

**2022 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	Enterprise Total
Grain Sorghum	60.00	CWT	\$9.11	\$546.60	\$546.60	\$66,685.20
Total Revenue				\$546.60	\$546.60	\$66,685.20
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Production Costs						
Herbicide						
Herbicide and Apply Sorghum Irrig.	1	Acre	\$46.66	\$46.66	\$46.66	\$5,692.52
Seed						
Seed - Sorghum	4	Pound	\$2.12	\$8.48	\$8.48	\$1,034.56
Fertilizer						
Fertilizer (N) - ANH3	60	Pound	\$0.41	\$24.60	\$24.60	\$3,001.20
Fertilizer (P) - Liquid	40	Pound	\$0.72	\$28.80	\$28.80	\$3,513.60
Fertilizer (N) - Liquid	50	Pound	\$0.69	\$34.50	\$34.50	\$4,209.00
Custom						
Fertilizer Application - ANH3	1	Acre	\$17.59	\$17.59	\$17.59	\$2,145.98
Harvest and Haul - Sorghum	60	CWT	\$1.05	\$63.00	\$63.00	\$7,686.00
Miscellaneous						
Crop Insurance Sorghum - Irrigated	1	Acre	\$32.40	\$32.40	\$32.40	\$3,952.80
Insecticide						
Insecticide Head Worm	0.67	Application	\$21.16	\$14.18	\$14.18	\$1,729.62
Insecticide Sugar Cane Aphid	1	Application	\$45.36	\$45.36	\$45.36	\$5,533.92
Irrigation						
Energy Cost	10.00	AcreInch	\$3.91	\$39.10	\$39.10	\$4,770.20
Irrigation Labor	0.90	Hour	\$16.38	\$14.68	\$14.68	\$1,790.53
Machinery Labor						
Tractors/Self-Propelled	0.16	Hour	\$16.12	\$2.58	\$2.58	\$314.58
Other Labor	0.19	Hour	\$16.12	\$3.06	\$3.06	\$373.57
Diesel Fuel						
Tractors/Self-Propelled	1.09	Gallon	\$2.67	\$2.91	\$2.91	\$355.06
Gasoline						
Pickup/General Use Equipment	1	Acre	\$5.12	\$5.12	\$5.12	\$625.00
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$37.50	\$37.50	\$37.50	\$4,575.00
Tractors/Self-Propelled	1	Acre	\$2.55	\$2.55	\$2.55	\$311.52
Implements	1	Acre	\$6.25	\$6.25	\$6.25	\$762.61
Interest on Credit Line			6.30%	\$9.09	\$9.09	\$1,108.68
Total Variable Costs				\$440.92	\$440.92	\$53,791.94
Planned Returns Above Variable Costs:				\$105.68	\$105.68	\$12,893.26
Breakeven Price to Cover Variable Costs			\$7.35 CWT			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$47.34	\$47.34	\$47.34	\$5,775.00
Tractors/Self-Propelled	1	Acre	\$2.60	\$2.60	\$2.60	\$316.78
Implements	1	Acre	\$7.72	\$7.72	\$7.72	\$941.49
Equipment Investment						
Pickup/General Use Equipment	\$18.18	Dollars	6.30%	\$1.15	\$1.15	\$139.77
Irrigation Equipment	\$571.72	Dollars	6.30%	\$36.02	\$36.02	\$4,394.25
Tractors/Self-Propelled	\$20.23	Dollars	6.30%	\$1.27	\$1.27	\$155.47
Implements	\$33.01	Dollars	6.30%	\$2.08	\$2.08	\$253.73
Cash Rent - Sorghum f	1	Acre	\$79.00	\$79.00	\$79.00	\$9,638.00
Total Fixed Costs				\$179.80	\$179.80	\$21,935.79
Total Specified Costs				\$620.72	\$620.72	\$75,727.73
Returns Above Specified Costs				(\$74.12)	(\$74.12)	(\$9,042.53)
Breakeven Price to Cover Total Costs			\$10.35 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.