

**2021 Estimated Costs and Returns per Acre  
Sorghum Sudangrass, Sprinkler Irrigated (NG), Grazing  
Panhandle Extension District - 1**

Crop Acres		122				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total		
Grazing - Sorghum	800.00	Pound	\$0.50	\$400.00	\$48,800.00		
Total Revenue				\$400.00	\$48,800.00		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
<b>Production Costs</b>							
Fertilizer							
Fertilizer (N) - ANH3	150	Pound	\$0.30	\$45.00	\$5,490.00		
Fertilizer (P) - Liquid	50	Pound	\$0.49	\$24.50	\$2,989.00		
Custom							
Fertilizer Application - ANH3	1	Acre	\$16.05	\$16.05	\$1,958.27		
Miscellaneous							
Crop Insurance Sorghum Sudan Irrigated	1	Acre	\$25.00	\$25.00	\$3,050.00		
Herbicide							
Herbicide and Apply Sorghum Sudan	1	Acre	\$13.17	\$13.17	\$1,607.12		
Seed							
Seed - Sorghum Sudangrass	22	Pound	\$0.90	\$19.74	\$2,408.02		
Irrigation							
Energy Cost	9.00	AcreInch	\$3.35	\$30.15	\$3,678.30		
Irrigation Labor	0.58	Hour	\$13.65	\$7.86	\$959.21		
Machinery Labor							
Tractors/Self-Propelled	0.41	Hour	\$13.43	\$5.51	\$671.77		
Other Labor	0.45	Hour	\$13.43	\$6.04	\$737.31		
Diesel Fuel							
Tractors/Self-Propelled	2.12	Gallon	\$2.19	\$4.64	\$566.47		
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	\$33.75	\$33.75	\$4,117.50		
Tractors/Self-Propelled	1	Acre	\$3.94	\$3.94	\$481.09		
Implements	1	Acre	\$10.77	\$10.77	\$1,313.39		
Interest on Credit Line			6.25%	\$6.42	\$783.46		
Total Variable Costs				\$260.26	\$31,751.42		
Planned Returns Above Variable Costs:				\$139.74	\$17,048.58		
Breakeven Price to Cover Variable Costs			\$0.33	Pound			
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	\$30.74	\$30.74	\$3,750.00		
Tractors/Self-Propelled	1	Acre	\$3.91	\$3.91	\$477.53		
Implements	1	Acre	\$13.43	\$13.43	\$1,638.87		
Equipment Investment							
Pickup/General Use Equipment	\$18.18	Dollars	6.25%	\$1.14	\$138.66		
Irrigation Equipment	\$450.00	Dollars	6.25%	\$28.13	\$3,431.25		
Tractors/Self-Propelled	\$30.49	Dollars	6.25%	\$1.91	\$232.51		
Implements	\$57.46	Dollars	6.25%	\$3.59	\$438.17		
Cash Rent - Sorghum f	1	Acre	\$76.00	\$76.00	\$9,272.00		
Total Fixed Costs				\$161.48	\$19,700.29		
Total Specified Costs				\$421.74	\$51,451.71		
Returns Above Specified Costs					(\$21.74)	(\$2,651.71)	
Breakeven Price to Cover Total Costs			\$0.53	Pound			

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.**