

**2021 Estimated Costs and Returns per Acre
Irrigated Cotton - Drip
South Plains Extension District - 2**

Crop Acres		122				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total	
Cotton Lint	1,500.00	Pound	\$0.63	\$945.00	\$115,290.00		
Cottonseed	1.07	Ton	\$165.00	\$175.73	\$21,438.45		
Total Revenue				\$1,120.73	\$136,728.45		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
Production Costs							
Custom							
Strip and Module - Cotton	1500	Pound	\$0.08	\$120.00	\$14,640.00		
Ginning - Cotton	46.875	CWT	\$2.90	\$135.94	\$16,584.38		
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	70	Pound	\$0.64	\$44.80	\$5,465.60		
Fertilizer (N) - Liquid	175	Pound	\$0.38	\$66.50	\$8,113.00		
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	3	Bale	\$0.00	\$0.00	\$0.00		
Miscellaneous							
Crop Insurance Cotton - Drip	1	Acre	\$56.00	\$56.00	\$6,832.00		
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	\$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	\$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			6.00%	\$19.00	\$2,318.55		
Total Variable Costs				\$853.40	\$104,114.82		
Planned Returns Above Variable Costs:				\$267.32	\$32,613.63		
Breakeven Price to Cover Variable Costs			\$0.45	Pound			
FIXED COSTS	Quantity	Units	\$/Unit	Total	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				\$1,108.65	\$135,255.32		
Returns Above Specified Costs				\$12.07	\$1,473.13		
Breakeven Price to Cover Total Costs			\$0.62	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.