

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2024 Estimated Costs and Returns per Acre**  
**No-Till Dryland Sorghum, Follow Cotton**  
**West Central Extension District - 7**

Crop Acres		400				Enterprise	
REVENUE		Quantity	Units	\$/Unit	Total	Total	
Sorghum		22.00	CWT	\$8.93	\$196.46	\$78,584.00	
Total Revenue					\$196.46	\$78,584.00	
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						Total	
Herbicide							
	Husky	14.5	Ounce	\$0.89	\$12.86	\$5,142.97	
	Glyphosate	32	Ounce	\$0.13	\$4.25	\$1,700.00	
	Atrazine	1	Quart	\$3.43	\$3.43	\$1,370.00	
Fertilizer							
	Nitrogen Dry-Urea	30	Pounds	\$0.62	\$18.60	\$7,440.00	
	Phos (11-52-0 DRY MAT)	20	Pounds	\$1.29	\$25.80	\$10,320.00	
Custom							
	Soil Test-Dryland	1	Each	\$0.25	\$0.25	\$100.00	
	Custom Harvest Sorghum	1	Acre	\$34.49	\$34.49	\$13,796.00	
	Custom Haul Sorghum	39.3	Bushels	\$0.24	\$9.43	\$3,772.80	
Insecticide							
	Sivanto	5.5	Ounce	\$2.67	\$14.67	\$5,869.53	
Miscellaneous							
	GS RP 70%, Ent	1	Acre	\$3.75	\$3.75	\$1,500.00	
Seed							
	Grain Sorghum - Treated	5	Pounds	\$3.98	\$19.90	\$7,960.00	
Machinery Labor							
	Tractors/Self-Propelled	0.18	Hour	\$17.21	\$3.10	\$1,239.12	
Diesel Fuel							
	Tractors/Self-Propelled	0.97	Gallon	\$3.60	\$3.49	\$1,396.80	
Gasoline							
	Pickup/General Use Equipment	1	Acre	\$2.18	\$2.18	\$871.02	
Repairs & Maintenance							
	Pickup/General Use Equipment	1	Acre	\$0.82	\$0.82	\$328.50	
	Tractors/Self-Propelled	1	Acre	\$2.17	\$2.17	\$866.98	
	Implements	1	Acre	\$2.07	\$2.07	\$827.74	
	Interest on Credit Line			8.00%	\$4.40	\$1,759.21	
Total Variable Costs					\$165.65	\$66,260.67	
Planned Returns Above Variable Costs:					\$30.81	\$12,323.33	
Breakeven Price to Cover Variable Costs				\$7.53	CWT		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation						Total	
	Pickup/General Use Equipment	1	Acre	\$1.74	\$1.74	\$696.60	
	Tractors/Self-Propelled	1	Acre	\$2.99	\$2.99	\$1,197.42	
	Implements	1	Acre	\$3.42	\$3.42	\$1,369.31	
Equipment Investment							
	Pickup/General Use Equipment	\$9.65	Dollars	8.00%	\$0.77	\$308.88	
	Tractors/Self-Propelled	\$22.89	Dollars	8.00%	\$1.83	\$732.59	
	Implements	\$14.64	Dollars	8.00%	\$1.17	\$468.61	
	Management Fee, Owner/Operator Labor	1	Acre	\$10.00	\$10.00	\$4,000.00	
	Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$14,000.00	
Total Fixed Costs					\$56.93	\$22,773.40	
Total Specified Costs					\$222.59	\$89,034.07	
Returns Above Specified Costs						(\$26.13)	(\$10,450.07)
Breakeven Price to Cover Total Costs				\$10.12	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$10.04	\$13.49
90%	19.80	\$8.37	\$11.24
100%	22.00	\$7.53	\$10.12
110%	24.20	\$6.85	\$9.20
125%	27.50	\$6.02	\$8.09

Developed by Jeffrey Wright, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

**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.**