

**2021 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	\$8.04	\$482.40	\$58,852.80	
Total Revenue				\$482.40	\$58,852.80	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs					Total	
Herbicide						
Herbicide and Apply Sorghum Irrig.	1	Acre	\$24.77	\$24.77	\$3,022.45	
Seed						
Seed - Sorghum	4	Pound	\$2.11	\$8.43	\$1,027.93	
Fertilizer						
Fertilizer (N) - ANH3	60	Pound	\$0.30	\$18.00	\$2,196.00	
Fertilizer (P) - Liquid	40	Pound	\$0.49	\$19.60	\$2,391.20	
Fertilizer (N) - Liquid	50	Pound	\$0.50	\$25.00	\$3,050.00	
Custom						
Fertilizer Application - ANH3	1	Acre	\$16.05	\$16.05	\$1,958.27	
Harvest and Haul - Sorghum	60	CWT	\$0.91	\$54.55	\$6,655.06	
Miscellaneous						
Crop Insurance Sorghum - Irrigated	1	Acre	\$33.00	\$33.00	\$4,026.00	
Insecticide						
Insecticide Head Worm	0.67	Application	\$10.58	\$7.09	\$864.95	
Insecticide Sugar Cane Aphid	1	Application	\$22.68	\$22.68	\$2,766.91	
Irrigation						
Energy Cost	10.00	AcreInch	\$3.35	\$33.50	\$4,087.00	
Irrigation Labor	0.90	Hour	\$13.65	\$12.23	\$1,492.11	
Machinery Labor						
Tractors/Self-Propelled	0.33	Hour	\$13.43	\$4.43	\$540.69	
Other Labor	0.37	Hour	\$13.43	\$4.97	\$606.23	
Diesel Fuel						
Tractors/Self-Propelled	1.92	Gallon	\$2.19	\$4.21	\$513.03	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$5.20	\$5.20	\$634.50	
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	\$3.80	\$3.80	\$463.91	
Implements	1	Acre	\$15.21	\$15.21	\$1,855.64	
Interest on Credit Line			6.25%	\$7.91	\$964.69	
Total Variable Costs				\$360.64	\$43,997.59	
Planned Returns Above Variable Costs:				\$121.76	\$14,855.21	
Breakeven Price to Cover Variable Costs			\$6.01 CWT			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
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	\$3.72	\$3.72	\$453.33	
Implements	1	Acre	\$19.00	\$19.00	\$2,317.45	
Equipment Investment						
Pickup/General Use Equipment	\$18.18	Dollars	6.25%	\$1.14	\$138.66	
Irrigation Equipment	\$571.72	Dollars	6.25%	\$35.73	\$4,359.38	
Tractors/Self-Propelled	\$28.95	Dollars	6.25%	\$1.81	\$220.73	
Implements	\$81.26	Dollars	6.25%	\$5.08	\$619.60	
Cash Rent - Sorghum f	1	Acre	\$76.00	\$76.00	\$9,272.00	
Total Fixed Costs				\$192.44	\$23,477.44	
Total Specified Costs				\$553.07	\$67,475.02	
Returns Above Specified Costs				(\$70.67)	(\$8,622.22)	
Breakeven Price to Cover Total Costs			\$9.22 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.