

**2023 Estimated Costs and Returns per Acre
Seed Sorghum, Sprinkler Irrigated (NG)
Panhandle Extension District - 1**

Crop Acres	122					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total		Total
Seed Sorghum - Female Only	45.00	CWT	\$31.72	\$1,427.54		\$174,160.45
Total Revenue				\$1,427.54		\$174,160.45
VARIABLE COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
Production Costs						
Herbicide						
Herbicide and Apply Sorghum Irrig.	1	Acre	\$65.79	\$65.79		\$8,026.38
Seed						
Seed - Sorghum	0	Pound	\$2.12	\$0.00		\$0.00
Fertilizer						
Fertilizer (N) - ANH3	65	Pound	\$0.76	\$49.47		\$6,034.73
Fertilizer (P) - Liquid	50	Pound	\$1.09	\$54.55		\$6,655.10
Fertilizer (N) - Liquid	60	Pound	\$0.98	\$58.62		\$7,151.64
Custom						
Fertilizer Application - ANH3	1	Acre	\$21.99	\$21.99		\$2,682.78
Harvest and Haul - Sorghum	45	CWT	\$1.14	\$51.30		\$6,258.60
Miscellaneous						
Crop Insurance Sorghum - Irrigated	1	Acre	\$32.40	\$32.40		\$3,952.80
Insecticide						
Insecticide Head Worm	0.67	Application	\$29.84	\$19.99		\$2,439.12
Insecticide Sugar Cane Aphid	1	Application	\$63.96	\$63.96		\$7,803.12
Irrigation						
Energy Cost	16.00	AcreInch	\$4.70	\$75.20		\$9,174.40
Irrigation Labor	1.02	Hour	\$17.50	\$17.92		\$2,186.24
Machinery Labor						
Tractors/Self-Propelled	0.16	Hour	\$17.21	\$2.75		\$335.94
Other Labor	0.19	Hour	\$17.21	\$3.27		\$398.93
Diesel Fuel						
Tractors/Self-Propelled	1.09	Gallon	\$2.24	\$2.44		\$297.88
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	\$60.00	\$60.00		\$7,320.00
Tractors/Self-Propelled	1	Acre	\$2.55	\$2.55		\$311.52
Implements	1	Acre	\$6.25	\$6.25		\$762.61
Interest on Credit Line			8.00%	\$16.03		\$1,955.83
Total Variable Costs				\$611.28		\$74,576.11
Planned Returns Above Variable Costs:				\$816.27		\$99,584.34
Breakeven Price to Cover Variable Costs			\$13.58	CWT		
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	\$40.42	\$40.42		\$4,931.25
Tractors/Self-Propelled	1	Acre	\$2.60	\$2.60		\$316.78
Implements	1	Acre	\$7.72	\$7.72		\$941.49
Equipment Investment						
Pickup/General Use Equipment	\$18.18	Dollars	8.00%	\$1.45		\$177.48
Irrigation Equipment	\$521.00	Dollars	8.00%	\$41.68		\$5,085.00
Tractors/Self-Propelled	\$20.23	Dollars	8.00%	\$1.62		\$197.43
Implements	\$33.01	Dollars	8.00%	\$2.64		\$322.20
Cash Rent - Sorghum f	1	Acre	\$88.50	\$88.50		\$10,797.00
Total Fixed Costs				\$189.26		\$23,089.92
Total Specified Costs				\$800.54		\$97,666.04
Returns Above Specified Costs				\$627.00		\$76,494.41
Breakeven Price to Cover Total Costs			\$17.79	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.