

2022 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
Total Revenue							\$510.00	\$257,550.00
VARIABLE COSTS				Quantity	Units	\$/Unit	Total	Total
Production Costs								
Custom								
Fertilizer Application				1	Ounce	\$0.15	\$0.15	\$75.75
Custom Haul - Sorghum				57	CWT	\$0.55	\$31.35	\$15,831.75
Fertilizer								
24-8-0				0.227	Ton	\$372.00	\$84.44	\$42,644.22
Herbicide								
Atrazine 4L				2	Quart	\$3.00	\$6.00	\$3,030.00
Sorghum PreEmerge Herbicide				14	Ounce	\$0.92	\$12.88	\$6,504.40
Insecticide								
Headworn Control				2.6	Ounce	\$1.16	\$3.02	\$1,523.08
Transform				1	Ounce	\$7.73	\$7.73	\$3,903.65
Stinkbug Control				2	Ounce	\$0.33	\$0.66	\$333.30
Miscellaneous								
Crop Insurance - Irr Sorghum				1	Thousand	\$0.17	\$0.17	\$85.85
Pickup Milage Charge				1	Acre	\$3.88	\$3.88	\$1,959.40
Seed								
Treated Sorghum Seed				5	Pound	\$3.20	\$16.00	\$8,080.00
Other Labor								
Hand Labor				0.04	Hour	\$16.00	\$0.64	\$323.20
Irrigation								
Energy Cost				10.00	AcreInch	\$2.10	\$21.00	\$10,605.00
Irrigation Labor				1.50	Hour	\$19.50	\$29.25	\$14,771.25
Machinery Labor								
Tractors/Self-Propelled				0.47	Hour	\$19.50	\$9.17	\$4,628.33
Diesel Fuel								
Tractors/Self-Propelled				5.36	Gallon	\$2.67	\$14.31	\$7,227.16
Repairs & Maintenance								
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						6.30%	\$8.98	\$4,535.74
Total Variable Costs							\$303.96	\$153,497.77
Planned Returns Above Variable Costs:							\$206.04	\$104,052.23
Breakeven Price to Cover Variable Costs						\$3.04	Bushel	
FIXED COSTS				Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation								
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								
Irrigation Equipment				\$293.56	Dollars	6.30%	\$18.49	\$9,339.75
Tractors/Self-Propelled				\$170.37	Dollars	6.30%	\$10.73	\$5,420.25
Implements				\$79.82	Dollars	6.30%	\$5.03	\$2,539.62
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
Total Fixed Costs							\$191.52	\$96,715.17
Total Specified Costs							\$495.47	\$250,212.93
Returns Above Specified Costs							\$14.53	\$7,337.07
Breakeven Price to Cover Total Costs						\$4.95	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.