

**2021 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	1,250.00	Pound	\$0.63	\$787.50	\$96,075.00	
Cottonseed	0.89	Ton	\$165.00	\$146.44	\$17,865.38	
Total Revenue				\$933.94	\$113,940.38	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
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	1250	Pound	\$0.08	\$100.00	\$12,200.00	
Ginning - Cotton	39.0625	CWT	\$2.90	\$113.28	\$13,820.31	
Fertilizer						
Fertilizer (P) - Liquid	50	Pound	\$0.64	\$32.00	\$3,904.00	
Fertilizer (N) - Liquid	125	Pound	\$0.38	\$47.50	\$5,795.00	
Herbicide						
Herbicide - Cotton Preplant	1	Acre	\$9.50	\$9.50	\$1,159.00	
Herbicide - Cotton At Plant	1	Acre	\$4.50	\$4.50	\$549.00	
Herbicide - Cotton Postplant	1	Acre	\$25.00	\$25.00	\$3,050.00	
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	\$40.00	\$40.00	\$4,880.00	
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	12.00	AcreInch	\$10.00	\$120.00	\$14,640.00	
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	\$1.90	\$7.60	\$927.20	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$4.51	\$4.51	\$550.00	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$61.00	
Irrigation Equipment	1	Acre	\$21.00	\$21.00	\$2,562.00	
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$732.00	
Implements	1	Acre	\$3.00	\$3.00	\$366.00	
Interest on Credit Line			6.00%	\$15.45	\$1,884.55	
Total Variable Costs				\$701.39	\$85,569.16	
Planned Returns Above Variable Costs:				\$232.55	\$28,371.21	
Breakeven Price to Cover Variable Costs			\$0.44	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	
Total Fixed Costs				\$205.25	\$25,040.50	
Total Specified Costs				\$906.64	\$110,609.66	
Returns Above Specified Costs				\$27.30	\$3,330.71	
Breakeven Price to Cover Total Costs			\$0.61	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.