Above Variable Costs: \$0.64 Pound Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Tractors/Self-Propelled 1 Acre \$36.02 \$36.02 \$3,601.92 Implements 1 Acre \$24.74 \$24.74 <td></td> <td></td> <td>Acre/Foot</td> <td></td> <td></td> <td>\$3,920.00</td>			Acre/Foot			\$3,920.00
Tractors/Self-Propelled Other Labor 1.88 Hour Other Labor \$17.21 \$32.35 \$3,235.48 \$3,235.48 \$0.00 \$619.56 Diesel Fuel Tractors/Self-Propelled Tractors/Self-Propelled Repairs & Maintenance Tractors/Self-Propelled Inglements Inglement I	9	3.30	Hour	\$17.50	\$57.75	\$5,775.00
Other Labor Diesel Fuel 0.36 Diesel Fuel Hour Tractors/Self-Propelled \$17.21 \$6.20 \$619.56 Repairs & Maintenance Tractors/Self-Propelled Implements 1 Acre \$27.80 \$27.80 \$2,780.08 Implements Implements 1 Acre \$20.23 \$20.23 \$2,022.54 Interest on Credit Line 8.50% \$17.13 \$1,712.79 Total Variable Costs \$30.44 \$3,044.21 Breakeven Price to Cover Variable Costs: \$0.64 Pound Breakeven Price to Cover Variable Costs \$0.64 Pound Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation 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 8.50% \$35.00 \$2,356.31 Implements \$137.31 Dollars 8.50% \$11.67 \$1,167.14 Cash Ren	· ·					
Diesel Fuel	•					
Tractors/Self-Propelled 13.25 Gallon \$3.60 \$47.70 \$4,770.00 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 8.50% \$17.13 \$1,712.79		0.36	Hour	\$17.21	\$6.20	\$619.56
Repairs & Maintenance Tractors/Self-Propelled 1 Acre \$27.80 \$27.80 \$2,780.08 Implements 1 Acre \$20.23 \$20.23 \$20.23 \$2,022.54 Interest on Credit Line 8.50% \$17.13 \$1,712.79				** **	4	*
Tractors/Self-Propelled	•	13.25	Gallon	\$3.60	\$47.70	\$4,770.00
Implements	·		A	407.00	#07.00	#0.700.00
Interest on Credit Line	·	=				
Total Variable Costs	•	1	Acre			
Sacration Sacr				6.50%		
Breakeven Price to Cover Variable Costs \$0.64 Pound Enterprise				=		
Enterprise				#0.04 F		\$3,044.21
FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Tractors/Self-Propelled Implements 1 Acre \$36.02 \$36.02 \$3,601.92 Implements 1 Acre \$24.74 \$24.74 \$2,473.84 Equipment Investment Tractors/Self-Propelled Implements \$277.21 Dollars 8.50% \$23.56 \$2,356.31 Implements Cash Rent, Irrigated 1 Acre \$95.00 \$95.00 \$9,500.00 Total Fixed Costs \$190.99 \$19,099.22 \$1,204.27 \$120,427.41 Returns Above Specified Costs (\$160.55) (\$16,055.01)	breakeven Price to Cover variable Costs			\$0.64 F	ound	F., (
Machinery Depreciation 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 8.50% \$23.56 \$2,356.31 Implements \$137.31 Dollars 8.50% \$11.67 \$1,167.14 Cash Rent, Irrigated 1 Acre \$95.00 \$95.00 \$9,500.00 Total Fixed Costs \$190.99 \$19,099.22 \$1,204.27 \$120,427.41 Returns Above Specified Costs (\$160.55) (\$16,055.01)	EIVED COSTS	Ougatita	l Inita	¢/11~:+	Total	
Tractors/Self-Propelled Implements 1 Acre \$36.02 \$36.02 \$3,601.92 Implements 1 Acre \$24.74 \$24.74 \$24.73.84 Equipment Investment Tractors/Self-Propelled Implements \$277.21 Dollars 8.50% \$23.56 \$2,356.31 Implements \$137.31 Dollars 8.50% \$11.67 \$1,167.14 Cash Rent, Irrigated 1 Acre \$95.00 \$95.00 \$9,500.00 Total Fixed Costs \$190.99 \$19,099.22 Total Specified Costs \$1,204.27 \$120,427.41 Returns Above Specified Costs (\$160.55) (\$16,055.01)		Quantity	Units	⊅/UNIT	างเสเ	าบเสเ
Implements	, .	1	Aoro	¢26.02	¢26.02	¢2 601 02
Equipment Investment Tractors/Self-Propelled \$277.21 Dollars 8.50% \$23.56 \$2,356.31 Implements \$137.31 Dollars 8.50% \$11.67 \$1,167.14 Cash Rent, Irrigated 1 Acre \$95.00 \$95.00 \$9,500.00 Total Fixed Costs \$190.99 \$19,099.22 Total Specified Costs \$1,204.27 \$120,427.41 Returns Above Specified Costs (\$160.55) (\$16,055.01)	•					
Tractors/Self-Propelled Implements \$277.21 Dollars 8.50% \$23.56 \$2,356.31 Cash Rent, Irrigated 1 Acre \$95.00 \$95.00 \$95.00.00 Total Fixed Costs \$190.99 \$19,099.22 \$1,204.27 \$120,427.41 Returns Above Specified Costs (\$160.55) (\$16,055.01)	•	'	Acre	ΨZ4.74	φ24.74	\$2,473.04
Implements		¢277 21	Dollare	8 EU0/	\$22.56	¢2 256 21
Cash Rent, Irrigated 1 Acre \$95.00 \$95.00 \$9,500.00 Total Fixed Costs \$190.99 \$19,099.22 Total Specified Costs \$1,204.27 \$120,427.41 Returns Above Specified Costs (\$160.55) (\$16,055.01)						
Total Fixed Costs \$190.99 \$19,099.22 Total Specified Costs \$1,204.27 \$120,427.41 Returns Above Specified Costs (\$160.55) (\$16,055.01)	•					
Total Specified Costs \$1,204.27 \$120,427.41 Returns Above Specified Costs (\$160.55) (\$16,055.01)			Acre	Ψ55.00		
Returns Above Specified Costs (\$160.55) (\$16,055.01)				=		
	rotal Specified Costs			=	Φ1,2U4.27	\$12U,427.41
Breakeven Price to Cover Total Costs \$0.78 Pound	Returns Above Specified Costs				(\$160.55)	(\$16,055.01)
	Breakeven Price to Cover Total Costs			\$0.78 F	ound	

Developed by Manuel Garcia, Assistant Professor and Extension Specialist, 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.