

**2024 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	\$8.93	\$580.45	\$70,814.90	
<b>Total Revenue</b>				<b>\$580.45</b>	<b>\$70,814.90</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
<b>Production Costs</b>						
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 Overheac	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	\$3.60	\$21.53	\$2,626.42	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$30.48	\$30.48	\$3,719.03	
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%	\$16.05	\$1,958.54	
<b>Total Variable Costs</b>				<b>\$394.04</b>	<b>\$48,072.43</b>	
Planned Returns Above Variable Costs:				\$186.41	\$22,742.47	
Breakeven Price to Cover Variable Costs			\$6.06 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	
<b>Total Fixed Costs</b>				<b>\$268.46</b>	<b>\$32,751.90</b>	
<b>Total Specified Costs</b>				<b>\$662.49</b>	<b>\$80,824.34</b>	
Returns Above Specified Costs				<b>(\$82.04)</b>	<b>(\$10,009.44)</b>	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$10.19 CWT</b>			

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.**