

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
No-Till Dryland Sorghum, Follow Cotton - 400 Acres
West Central Extension District - 7

Crop Acres		400			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Sorghum	22.00	CWT	\$6.00	\$132.00	\$52,800.00
Total Revenue				\$132.00	\$52,800.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Husky	14.5	Ounce	\$0.88	\$12.80	\$5,120.31
Glyphosate	32	Ounce	\$0.07	\$2.24	\$896.00
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	\$0.39	\$11.74	\$4,695.65
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					
SCO-Grain Sorghum	0	Acre	\$4.41	\$0.00	\$0.00
GS RP 70%, YE, ENT	1	Acre	\$5.11	\$5.11	\$2,044.00
Insecticide					
Sivanto	5.5	Ounce	\$2.47	\$13.60	\$5,439.84
Machinery Labor					
Tractors/Self-Propelled	0.5	Hour	\$12.00	\$6.00	\$2,400.00
Diesel Fuel					
Tractors/Self-Propelled	2.97	Gallon	\$1.75	\$5.20	\$2,079.00
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	\$6.24	\$6.24	\$2,494.72
Implements	1	Acre	\$6.69	\$6.69	\$2,677.67
Interest on Credit Line			5.25%	\$2.60	\$1,040.99
Total Variable Costs				\$149.32	\$59,729.35
Planned Returns Above Variable Costs:					
Breakeven Price to Cover Variable Costs				\$6.79	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	\$8.16	\$8.16	\$3,264.53
Implements	1	Acre	\$9.23	\$9.23	\$3,690.65
Equipment Investment					
Pickup/General Use Equipment	\$9.65	Dollars	5.25%	\$0.51	\$202.70
Tractors/Self-Propelled	\$62.71	Dollars	5.25%	\$3.29	\$1,316.89
Implements	\$39.47	Dollars	5.25%	\$2.07	\$828.86
Management Fee, Owner/Operator Labor					
Rent-Dryland Crop	1	Acre	\$10.00	\$10.00	\$4,000.00
Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$14,000.00
Total Fixed Costs				\$70.00	\$28,000.24
Total Specified Costs				\$219.32	\$87,729.59
Returns Above Specified Costs					
Breakeven Price to Cover Total Costs				\$9.97	CWT

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$9.05	\$13.29
90%	19.80	\$7.54	\$11.08
100%	22.00	\$6.79	\$9.97
110%	24.20	\$6.17	\$9.06
125%	27.50	\$5.43	\$7.98

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.