

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Dryland Sorghum - 100 Acres
Southwest Extension District - 10

Crop Acres		100		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Sorghum	30.00	CWT	\$5.54	\$166.20	\$16,620.00
Total Revenue				\$166.20	\$16,620.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Herbicide					
Atrazine 4L	4	Pint	\$1.92	\$7.68	\$768.00
Seed					
Sorghum Concept Seed	4	Pound	\$3.50	\$14.00	\$1,400.00
Fertilizer					
UAN(32% N)	0.88	CWT	\$12.00	\$10.56	\$1,056.00
Fertilizer 18-46-0	65	Pound	\$0.22	\$14.30	\$1,430.00
Custom					
Haul Sorghum	30	CWT	\$0.18	\$5.40	\$540.00
Miscellaneous					
Crop Insurance - Grain Sorghum Dry	1	Acre	\$11.00	\$11.00	\$1,100.00
Miscellaneous Sorghum Overhead	1	Acre	\$4.00	\$4.00	\$400.00
Insecticide					
Lorsban 4E	1	Pint	\$5.03	\$5.03	\$503.00
Dimethoate 4E	0.5	Pint	\$5.50	\$2.75	\$275.00
Machinery Labor					
Tractors/Self-Propelled	1.34	Hour	\$12.00	\$16.08	\$1,608.00
Diesel Fuel					
Tractors/Self-Propelled	9.75	Gallon	\$1.83	\$17.84	\$1,784.25
Gasoline					
Pickup/General Use Equipment	1	Acre	\$20.22	\$20.22	\$2,022.28
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$483.84
Tractors/Self-Propelled	1	Acre	\$28.69	\$28.69	\$2,868.70
Implements	1	Acre	\$16.77	\$16.77	\$1,676.74
Interest on Credit Line			6.50%	\$5.29	\$529.23
Total Variable Costs				\$184.45	\$18,445.04
Planned Returns Above Variable Costs:				(\$18.25)	(\$1,825.04)
Breakeven Price to Cover Variable Costs			\$6.15 CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$2,520.00
Tractors/Self-Propelled	1	Acre	\$30.46	\$30.46	\$3,046.24
Implements	1	Acre	\$20.34	\$20.34	\$2,034.12
Equipment Investment					
Pickup/General Use Equipment	\$105.00	Dollars	6.50%	\$6.83	\$682.50
Tractors/Self-Propelled	\$232.27	Dollars	6.50%	\$15.10	\$1,509.79
Implements	\$95.69	Dollars	6.50%	\$6.22	\$621.99
Dryland Winter Garden Rent	1	Acre	\$20.00	\$20.00	\$2,000.00
Total Fixed Costs				\$124.15	\$12,414.65
Total Specified Costs				\$308.60	\$30,859.68
Returns Above Specified Costs				(\$142.40)	(\$14,239.68)
Breakeven Price to Cover Total Costs			\$10.29 CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	22.50	\$8.20	\$13.72
90%	27.00	\$6.83	\$11.43
100%	30.00	\$6.15	\$10.29
110%	33.00	\$5.59	\$9.35
125%	37.50	\$4.92	\$8.23

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

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.