

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2016 Estimated Costs and Returns per Acre**  
**No-Till Dryland Sorghum, Follow Cotton - 400 Acres**  
**West Central Extension District - 7**

Crop Acres		400				
		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>REVENUE</b>						
Sorghum		22.00	CWT	\$6.45	\$141.90	\$56,760.00
Total Revenue					\$141.90	\$56,760.00
<b>VARIABLE COSTS</b>						
<b>Production Costs</b>						
Herbicide						
Husky		14.5	Ounce	\$0.84	\$12.23	\$4,893.75
Glyphosate		32	Ounce	\$0.12	\$3.69	\$1,474.56
Atrazine		1	Quart	\$3.63	\$3.63	\$1,450.00
Seed						
Seed Sorghum		5	Pounds	\$5.00	\$25.00	\$10,000.00
Fertilizer						
Phosphate		20	Pounds	\$0.37	\$7.33	\$2,933.33
Nitrogen Dry-Urea		30	Pounds	\$0.42	\$12.72	\$5,086.96
Custom						
Soil Test-Dryland		1	Each	\$0.25	\$0.25	\$100.00
Custom Harvest Sorghum		1	Acre	\$25.00	\$25.00	\$10,000.00
Custom Haul Sorghum		39.3	Bushels	\$0.20	\$7.86	\$3,144.00
Miscellaneous						
GS RP 65%, YA		1	Acre	\$10.55	\$10.55	\$4,220.00
SCO-Grain Sorghum		0	Acre	\$4.41	\$0.00	\$0.00
Insecticide						
Transform		1	Ounce	\$7.78	\$7.78	\$3,112.50
Machinery Labor						
Tractors/Self-Propelled		0.77	Hour	\$12.00	\$9.24	\$3,696.00
Diesel Fuel						
Tractors/Self-Propelled		2.97	Gallon	\$1.50	\$4.46	\$1,782.00
Gasoline						
Pickup/General Use Equipment		1	Acre	\$1.63	\$1.63	\$651.60
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$0.82	\$0.82	\$328.50
Tractors/Self-Propelled		1	Acre	\$5.66	\$5.66	\$2,263.78
Implements		1	Acre	\$6.97	\$6.97	\$2,788.86
Interest on Credit Line				6.50%	\$3.00	\$1,199.41
Total Variable Costs					\$147.81	\$59,125.25
Planned Returns Above Variable Costs:					(\$5.91)	(\$2,365.25)
Breakeven Price to Cover Variable Costs				\$6.72	CWT	
<b>FIXED COSTS</b>						
Machinery Depreciation						
Pickup/General Use Equipment		1	Acre	\$1.74	\$1.74	\$696.60
Tractors/Self-Propelled		1	Acre	\$7.29	\$7.29	\$2,917.47
Implements		1	Acre	\$9.59	\$9.59	\$3,835.17
Equipment Investment						
Pickup/General Use Equipment		\$9.65	Dollars	6.50%	\$0.63	\$250.97
Tractors/Self-Propelled		\$56.09	Dollars	6.50%	\$3.65	\$1,458.41
Implements		\$41.01	Dollars	6.50%	\$2.67	\$1,066.39
Rent-Dryland Crop		1	Acre	\$35.00	\$35.00	\$14,000.00
Total Fixed Costs					\$60.56	\$24,225.00
Total Specified Costs					\$208.38	\$83,350.25
Returns Above Specified Costs					(\$66.48)	(\$26,590.25)
Breakeven Price to Cover Total Costs				\$9.47	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	0.00	\$8.96	\$12.63
90%	0.00	\$7.47	\$10.52
100%	0.00	\$6.72	\$9.47
110%	0.00	\$6.11	\$8.61
125%	0.00	\$5.38	\$7.58

Developed by Bill Thompson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension Service.

**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.**