

**2023 Estimated Costs and Returns per Acre  
Irrigated Cotton - Pivot  
South Plains Extension District - 2**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Cotton Lint	1,000.00	Pound	\$0.85	\$850.00	\$103,700.00	
Cottonseed	0.71	Ton	\$250.00	\$177.50	\$21,655.00	
<b>Total Revenue</b>				<b>\$1,027.50</b>	<b>\$125,355.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
<b>Production Costs</b>						
Custom						
Fertilizer Application - Liquid High	1	Acre	\$4.75	\$4.75	\$579.50	
Scouting	1	Acre	\$9.00	\$9.00	\$1,098.00	
Strip and Module - Cotton	1000	Pound	\$0.08	\$80.00	\$9,760.00	
Ginning - Cotton	31.25	CWT	\$2.90	\$90.63	\$11,056.25	
Fertilizer						
Fertilizer (P) - Liquid	25	Pound	\$1.16	\$29.00	\$3,538.00	
Fertilizer (N) - Liquid	90	Pound	\$1.06	\$95.40	\$11,638.80	
Herbicide						
Herbicide - Cotton Preplant	1	Acre	\$6.00	\$6.00	\$732.00	
Herbicide - Cotton At Plant	1	Acre	\$6.50	\$6.50	\$793.00	
Herbicide - Cotton Postplant	1	Acre	\$57.00	\$57.00	\$6,954.00	
Spot Spray and Chemical	0.2	Acre	\$15.00	\$3.00	\$366.00	
Insecticide						
Insecticide and Apply Cotton	1	Acre	\$12.00	\$12.00	\$1,464.00	
Boll Weevil Assessment Irrigated	2.5	Bale	\$0.00	\$0.00	\$0.00	
Miscellaneous						
Crop Insurance Cotton - Irrigated	1	Acre	\$55.00	\$55.00	\$6,710.00	
Seed						
Seed - Cotton Irrigated	40	Thousand	\$1.59	\$63.60	\$7,759.20	
Other Labor						
Hoeing	0.2	Acre	\$15.00	\$3.00	\$366.00	
Other Chemicals						
Harvest Aid Apply Cotton Irrigated	1	Acre	\$25.00	\$25.00	\$3,050.00	
Irrigation						
Energy Cost	10.00	AcreInch	\$10.00	\$100.00	\$12,200.00	
Irrigation Labor	1.00	Hour	\$12.00	\$12.00	\$1,464.00	
Machinery Labor						
Tractors/Self-Propelled	0.74	Hour	\$12.00	\$8.88	\$1,083.36	
Other Labor	0.86	Hour	\$12.00	\$10.32	\$1,259.04	
Diesel Fuel						
Tractors/Self-Propelled	4	Gallon	\$2.75	\$11.00	\$1,342.00	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$5.12	\$5.12	\$625.00	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$61.00	
Irrigation Equipment	1	Acre	\$19.00	\$19.00	\$2,318.00	
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$732.00	
Implements	1	Acre	\$3.00	\$3.00	\$366.00	
Interest on Credit Line			8.00%	\$24.60	\$3,001.37	
<b>Total Variable Costs</b>				<b>\$740.30</b>	<b>\$90,316.52</b>	
Planned Returns Above Variable Costs:				\$287.20	\$35,038.48	
Breakeven Price to Cover Variable Costs			\$0.56	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Equipment Fixed Costs						
Pickup/General Use Equipment	1	Acre	\$1.25	\$1.25	\$152.50	
Irrigation Equipment	1	Acre	\$55.00	\$55.00	\$6,710.00	
Tractors/Self-Propelled	1	Acre	\$12.00	\$12.00	\$1,464.00	
Implements	1	Acre	\$10.00	\$10.00	\$1,220.00	
Management Fee, Owner/Operator Labor	1	Acre	\$25.00	\$25.00	\$3,050.00	
Cash Rent - Cotton Irrigated	1	Acre	\$100.00	\$100.00	\$12,200.00	
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$244.00	
<b>Total Fixed Costs</b>				<b>\$205.25</b>	<b>\$25,040.50</b>	
<b>Total Specified Costs</b>				<b>\$945.55</b>	<b>\$115,357.02</b>	
Returns Above Specified Costs				\$81.95	\$9,997.98	
Breakeven Price to Cover Total Costs			\$0.77	Pound		

Developed by Agricultural Economists, Texas A&M AgriLife Extension. 806-746-6101

*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.*