

**2025 Estimated Costs and Returns per Acre
Continuous Sorghum, Sprinkler Irrigated (NG)
Panhandle Extension District - 1**

Crop Acres		122			
				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Grain Sorghum	62.00	CWT	\$7.35	\$455.70	\$55,595.40
Total Revenue				\$455.70	\$55,595.40
				Enterprise	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Herbicide					
Herbicide and Apply Sorghum Irrig.	1	Acre	\$56.60	\$56.60	\$6,905.20
Seed					
Seed - Sorghum	4	Pound	\$3.20	\$12.80	\$1,561.60
Fertilizer					
Fertilizer (N) - ANH3	60	Pound	\$0.43	\$25.62	\$3,125.64
Fertilizer (P) - Liquid	40	Pound	\$0.90	\$36.00	\$4,392.00
Fertilizer (N) - Liquid	50	Pound	\$0.58	\$28.90	\$3,525.80
Custom					
Fertilizer Application - ANH3	1	Acre	\$18.00	\$18.00	\$2,196.00
Harvest and Haul - Sorghum	60	CWT	\$1.00	\$60.00	\$7,320.00
Miscellaneous					
Crop Insurance Sorghum - Irrigated	1	Acre	\$30.00	\$30.00	\$3,660.00
Insecticide					
Insecticide Head Worm	0.67	Application	\$26.13	\$17.51	\$2,135.87
Insecticide Sugar Cane Aphid	1	Application	\$19.95	\$19.95	\$2,433.90
Irrigation					
Energy Cost	10.00	AcreInch	\$4.00	\$40.00	\$4,880.00
Irrigation Labor	0.90	Hour	\$18.30	\$16.40	\$2,000.41
Machinery Labor					
Tractors/Self-Propelled	0.16	Hour	\$18.00	\$2.88	\$351.36
Other Labor	0.19	Hour	\$18.00	\$3.42	\$417.24
Diesel Fuel					
Tractors/Self-Propelled	1.09	Gallon	\$2.75	\$3.00	\$365.70
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.92	\$4.92	\$600.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$37.50	\$37.50	\$4,575.00
Tractors/Self-Propelled	1	Acre	\$2.55	\$2.55	\$311.52
Implements	1	Acre	\$6.25	\$6.25	\$762.61
Interest on Credit Line			8.50%	\$12.80	\$1,561.91
Total Variable Costs				\$437.60	\$53,387.74
Planned Returns Above Variable Costs:				\$18.10	\$2,207.66
Breakeven Price to Cover Variable Costs			\$7.06 CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$47.34	\$47.34	\$5,775.00
Tractors/Self-Propelled	1	Acre	\$2.60	\$2.60	\$316.78
Implements	1	Acre	\$7.72	\$7.72	\$941.49
Equipment Investment					
Pickup/General Use Equipment	\$18.18	Dollars	8.50%	\$1.55	\$188.57
Irrigation Equipment	\$571.72	Dollars	8.50%	\$48.60	\$5,928.75
Tractors/Self-Propelled	\$20.23	Dollars	8.50%	\$1.72	\$209.77
Implements	\$33.01	Dollars	8.50%	\$2.81	\$342.34
Cash Rent - Sorghum f	1	Acre	\$125.00	\$125.00	\$15,250.00
Total Fixed Costs				\$239.95	\$29,273.99
Total Specified Costs				\$677.56	\$82,661.73
Returns Above Specified Costs				(\$221.86)	(\$27,066.33)
Breakeven Price to Cover Total Costs			\$10.93 CWT		

Developed by DeDe Jones, Senior Extension Program Specialist, Texas A&M AgriLife Extension, 806-677-5667

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.