

**2024 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	60.00	CWT	\$8.25	\$495.00	\$60,390.00	
Total Revenue				\$495.00	\$60,390.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Herbicide						
Herbicide and Apply Sorghum Irrig.	1	Acre	\$57.75	\$57.75	\$7,045.50	
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	\$0.88	\$35.28	\$4,304.16	
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	\$27.50	\$18.43	\$2,247.85	
Insecticide Sugar Cane Aphid	1	Application	\$21.00	\$21.00	\$2,562.00	
Irrigation						
Energy Cost	10.00	AcreInch	\$3.80	\$38.00	\$4,636.00	
Irrigation Labor	0.90	Hour	\$17.94	\$16.07	\$1,961.06	
Machinery Labor						
Tractors/Self-Propelled	0.16	Hour	\$17.65	\$2.82	\$344.53	
Other Labor	0.19	Hour	\$17.65	\$3.35	\$409.13	
Diesel Fuel						
Tractors/Self-Propelled	1.09	Gallon	\$3.10	\$3.38	\$412.24	
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			9.00%	\$13.56	\$1,653.91	
Total Variable Costs				\$438.69	\$53,520.53	
Planned Returns Above Variable Costs:				\$56.31	\$6,869.47	
Breakeven Price to Cover Variable Costs			\$7.31 CWT			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise 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	9.00%	\$1.64	\$199.67	
Irrigation Equipment	\$571.72	Dollars	9.00%	\$51.45	\$6,277.50	
Tractors/Self-Propelled	\$20.23	Dollars	9.00%	\$1.82	\$222.11	
Implements	\$33.01	Dollars	9.00%	\$2.97	\$362.47	
Cash Rent - Sorghum f	1	Acre	\$125.00	\$125.00	\$15,250.00	
Total Fixed Costs				\$243.17	\$29,666.31	
Total Specified Costs				\$681.86	\$83,186.84	
Returns Above Specified Costs				(\$186.86)	(\$22,796.84)	
Breakeven Price to Cover Total Costs			\$11.36 CWT			

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

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.