

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2020 Estimated Costs and Returns per Acre**  
**Sorghum, Dryland, Continuous, Minimum Tillage**  
**Panhandle Extension District - 1**

Crop Acres		160						
REVENUE				Quantity	Units	\$/Unit	Total	Enterprise Total
Grain Sorghum		25.00	CWT	\$6.75		\$168.75	\$27,000.00	
Total Revenue						\$168.75	\$27,000.00	
VARIABLE COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs								
Herbicide								
Herbicide and Apply Sorghum		1	Acre	\$20.91		\$20.91	\$3,345.14	
Seed								
Seed - Sorghum		2.25	Pound	\$2.11		\$4.74	\$758.31	
Fertilizer								
Fertilizer (N) - ANH3		40	Pound	\$0.29		\$11.48	\$1,836.80	
Custom								
Fertilizer Application - ANH3		1	Acre	\$16.05		\$16.05	\$2,568.22	
Custom Harvest - Sorghum Dryland		1	Acre	\$26.76		\$26.76	\$4,282.05	
Custom Haul - Sorghum Dryland		25	CWT	\$0.27		\$6.79	\$1,086.81	
Miscellaneous								
Crop Insurance Sorghum - Dryland		1	Acre	\$17.40		\$17.40	\$2,784.00	
Insecticide								
Insecticide Head Worm		0.67	Application	\$10.58		\$7.09	\$1,134.36	
Insecticide Sugar Cane Aphid		1	Application	\$22.68		\$22.68	\$3,628.74	
Machinery Labor								
Tractors/Self-Propelled		0.33	Hour	\$13.43		\$4.43	\$709.10	
Other Labor		0.35	Hour	\$13.43		\$4.70	\$752.08	
Diesel Fuel								
Tractors/Self-Propelled		1.91	Gallon	\$2.33		\$4.45	\$712.05	
Gasoline								
Pickup/General Use Equipment		1	Acre	\$4.77		\$4.77	\$763.75	
Repairs & Maintenance								
Pickup/General Use Equipment		1	Acre	\$2.49		\$2.49	\$397.80	
Tractors/Self-Propelled		1	Acre	\$3.67		\$3.67	\$587.08	
Implements		1	Acre	\$11.72		\$11.72	\$1,875.05	
Interest on Credit Line				6.25%		\$3.34	\$533.87	
Total Variable Costs						\$173.47	\$27,755.22	
Planned Returns Above Variable Costs:						(\$4.72)	(\$755.22)	
Breakeven Price to Cover Variable Costs						\$6.94	CWT	
FIXED COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation								
Pickup/General Use Equipment		1	Acre	\$2.61		\$2.61	\$417.69	
Tractors/Self-Propelled		1	Acre	\$3.59		\$3.59	\$573.68	
Implements		1	Acre	\$15.18		\$15.18	\$2,428.96	
Equipment Investment								
Pickup/General Use Equipment		\$18.03	Dollars	6.25%		\$1.13	\$180.25	
Tractors/Self-Propelled		\$27.93	Dollars	6.25%		\$1.75	\$279.32	
Implements		\$64.94	Dollars	6.25%		\$4.06	\$649.41	
Cash Rent - Sorghum		1	Acre	\$30.00		\$30.00	\$4,800.00	
Total Fixed Costs						\$58.31	\$9,329.31	
Total Specified Costs						\$231.78	\$37,084.53	
Returns Above Specified Costs						(\$63.03)	(\$10,084.53)	
Breakeven Price to Cover Total Costs						\$9.27	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	18.75	\$9.25	\$12.36
90%	22.50	\$7.71	\$10.30
100%	25.00	\$6.94	\$9.27
110%	27.50	\$6.31	\$8.43
125%	31.25	\$5.55	\$7.42

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.**