

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 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	Total
Sorghum	22.00	CWT	\$6.65	\$146.30	\$58,520.00	\$58,520.00
Total Revenue				\$146.30	\$58,520.00	\$58,520.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Herbicide						
Husky	14.5	Ounce	\$0.88	\$12.80	\$5,120.31	
Glyphosate	32	Ounce	\$0.13	\$4.16	\$1,664.00	
Atrazine	1	Quart	\$3.38	\$3.38	\$1,350.00	
Seed						
Seed Sorghum	5	Pounds	\$6.00	\$30.00	\$12,000.00	
Fertilizer						
Nitrogen Dry-Urea	30	Pounds	\$0.37	\$11.10	\$4,440.00	
Phosphate	20	Pounds	\$0.27	\$5.42	\$2,166.67	
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	\$0.27	\$10.61	\$4,244.40	
Miscellaneous						
GS RP 70%, YE, ENT	1	Acre	\$4.85	\$4.85	\$1,940.00	
SCO-Grain Sorghum	0	0	\$0.00	\$0.00	\$0.00	
Insecticide						
Sivanto	5.5	Ounce	\$2.54	\$13.97	\$5,588.00	
Machinery Labor						
Tractors/Self-Propelled	0.5	Hour	\$12.00	\$6.00	\$2,400.00	
Diesel Fuel						
Tractors/Self-Propelled	3.03	Gallon	\$2.15	\$6.51	\$2,605.80	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$1.82	\$1.82	\$727.92	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$0.82	\$0.82	\$328.50	
Tractors/Self-Propelled	1	Acre	\$6.21	\$6.21	\$2,483.20	
Implements	1	Acre	\$6.18	\$6.18	\$2,473.20	
Interest on Credit Line			6.00%	\$3.22	\$1,289.18	
Total Variable Costs				\$152.30	\$60,921.18	\$60,921.18
Planned Returns Above Variable Costs:						
Breakeven Price to Cover Variable Costs			\$6.92	CWT	(\$6.00)	(\$2,401.18)
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$1.74	\$1.74	\$696.60	
Tractors/Self-Propelled	1	Acre	\$7.95	\$7.95	\$3,181.23	
Implements	1	Acre	\$8.55	\$8.55	\$3,419.10	
Equipment Investment						
Pickup/General Use Equipment	\$9.65	Dollars	6.00%	\$0.58	\$231.66	
Tractors/Self-Propelled	\$61.18	Dollars	6.00%	\$3.67	\$1,468.24	
Implements	\$36.57	Dollars	6.00%	\$2.19	\$877.57	
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				\$69.69	\$27,874.40	\$27,874.40
Total Specified Costs				\$221.99	\$88,795.58	\$88,795.58
Returns Above Specified Costs					(\$75.69)	(\$30,275.58)
Breakeven Price to Cover Total Costs			\$10.09	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$9.23	\$13.45
90%	19.80	\$7.69	\$11.21
100%	22.00	\$6.92	\$10.09
110%	24.20	\$6.29	\$9.17
125%	27.50	\$5.54	\$8.07

Developed by Bill Thompson, Associate 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.