

**2024 Estimated Costs and Returns per Acre  
Grain Sorghum  
Central Texas Extension District - 8**

Crop Acres		500				
				Total	Enterprise Total	
<b>REVENUE</b>						
	Quantity	Units	\$/Unit	Total	Total	
Grain Sorghum	45.00	CWT	\$8.50	\$382.50	\$191,250.00	
Total Revenue				\$382.50	\$191,250.00	
<b>VARIABLE COSTS</b>						
	Quantity	Units	\$/Unit	Total	Enterprise Total	
<b>Production Costs</b>						
Custom						
Dry Fertilizer Rig	1	Acre	\$8.00	\$8.00	\$4,000.00	
Custom Combine	1	Acre	\$35.00	\$35.00	\$17,500.00	
Custom Hauling Sorghum	45	CWT	\$0.25	\$11.25	\$5,625.00	
Fertilizer						
18-46-0	100	Pound	\$0.60	\$60.00	\$30,000.00	
46-0-0	80	Pound	\$0.55	\$44.00	\$22,000.00	
Herbicide						
Pre-emerge sorghum	1.5	Quart	\$19.00	\$28.50	\$14,250.00	
Seed						
Treated Sorghum Seed	5	Pound	\$2.60	\$13.00	\$6,500.00	
Miscellaneous						
Insurance - Sorghum	1	Acre	\$14.00	\$14.00	\$7,000.00	
Insecticide						
Insecticide - Midge	1	Acre	\$3.00	\$3.00	\$1,500.00	
Machinery Labor						
Tractors/Self-Propelled	0.23	Hour	\$12.00	\$2.76	\$1,380.00	
Diesel Fuel						
Tractors/Self-Propelled	2.15	Gallon	\$3.60	\$7.74	\$3,870.00	
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$5.86	\$5.86	\$2,931.07	
Implements	1	Acre	\$6.37	\$6.37	\$3,184.67	
Interest on Credit Line				8.00%	\$8.34	\$4,171.67
Total Variable Costs				\$247.82	\$123,912.42	
Planned Returns Above Variable Costs:				\$134.68	\$67,337.58	
Breakeven Price to Cover Variable Costs			\$5.51	CWT		
<b>FIXED COSTS</b>						
	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$6.57	\$6.57	\$3,283.69	
Implements	1	Acre	\$8.73	\$8.73	\$4,365.98	
Equipment Investment						
Tractors/Self-Propelled	\$50.93	Dollars	8.00%	\$4.07	\$2,037.01	
Implements	\$37.35	Dollars	8.00%	\$2.99	\$1,494.14	
Dryland Crop Rent						
	1	Acre	\$30.00	\$30.00	\$15,000.00	
Total Fixed Costs				\$52.36	\$26,180.82	
Total Specified Costs				\$300.19	\$150,093.23	
Returns Above Specified Costs				\$82.31	\$41,156.77	
Breakeven Price to Cover Total Costs			\$6.67	CWT		

Developed by Jason Johnson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 254-968-4144.

**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.**