

**2024 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	\$8.60	\$860.00	\$434,300.00	
Total Revenue				\$860.00	\$434,300.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						
Custom				\$34.4		
Fertilizer Application	1	Ounce	\$0.20	\$0.20	\$101.00	
Custom Haul - Sorghum	57	CWT	\$0.60	\$34.20	\$17,271.00	
Fertilizer				\$71.59		
24-8-0	0.227	Ton	\$315.36	\$71.59	\$36,151.29	
Herbicide				\$23.3		
Atrazine 4L	2	Quart	\$5.00	\$10.00	\$5,050.00	
Sorghum PreEmerge Herbicide	14	Ounce	\$0.95	\$13.30	\$6,716.50	
Insecticide				\$13.84		
Headworn Control	2.6	Ounce	\$1.70	\$4.42	\$2,232.10	
Transform	1	Ounce	\$8.50	\$8.50	\$4,292.50	
Stinkbug Control	2	Ounce	\$0.46	\$0.92	\$464.60	
Miscellaneous				\$4.31		
Crop Insurance - Irr Sorghum	1	Thousand	\$0.20	\$0.20	\$101.00	
Pickup Milage Charge	1	Acre	\$4.11	\$4.11	\$2,076.96	
Seed				\$20.4		
Treated Sorghum Seed	5	Pound	\$4.08	\$20.40	\$10,302.00	
Other Labor				\$0.68		
Hand Labor	0.04	Hour	\$16.96	\$0.68	\$342.59	
Irrigation				\$126.91		
Energy Cost	10.00	AcreInch	\$10.00	\$100.00	\$50,500.00	
Irrigation Labor	1.50	Hour	\$17.94	\$26.91	\$13,589.55	
Machinery Labor				\$8.3		
Tractors/Self-Propelled	0.47	Hour	\$17.65	\$8.30	\$4,189.23	
Diesel Fuel				\$16.08		
Tractors/Self-Propelled	5.36	Gallon	\$3.00	\$16.08	\$8,120.40	
Repairs & Maintenance				\$54.33		
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			9.00%	\$15.22	\$7,683.59	
Total Variable Costs				\$389.35	\$196,620.01	
Planned Returns Above Variable Costs:				\$470.65	\$237,679.99	
Breakeven Price to Cover Variable Costs			\$3.89	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation				\$61.76		
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				\$48.94		
Irrigation Equipment	\$293.56	Dollars	9.00%	\$26.42	\$13,342.50	
Tractors/Self-Propelled	\$170.37	Dollars	9.00%	\$15.33	\$7,743.21	
Implements	\$79.82	Dollars	9.00%	\$7.18	\$3,628.03	
Management Fee, Owner/Operator Labor	1	Acre	\$43.00	\$43.00	\$21,715.00	
LCB - Land Charge	1	Acre	\$70.00	\$70.00	\$35,350.00	
Total Fixed Costs				\$223.70	\$112,966.79	
Total Specified Costs				\$613.04	\$309,586.80	
Returns Above Specified Costs				\$246.96	\$124,713.20	
Breakeven Price to Cover Total Costs			\$6.13	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.