

**2024 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	\$24.06	\$1,082.70	\$132,089.40
Total Revenue				\$1,082.70	\$132,089.40
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Herbicide					
Herbicide and Apply Sorghum Irrig.	1	Acre	\$57.75	\$57.75	\$7,045.50
Seed					
Seed - Sorghum	0	Pound	\$3.20	\$0.00	\$0.00
Fertilizer					
Fertilizer (N) - ANH3	65	Pound	\$0.43	\$27.76	\$3,386.11
Fertilizer (P) - Liquid	50	Pound	\$0.88	\$44.10	\$5,380.20
Fertilizer (N) - Liquid	60	Pound	\$0.58	\$34.68	\$4,230.96
Custom					
Fertilizer Application - ANH3	1	Acre	\$18.00	\$18.00	\$2,196.00
Harvest and Haul - Sorghum	45	CWT	\$1.00	\$45.00	\$5,490.00
Miscellaneous					
Crop Insurance Sorghum - Irrigated	1	Acre	\$30.00	\$30.00	\$3,660.00
Insecticide					
Insecticide Head Worm	0.67	Application	\$27.50	\$18.43	\$2,247.85
Insecticide Sugar Cane Aphid	1	Application	\$21.00	\$21.00	\$2,562.00
Irrigation					
Energy Cost	16.00	AcreInch	\$3.80	\$60.80	\$7,417.60
Irrigation Labor	1.02	Hour	\$17.94	\$18.37	\$2,241.21
Machinery Labor					
Tractors/Self-Propelled	0.16	Hour	\$17.65	\$2.82	\$344.53
Other Labor	0.19	Hour	\$17.65	\$3.35	\$409.13
Diesel Fuel					
Tractors/Self-Propelled	1.09	Gallon	\$3.10	\$3.38	\$412.24
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	\$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			9.00%	\$14.73	\$1,797.04
Total Variable Costs				\$476.40	\$58,120.49
Planned Returns Above Variable Costs:				\$606.30	\$73,968.91
Breakeven Price to Cover Variable Costs			\$10.59 CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	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	9.00%	\$1.64	\$199.67
Irrigation Equipment	\$521.00	Dollars	9.00%	\$46.89	\$5,720.63
Tractors/Self-Propelled	\$20.23	Dollars	9.00%	\$1.82	\$222.11
Implements	\$33.01	Dollars	9.00%	\$2.97	\$362.47
Cash Rent - Sorghum f	1	Acre	\$125.00	\$125.00	\$15,250.00
Total Fixed Costs				\$231.69	\$28,265.69
Total Specified Costs				\$708.08	\$86,386.17
Returns Above Specified Costs				\$374.62	\$45,703.23
Breakeven Price to Cover Total Costs			\$15.74 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.