

Projections for Planning Purposes Only -- Not to be Used without Updating
2022 Estimated Costs and Returns per Acre
No-Till Dryland Sorghum, Follow Cotton
West Central Extension District - 7

Crop Acres		400						
				Total	Enterprise Total			
REVENUE				Quantity	Units	\$/Unit	Total	Enterprise Total
Sorghum				22.00	CWT	\$9.11	\$200.42	\$80,168.00
Total Revenue							\$200.42	\$80,168.00
VARIABLE COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs								
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	\$0.41	\$12.30	\$4,920.00
Phos (11-52-0 DRY MAT)				20	Pounds	\$0.66	\$13.20	\$5,280.00
Custom								
Soil Test-Dryland				1	Each	\$0.25	\$0.25	\$100.00
Custom Harvest Sorghum				1	Acre	\$23.33	\$23.33	\$9,332.00
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	\$16.12	\$2.90	\$1,160.64
Diesel Fuel								
Tractors/Self-Propelled				0.97	Gallon	\$2.67	\$2.59	\$1,035.96
Gasoline								
Pickup/General Use Equipment				1	Acre	\$1.87	\$1.87	\$747.00
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						6.30%	\$2.94	\$1,177.27
Total Variable Costs							\$132.73	\$53,091.39
Planned Returns Above Variable Costs:							\$67.69	\$27,076.61
Breakeven Price to Cover Variable Costs						\$6.03	CWT	
FIXED COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation								
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	6.30%	\$0.61	\$243.24
Tractors/Self-Propelled				\$22.89	Dollars	6.30%	\$1.44	\$576.91
Implements				\$14.64	Dollars	6.30%	\$0.92	\$369.03
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							\$56.13	\$22,452.51
Total Specified Costs							\$188.86	\$75,543.90
Returns Above Specified Costs							\$11.56	\$4,624.10
Breakeven Price to Cover Total Costs						\$8.58	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$8.04	\$11.45
90%	19.80	\$6.70	\$9.54
100%	22.00	\$6.03	\$8.58
110%	24.20	\$5.48	\$7.80
125%	27.50	\$4.83	\$6.87

Developed by Bill Thompson, 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.