

**2023 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	\$10.38	\$622.93	\$75,997.29	
Total Revenue				\$622.93	\$75,997.29	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Herbicide						
Herbicide and Apply Sorghum Irrig.	1	Acre	\$65.79	\$65.79	\$8,026.38	
Seed						
Seed - Sorghum	4	Pound	\$2.12	\$8.48	\$1,034.56	
Fertilizer						
Fertilizer (N) - ANH3	60	Pound	\$0.76	\$45.66	\$5,570.52	
Fertilizer (P) - Liquid	40	Pound	\$1.09	\$43.64	\$5,324.08	
Fertilizer (N) - Liquid	50	Pound	\$0.98	\$48.85	\$5,959.70	
Custom						
Fertilizer Application - ANH3	1	Acre	\$21.99	\$21.99	\$2,682.78	
Harvest and Haul - Sorghum	60	CWT	\$1.14	\$68.40	\$8,344.80	
Miscellaneous						
Crop Insurance Sorghum - Irrigated	1	Acre	\$32.40	\$32.40	\$3,952.80	
Insecticide						
Insecticide Head Worm	0.67	Application	\$29.84	\$19.99	\$2,439.12	
Insecticide Sugar Cane Aphid	1	Application	\$63.96	\$63.96	\$7,803.12	
Irrigation						
Energy Cost	10.00	AcreInch	\$4.70	\$47.00	\$5,734.00	
Irrigation Labor	0.90	Hour	\$17.50	\$15.68	\$1,912.96	
Machinery Labor						
Tractors/Self-Propelled	0.16	Hour	\$17.21	\$2.75	\$335.94	
Other Labor	0.19	Hour	\$17.21	\$3.27	\$398.93	
Diesel Fuel						
Tractors/Self-Propelled	1.09	Gallon	\$2.24	\$2.44	\$297.88	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$4.28	\$4.28	\$522.50	
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			8.00%	\$14.52	\$1,771.31	
Total Variable Costs				\$557.92	\$68,066.50	
Planned Returns Above Variable Costs:				\$65.01	\$7,930.79	
Breakeven Price to Cover Variable Costs			\$9.30 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	8.00%	\$1.45	\$177.48	
Irrigation Equipment	\$571.72	Dollars	8.00%	\$45.74	\$5,580.00	
Tractors/Self-Propelled	\$20.23	Dollars	8.00%	\$1.62	\$197.43	
Implements	\$33.01	Dollars	8.00%	\$2.64	\$322.20	
Cash Rent - Sorghum f	1	Acre	\$88.50	\$88.50	\$10,797.00	
Total Fixed Costs				\$200.24	\$24,428.67	
Total Specified Costs				\$758.16	\$92,495.17	
Returns Above Specified Costs				(\$135.23)	(\$16,497.88)	
Breakeven Price to Cover Total Costs			\$12.64 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.