

**2022 Estimated Costs and Returns per Acre  
Sorghum Sudangrass, Sprinkler Irrigated (NG), Grazing  
Panhandle Extension District - 1**

Crop Acres		122						
				Enterprise				
<b>REVENUE</b>				Quantity	Units	\$/Unit	Total	Total
Grazing - Sorghum				800.00	Pound	\$0.50	\$400.00	\$48,800.00
<b>Total Revenue</b>							<b>\$400.00</b>	<b>\$48,800.00</b>
<b>VARIABLE COSTS</b>				Quantity	Units	\$/Unit	Total	Total
<b>Production Costs</b>								
Fertilizer								
Fertilizer (N) - ANH3				150	Pound	\$0.41	\$61.50	\$7,503.00
Fertilizer (P) - Liquid				50	Pound	\$0.72	\$36.00	\$4,392.00
Custom								
Fertilizer Application - ANH3				1	Acre	\$17.59	\$17.59	\$2,145.98
Miscellaneous								
Crop Insurance Sorghum Sudan Irrigatec				1	Acre	\$25.00	\$25.00	\$3,050.00
Herbicide								
Herbicide and Apply Sorghum Sudan				1	Acre	\$23.46	\$23.46	\$2,862.12
Seed								
Seed - Sorghum Sudangrass				22	Pound	\$0.90	\$19.80	\$2,415.60
Irrigation								
Energy Cost				9.00	AcreInch	\$3.91	\$35.19	\$4,293.18
Irrigation Labor				0.58	Hour	\$16.38	\$9.43	\$1,151.06
Machinery Labor								
Tractors/Self-Propelled				0.25	Hour	\$16.12	\$4.03	\$491.54
Other Labor				0.29	Hour	\$16.12	\$4.67	\$570.18
Diesel Fuel								
Tractors/Self-Propelled				1.53	Gallon	\$2.67	\$4.09	\$498.38
Gasoline								
Pickup/General Use Equipment				1	Acre	\$5.12	\$5.12	\$625.00
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	\$3.03	\$3.03	\$369.51
Implements				1	Acre	\$5.57	\$5.57	\$680.02
Interest on Credit Line						6.30%	\$7.18	\$875.69
<b>Total Variable Costs</b>							<b>\$297.92</b>	<b>\$36,346.76</b>
Planned Returns Above Variable Costs:							\$102.08	\$12,453.24
Breakeven Price to Cover Variable Costs						\$0.37	Pound	
<b>FIXED COSTS</b>				Quantity	Units	\$/Unit	Total	Total
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	\$3.08	\$3.08	\$375.78
Implements				1	Acre	\$6.93	\$6.93	\$845.49
Equipment Investment								
Pickup/General Use Equipment				\$18.18	Dollars	6.30%	\$1.15	\$139.77
Irrigation Equipment				\$450.00	Dollars	6.30%	\$28.35	\$3,458.70
Tractors/Self-Propelled				\$24.00	Dollars	6.30%	\$1.51	\$184.43
Implements				\$29.65	Dollars	6.30%	\$1.87	\$227.86
Cash Rent - Sorghum f				1	Acre	\$79.00	\$79.00	\$9,638.00
<b>Total Fixed Costs</b>							<b>\$155.26</b>	<b>\$18,941.32</b>
<b>Total Specified Costs</b>							<b>\$453.18</b>	<b>\$55,288.08</b>
Returns Above Specified Costs							<b>(\$53.18)</b>	<b>(\$6,488.08)</b>
Breakeven Price to Cover Total Costs						\$0.57	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.**