

**2024 Estimated Costs and Returns per Acre
Sorghum Sudangrass, Sprinkler Irrigated (NG), Grazing
Panhandle Extension District - 1**

Crop Acres		122						
REVENUE				Quantity	Units	\$/Unit	Total	Enterprise Total
Grazing - Sorghum				800.00	Pound	\$0.90	\$720.00	\$87,840.00
Total Revenue							\$720.00	\$87,840.00
VARIABLE COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs								
Fertilizer								
Fertilizer (N) - ANH3				150	Pound	\$0.43	\$64.05	\$7,814.10
Fertilizer (P) - Liquid				50	Pound	\$0.88	\$44.10	\$5,380.20
Custom								
Fertilizer Application - ANH3				1	Acre	\$18.00	\$18.00	\$2,196.00
Miscellaneous								
Crop Insurance Sorghum Sudan Irrigatec				1	Acre	\$25.00	\$25.00	\$3,050.00
Herbicide								
Herbicide and Apply Sorghum Sudan				1	Acre	\$30.43	\$30.43	\$3,712.46
Seed								
Seed - Sorghum Sudangrass				22	Pound	\$0.90	\$19.80	\$2,415.60
Irrigation								
Energy Cost				9.00	AcreInch	\$3.80	\$34.20	\$4,172.40
Irrigation Labor				0.58	Hour	\$17.94	\$10.33	\$1,260.68
Machinery Labor								
Tractors/Self-Propelled				0.25	Hour	\$17.65	\$4.41	\$538.33
Other Labor				0.29	Hour	\$17.65	\$5.12	\$624.46
Diesel Fuel								
Tractors/Self-Propelled				1.53	Gallon	\$3.10	\$4.74	\$578.65
Gasoline								
Pickup/General Use Equipment				1	Acre	\$4.92	\$4.92	\$600.00
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						9.00%	\$10.85	\$1,324.15
Total Variable Costs							\$320.82	\$39,140.05
Planned Returns Above Variable Costs:							\$399.18	\$48,699.95
Breakeven Price to Cover Variable Costs						\$0.40 Pound		
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	\$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	9.00%	\$1.64	\$199.67
Irrigation Equipment				\$450.00	Dollars	9.00%	\$40.50	\$4,941.00
Tractors/Self-Propelled				\$24.00	Dollars	9.00%	\$2.16	\$263.47
Implements				\$29.65	Dollars	9.00%	\$2.67	\$325.51
Cash Rent - Sorghum f				1	Acre	\$125.00	\$125.00	\$15,250.00
Total Fixed Costs							\$215.35	\$26,272.22
Total Specified Costs							\$536.17	\$65,412.26
Returns Above Specified Costs							\$183.83	\$22,427.74
Breakeven Price to Cover Total Costs						\$0.67 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.