

**2023 Estimated Costs and Returns per Acre  
Sorghum - Conventional Till-24 Row, Irrigated, 100 bu. Yield Goal  
Coastal Bend Extension District - 11**

Crop Acres		505			Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Grain Sorghum, Lower Coast	100.00	Bushel	\$5.10	\$510.00	\$257,550.00	
<b>Total Revenue</b>				<b>\$510.00</b>	<b>\$257,550.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Production Costs</b>						
Custom				<b>\$33.39</b>		
Fertilizer Application	1	Ounce	\$0.16	\$0.16	\$80.30	
Custom Haul - Sorghum	57	CWT	\$0.58	\$33.23	\$16,781.66	
Fertilizer				<b>\$130.75</b>		
24-8-0	0.227	Ton	\$576.00	\$130.75	\$66,029.76	
Herbicide				<b>\$25.92</b>		
Atrazine 4L	2	Quart	\$5.75	\$11.50	\$5,807.50	
Sorghum PreEmerge Herbicide	14	Ounce	\$1.03	\$14.42	\$7,282.10	
Insecticide				<b>\$13.51</b>		
Headworn Control	2.6	Ounce	\$1.70	\$4.42	\$2,232.10	
Transform	1	Ounce	\$8.19	\$8.19	\$4,137.87	
Stinkbug Control	2	Ounce	\$0.45	\$0.90	\$454.50	
Miscellaneous				<b>\$4.29</b>		
Crop Insurance - Irr Sorghum	1	Thousand	\$0.18	\$0.18	\$91.00	
Pickup Milage Charge	1	Acre	\$4.11	\$4.11	\$2,076.96	
Seed				<b>\$16.96</b>		
Treated Sorghum Seed	5	Pound	\$3.39	\$16.96	\$8,564.80	
Other Labor				<b>\$0.68</b>		
Hand Labor	0.04	Hour	\$16.96	\$0.68	\$342.59	
Irrigation				<b>\$47.25</b>		
Energy Cost	10.00	AcreInch	\$2.10	\$21.00	\$10,605.00	
Irrigation Labor	1.50	Hour	\$17.50	\$26.25	\$13,256.25	
Machinery Labor				<b>\$8.09</b>		
Tractors/Self-Propelled	0.47	Hour	\$17.21	\$8.09	\$4,084.79	
Diesel Fuel				<b>\$12.01</b>		
Tractors/Self-Propelled	5.36	Gallon	\$2.24	\$12.01	\$6,063.23	
Repairs & Maintenance				<b>\$54.33</b>		
Irrigation Equipment	1	Acre	\$25.08	\$25.08	\$12,666.67	
Tractors/Self-Propelled	1	Acre	\$20.29	\$20.29	\$10,245.52	
Implements	1	Acre	\$8.96	\$8.96	\$4,523.50	
Interest on Credit Line			8.00%	\$14.22	\$7,181.14	
<b>Total Variable Costs</b>				<b>\$361.40</b>	<b>\$182,507.25</b>	
Planned Returns Above Variable Costs:				\$148.60	\$75,042.75	
Breakeven Price to Cover Variable Costs			\$3.61	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation				<b>\$61.76</b>		
Irrigation Equipment	1	Acre	\$28.18	\$28.18	\$14,233.33	
Tractors/Self-Propelled	1	Acre	\$22.26	\$22.26	\$11,242.86	
Implements	1	Acre	\$11.31	\$11.31	\$5,711.85	
Equipment Investment				<b>\$43.5</b>		
Irrigation Equipment	\$293.56	Dollars	8.00%	\$23.49	\$11,860.00	
Tractors/Self-Propelled	\$170.37	Dollars	8.00%	\$13.63	\$6,882.86	
Implements	\$79.82	Dollars	8.00%	\$6.39	\$3,224.92	
Management Fee, Owner/Operator Labor	1	Acre	\$25.50	\$25.50	\$12,877.50	
LCB - Land Charge	1	Acre	\$70.00	\$70.00	\$35,350.00	
<b>Total Fixed Costs</b>				<b>\$200.76</b>	<b>\$101,383.32</b>	
<b>Total Specified Costs</b>				<b>\$562.16</b>	<b>\$283,890.56</b>	
Returns Above Specified Costs					<b>(\$52.16)</b>	<b>(\$26,340.56)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$5.62</b>	Bushel		

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.**