

**2023 Estimated Costs and Returns per Acre
Sorghum, Dryland, Continuous, Minimum Tillage
Panhandle Extension District - 1**

Crop Acres		160				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total		
Grain Sorghum	25.00	CWT	\$10.38	\$259.55	\$41,528.57		
Total Revenue				\$259.55	\$41,528.57		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Production Costs							
Herbicide							
Herbicide and Apply Sorghum	1	Acre	\$54.89	\$54.89	\$8,782.40		
Seed							
Seed - Sorghum	2.25	Pound	\$2.12	\$4.77	\$763.20		
Fertilizer							
Fertilizer (N) - ANH3	40	Pound	\$0.76	\$30.44	\$4,870.40		
Custom							
Fertilizer Application - ANH3	1	Acre	\$21.99	\$21.99	\$3,518.40		
Custom Harvest - Sorghum Dryland	1	Acre	\$34.49	\$34.49	\$5,518.40		
Custom Haul - Sorghum Dryland	25	CWT	\$0.35	\$8.75	\$1,400.00		
Miscellaneous							
Crop Insurance Sorghum - Dryland	1	Acre	\$17.00	\$17.00	\$2,720.00		
Insecticide							
Insecticide Head Worm	0.67	Application	\$29.84	\$19.99	\$3,198.85		
Insecticide Sugar Cane Aphid	1	Application	\$63.96	\$63.96	\$10,233.60		
Machinery Labor							
Tractors/Self-Propelled	0.13	Hour	\$17.21	\$2.24	\$357.97		
Other Labor	0.15	Hour	\$17.21	\$2.58	\$413.04		
Diesel Fuel							
Tractors/Self-Propelled	0.88	Gallon	\$2.24	\$1.97	\$315.39		
Gasoline							
Pickup/General Use Equipment	1	Acre	\$4.25	\$4.25	\$679.25		
Repairs & Maintenance							
Pickup/General Use Equipment	1	Acre	\$2.49	\$2.49	\$397.80		
Tractors/Self-Propelled	1	Acre	\$2.06	\$2.06	\$329.61		
Implements	1	Acre	\$3.94	\$3.94	\$630.64		
Interest on Credit Line			8.00%	\$6.25	\$1,000.02		
Total Variable Costs				\$282.06	\$45,128.96		
Planned Returns Above Variable Costs:					(\$22.50)	(\$3,600.39)	
Breakeven Price to Cover Variable Costs			\$11.28	CWT			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Machinery Depreciation							
Pickup/General Use Equipment	1	Acre	\$2.61	\$2.61	\$417.69		
Tractors/Self-Propelled	1	Acre	\$2.09	\$2.09	\$333.88		
Implements	1	Acre	\$5.14	\$5.14	\$821.66		
Equipment Investment							
Pickup/General Use Equipment	\$18.03	Dollars	8.00%	\$1.44	\$230.72		
Tractors/Self-Propelled	\$16.26	Dollars	8.00%	\$1.30	\$208.08		
Implements	\$21.97	Dollars	8.00%	\$1.76	\$281.19		
Cash Rent - Sorghum	1	Acre	\$32.45	\$32.45	\$5,192.00		
Total Fixed Costs				\$46.78	\$7,485.23		
Total Specified Costs				\$328.84	\$52,614.19		
Returns Above Specified Costs					(\$69.29)	(\$11,085.62)	
Breakeven Price to Cover Total Costs			\$13.15	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.