

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2025 Estimated Costs and Returns per Acre
Sorghum - Conventional Till-24 Row, Irrigated, 100 bu. Yield Goal
Coastal Bend Extension District - 11

Crop Acres		505				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Grain Sorghum, Lower Coast		100.00	Bushel	\$4.30	\$430.00	\$217,150.00
Total Revenue					\$430.00	\$217,150.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Custom					\$20.32	
Fertilizer Application		1	Ounce	\$0.37	\$0.37	\$186.85
Custom Haul - Sorghum		57	CWT	\$0.35	\$19.95	\$10,074.75
Fertilizer					\$78.32	
24-8-0		0.227	Ton	\$345.00	\$78.32	\$39,549.08
Herbicide					\$19.98	
Atrazine 4L		2	Quart	\$4.25	\$8.50	\$4,292.50
Sorghum PreEmerge Herbicide		14	Ounce	\$0.82	\$11.48	\$5,797.40
Insecticide					\$12.46	
Headworn Control		2.6	Ounce	\$1.17	\$3.04	\$1,536.21
Transform		1	Ounce	\$8.50	\$8.50	\$4,292.50
Stinkbug Control		2	Ounce	\$0.46	\$0.92	\$464.60
Miscellaneous					\$4.51	
Crop Insurance - Irr Sorghum		1	Thousand	\$0.40	\$0.40	\$202.00
Pickup Milage Charge		1	Acre	\$4.11	\$4.11	\$2,076.96
Seed					\$16	
Treated Sorghum Seed		5	Pound	\$3.20	\$16.00	\$8,080.00
Other Labor					\$0.71	
Hand Labor		0.04	Hour	\$17.75	\$0.71	\$358.55
Irrigation					\$174	
Energy Cost		10.00	AcreInch	\$15.00	\$150.00	\$75,750.00
Irrigation Labor		1.50	Hour	\$16.00	\$24.00	\$12,120.00
Machinery Labor					\$7.52	
Tractors/Self-Propelled		0.47	Hour	\$16.00	\$7.52	\$3,797.60
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				8.60%	\$14.82	\$7,482.06
Total Variable Costs					\$419.04	\$211,617.15
Planned Returns Above Variable Costs:					\$10.96	\$5,532.85
Breakeven Price to Cover Variable Costs				\$4.19	Bushel	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
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					\$46.76	
Irrigation Equipment		\$293.56	Dollars	8.60%	\$25.25	\$12,749.50
Tractors/Self-Propelled		\$170.37	Dollars	8.60%	\$14.65	\$7,399.07
Implements		\$79.82	Dollars	8.60%	\$6.86	\$3,466.79
Management Fee, Owner/Operator Labor		1	Acre	\$21.50	\$21.50	\$10,857.50
LCB - Land Charge		1	Acre	\$70.00	\$70.00	\$35,350.00
Total Fixed Costs					\$200.02	\$101,010.90
Total Specified Costs					\$619.07	\$312,628.05
Returns Above Specified Costs					(\$189.07)	(\$95,478.05)
Breakeven Price to Cover Total Costs				\$6.19	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	75.00	\$5.59	\$8.25
90%	90.00	\$4.66	\$6.88
100%	100.00	\$4.19	\$6.19
110%	110.00	\$3.81	\$5.63
125%	125.00	\$3.35	\$4.95

Developed by Yuri Calil, Assistant Professor & Extension Economist, Texas A&M AgriLife Extension, 361-265-9203.

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.