

Projections for Planning Purposes Only -- Not to be Used without Updating
2024 Estimated Costs and Returns per Acre
Irrigated Cotton - Pivot
South Plains Extension District - 2

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Cotton Lint	1,000.00	Pound	\$0.72	\$720.00		\$87,840.00
Cottonseed	0.71	Ton	\$225.00	\$159.75		\$19,489.50
Total Revenue				\$879.75		\$107,329.50
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Custom						
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 Application - Liquid High Scouting	1	Acre	\$4.75	\$4.75		\$579.50
	1	Acre	\$9.00	\$9.00		\$1,098.00
Fertilizer						
Fertilizer (P) - Liquid	25	Pound	\$0.88	\$22.10		\$2,696.20
Fertilizer (N) - Liquid	90	Pound	\$0.61	\$54.99		\$6,708.78
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 Chemicals						
Harvest Aid Apply Cotton Irrigated	1	Acre	\$25.00	\$25.00		\$3,050.00
Other Labor						
Hoeing	0.2	Acre	\$15.00	\$3.00		\$366.00
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	\$3.00	\$12.00		\$1,463.51
Gasoline						
Pickup/General Use Equipment	1	Acre	\$5.20	\$5.20		\$634.75
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			9.00%	\$24.76		\$3,021.04
Total Variable Costs				\$694.23		\$84,695.63
Planned Returns Above Variable Costs:						\$185.52
Breakeven Price to Cover Variable Costs			\$0.53	Pound		\$22,633.87
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	\$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				\$899.48		\$109,736.13
Returns Above Specified Costs					(\$19.73)	(\$2,406.63)
Breakeven Price to Cover Total Costs			\$0.74	Pound		

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	750.00	\$0.71	\$0.99
90%	900.00	\$0.59	\$0.82
100%	1000.00	\$0.53	\$0.74
110%	1100.00	\$0.49	\$0.67
125%	1250.00	\$0.43	\$0.59

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.