

**2023 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	\$0.60			\$480.00	\$58,560.00
Total Revenue							\$480.00	\$58,560.00
VARIABLE COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs								
Fertilizer								
Fertilizer (N) - ANH3		150	Pound	\$0.76			\$114.15	\$13,926.30
Fertilizer (P) - Liquid		50	Pound	\$1.09			\$54.55	\$6,655.10
Custom								
Fertilizer Application - ANH3		1	Acre	\$21.99			\$21.99	\$2,682.78
Miscellaneous								
Crop Insurance Sorghum Sudan Irrigated		1	Acre	\$25.00			\$25.00	\$3,050.00
Herbicide								
Herbicide and Apply Sorghum Sudan		1	Acre	\$33.08			\$33.08	\$4,035.76
Seed								
Seed - Sorghum Sudangrass		22	Pound	\$0.90			\$19.80	\$2,415.60
Irrigation								
Energy Cost		9.00	AcreInch	\$4.70			\$42.30	\$5,160.60
Irrigation Labor		0.58	Hour	\$17.50			\$10.08	\$1,229.76
Machinery Labor								
Tractors/Self-Propelled		0.25	Hour	\$17.21			\$4.30	\$524.91
Other Labor		0.29	Hour	\$17.21			\$4.99	\$608.89
Diesel Fuel								
Tractors/Self-Propelled		1.53	Gallon	\$2.24			\$3.43	\$418.12
Gasoline								
Pickup/General Use Equipment		1	Acre	\$4.28			\$4.28	\$522.50
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	\$3.03			\$3.03	\$369.51
Implements		1	Acre	\$5.57			\$5.57	\$680.02
Interest on Credit Line				8.00%			\$11.59	\$1,413.47
Total Variable Costs							\$394.40	\$48,116.82
Planned Returns Above Variable Costs:							\$85.60	\$10,443.18
Breakeven Price to Cover Variable Costs				\$0.49	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	8.00%			\$1.45	\$177.48
Irrigation Equipment		\$450.00	Dollars	8.00%			\$36.00	\$4,392.00
Tractors/Self-Propelled		\$24.00	Dollars	8.00%			\$1.92	\$234.20
Implements		\$29.65	Dollars	8.00%			\$2.37	\$289.34
Cash Rent - Sorghum f		1	Acre	\$88.50			\$88.50	\$10,797.00
Total Fixed Costs							\$173.63	\$21,182.59
Total Specified Costs							\$568.03	\$69,299.41
Returns Above Specified Costs							(\$88.03)	(\$10,739.41)
Breakeven Price to Cover Total Costs				\$0.71	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.