

Projections for Planning Purposes Only -- Not to be Used without Updating
2025 Estimated Costs and Returns per Acre
Sorghum - Conventional Till-12 Row, Dryland, 90 bu. Yield Goal - Upper Coast
Coastal Bend Extension District - 11

Crop Acres		500		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Grain Sorghum, Upper Coast	90.00	Bushel	\$4.30	\$387.00	\$193,500.00
Total Revenue				\$387.00	\$193,500.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide				\$35.11	
Glyphosate (Generic)	2	Quart	\$4.00	\$8.00	\$4,000.00
2, 4D Amine`	1	Pint	\$2.88	\$2.88	\$1,440.00
Atrazine 4L`	2	Quart	\$4.25	\$8.50	\$4,250.00
Sorghum PreEmerge Herbicide	14	Ounce	\$0.82	\$11.48	\$5,740.00
Atrazine 4L	1	Quart	\$4.25	\$4.25	\$2,125.00
Seed				\$22.4	
Treated Sorghum Seed	7	Pound	\$3.20	\$22.40	\$11,200.00
Fertilizer				\$72.45	
24-8-0`	0.21	Ton	\$345.00	\$72.45	\$36,225.00
Custom				\$22.08	
Apply by Air	1	Acre	\$7.46	\$7.46	\$3,730.00
Custom Grain Haul	50.4	CWT	\$0.29	\$14.62	\$7,308.00
Miscellaneous				\$6	
Crop Insurance -Sorghum UC	1	Acre	\$6.00	\$6.00	\$3,000.00
Insecticide				\$8.53	
Transform	1	Ounce	\$8.50	\$8.50	\$4,250.00
Headworn Control	0.0285	Ounce	\$1.17	\$0.03	\$16.67
Other Labor				\$3.73	
Hand Labor	0.21	Hour	\$17.75	\$3.73	\$1,863.75
Machinery Labor				\$7.04	
Tractors/Self-Propelled	0.44	Hour	\$16.00	\$7.04	\$3,520.00
Diesel Fuel				\$14.25	
Tractors/Self-Propelled	4.75	Gallon	\$3.00	\$14.25	\$7,125.00
Repairs & Maintenance				\$23.67	
Tractors/Self-Propelled	1	Acre	\$15.46	\$15.46	\$7,727.66
Implements	1	Acre	\$8.21	\$8.21	\$4,106.24
Interest on Credit Line			8.60%	\$11.57	\$5,784.96
Total Variable Costs				\$226.82	\$113,412.28
Planned Returns Above Variable Costs:				\$160.18	\$80,087.72
Breakeven Price to Cover Variable Costs			\$2.52	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation				\$24.89	
Tractors/Self-Propelled	1	Acre	\$15.66	\$15.66	\$7,831.10
Implements	1	Acre	\$9.23	\$9.23	\$4,616.02
Equipment Investment				\$16.31	
Tractors/Self-Propelled	\$119.69	Dollars	8.60%	\$10.29	\$5,146.72
Implements	\$70.01	Dollars	8.60%	\$6.02	\$3,010.48
Management Fee, Owner/Operator Labor	1	Acre	\$19.35	\$19.35	\$9,675.00
UCB - Land Charge	1	Acre	\$85.00	\$85.00	\$42,500.00
Total Fixed Costs				\$145.56	\$72,779.32
Total Specified Costs				\$372.38	\$186,191.60
Returns Above Specified Costs				\$14.62	\$7,308.40
Breakeven Price to Cover Total Costs			\$4.14	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	67.50	\$3.36	\$5.52
90%	81.00	\$2.80	\$4.60
100%	90.00	\$2.52	\$4.14
110%	99.00	\$2.29	\$3.76
125%	112.50	\$2.02	\$3.31

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.