

**2023 Estimated Costs and Returns per Acre
Irrigated Sorghum
Southwest Extension District - 10**

Crop Acres		122			
				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Sorghum	65.00	CWT	\$10.36	\$673.40	\$82,154.80
Total Revenue				\$673.40	\$82,154.80
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Seed					
Sorghum Concept Seed	8	Pound	\$3.90	\$31.20	\$3,806.40
Fertilizer					
UAN(32% N)	1.77	CWT	\$17.08	\$30.23	\$3,688.26
Fertilizer 18-46-0	130	Pound	\$0.35	\$45.50	\$5,551.00
Custom					
Haul Sorghum	65	CWT	\$0.18	\$11.70	\$1,427.40
Herbicide					
Atrazine 4L	4	Pint	\$1.75	\$7.00	\$854.00
Prowl H2O	2.5	Pint	\$6.09	\$15.23	\$1,858.59
Insecticide					
Lorsban 4E	1	Pint	\$4.52	\$4.52	\$551.32
Dimethoate 4E	1	Pint	\$5.69	\$5.69	\$693.88
Miscellaneous					
Crop Insurance - Grain Sorghum I	1	Acre	\$17.00	\$17.00	\$2,074.00
Miscellaneous Sorghum Overhea	1	Acre	\$4.00	\$4.00	\$488.00
Irrigation					
Energy Cost	561.00	kWh	\$0.17	\$95.37	\$11,635.14
Irrigation Labor	0.07	Hour	\$17.50	\$1.19	\$145.18
Machinery Labor					
Tractors/Self-Propelled	0.77	Hour	\$17.21	\$13.25	\$1,616.71
Other Labor	0.16	Hour	\$17.21	\$2.75	\$335.94
Diesel Fuel					
Tractors/Self-Propelled	5.98	Gallon	\$2.24	\$13.40	\$1,634.21
Gasoline					
Pickup/General Use Equipment	1	Acre	\$20.23	\$20.23	\$2,467.54
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$590.37
Irrigation Equipment	1	Acre	\$5.29	\$5.29	\$645.13
Tractors/Self-Propelled	1	Acre	\$20.55	\$20.55	\$2,506.54
Implements	1	Acre	\$10.66	\$10.66	\$1,300.60
Interest on Credit Line			8.00%	\$15.24	\$1,859.80
Total Variable Costs				\$374.84	\$45,730.01
Planned Returns Above Variable Costs:				\$298.56	\$36,424.79
Breakeven Price to Cover Variable Costs			\$5.77 CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$3,074.85
Irrigation Equipment	1	Acre	\$80.58	\$80.58	\$9,831.25
Tractors/Self-Propelled	1	Acre	\$21.45	\$21.45	\$2,616.96
Implements	1	Acre	\$13.15	\$13.15	\$1,604.53
Equipment Investment					
Pickup/General Use Equipment	\$105.02	Dollars	8.00%	\$8.40	\$1,024.95
Irrigation Equipment	\$646.00	Dollars	8.00%	\$51.68	\$6,305.00
Tractors/Self-Propelled	\$164.00	Dollars	8.00%	\$13.12	\$1,600.59
Implements	\$60.84	Dollars	8.00%	\$4.87	\$593.76
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$268.46	\$32,751.90
Total Specified Costs				\$643.29	\$78,481.91
Returns Above Specified Costs				\$30.11	\$3,672.89
Breakeven Price to Cover Total Costs			\$9.90 CWT		

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

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.