

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

Crop Acres	122					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Cotton Lint	1,500.00	Pound	\$0.85	\$1,275.00	\$155,550.00	
Cottonseed	1.07	Ton	\$250.00	\$266.25	\$32,482.50	
Total Revenue				\$1,541.25	\$188,032.50	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						
Custom						
Strip and Module - Cotton	1500	Pound	\$0.08	\$120.00	\$14,640.00	
Ginning - Cotton	45.454545	CWT	\$2.90	\$131.82	\$16,081.82	
Fertilizer Application - Liquid High	1	Acre	\$4.75	\$4.75	\$579.50	
Scouting	1	Acre	\$9.00	\$9.00	\$1,098.00	
Fertilizer						
Fertilizer (P) - Liquid	45	Pound	\$1.16	\$52.20	\$6,368.40	
Fertilizer (N) - Liquid	135	Pound	\$1.06	\$143.10	\$17,458.20	
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	3	Bale	\$0.00	\$0.00	\$0.00	
Miscellaneous						
Crop Insurance Cotton - Drip	1	Acre	\$70.00	\$70.00	\$8,540.00	
Crop Insurance Hail	4	100	\$2.25	\$9.00	\$1,098.00	
Seed						
Seed - Cotton Irrigated	40	Thousand	\$1.59	\$63.60	\$7,759.20	
Other Chemicals						
Acid	24	Pound	\$0.50	\$12.00	\$1,464.00	
Harvest Aid Apply Cotton Drip	1	Acre	\$30.00	\$30.00	\$3,660.00	
Other Labor						
Hoeing	0.2	Acre	\$15.00	\$3.00	\$366.00	
Irrigation						
Energy Cost	14.00	AcreInch	\$10.00	\$140.00	\$17,080.00	
Irrigation Labor	1.25	Hour	\$12.00	\$15.00	\$1,830.00	
Machinery Labor						
Tractors/Self-Propelled	0.75	Hour	\$12.00	\$9.00	\$1,098.00	
Other Labor	0.85	Hour	\$12.00	\$10.20	\$1,244.40	
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	\$30.00	\$30.00	\$3,660.00	
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%	\$32.06	\$3,910.80	
Total Variable Costs				\$994.85	\$121,371.32	
Planned Returns Above Variable Costs:				\$546.40	\$66,661.18	
Breakeven Price to Cover Variable Costs			\$0.49	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Equipment Fixed Costs						
Pickup/General Use Equipment	1	Acre	\$1.25	\$1.25	\$152.50	
Irrigation Equipment	1	Acre	\$75.00	\$75.00	\$9,150.00	
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 Drip	1	Acre	\$130.00	\$130.00	\$15,860.00	
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$244.00	
Total Fixed Costs				\$255.25	\$31,140.50	
Total Specified Costs				\$1,250.10	\$152,511.82	
Returns Above Specified Costs				\$291.15	\$35,520.68	
Breakeven Price to Cover Total Costs			\$0.66	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.