

**2021 Estimated Costs and Returns per Acre**  
**Sorghum - Conventional Till-24 Row, Irrigated, 100 bu. Yield Goal**  
**Coastal Bend Extension District - 11**

Crop Acres		505				
		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>REVENUE</b>						
Grain Sorghum, Lower Coast		100.00	Bushel	\$3.60	\$360.00	\$181,800.00
Total Revenue					\$360.00	\$181,800.00
<b>VARIABLE COSTS</b>						
<b>Production Costs</b>						
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	\$266.00	\$60.38	\$30,492.91
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		0.8	Hour	\$19.50	\$15.60	\$7,878.00
Diesel Fuel						
Tractors/Self-Propelled		9.94	Gallon	\$2.20	\$21.87	\$11,043.34
Repairs & Maintenance						
Irrigation Equipment		1	Acre	\$25.08	\$25.08	\$12,666.67
Tractors/Self-Propelled		1	Acre	\$34.48	\$34.48	\$17,410.96
Implements		1	Acre	\$23.20	\$23.20	\$11,717.01
Interest on Credit Line				6.00%	\$8.53	\$4,308.13
Total Variable Costs					\$321.87	\$162,543.65
Planned Returns Above Variable Costs:					\$38.13	\$19,256.35
Breakeven Price to Cover Variable Costs				\$3.22	Bushel	
<b>FIXED COSTS</b>						
Machinery Depreciation						
Irrigation Equipment		1	Acre	\$28.18	\$28.18	\$14,233.33
Tractors/Self-Propelled		1	Acre	\$39.26	\$39.26	\$19,828.13
Implements		1	Acre	\$29.07	\$29.07	\$14,680.35
Equipment Investment						
Irrigation Equipment		\$293.56	Dollars	6.00%	\$17.61	\$8,895.00
Tractors/Self-Propelled		\$299.77	Dollars	6.00%	\$17.99	\$9,083.12
Implements		\$163.02	Dollars	6.00%	\$9.78	\$4,939.51
Management Fee, Owner/Operator Labor		1	Acre	\$18.00	\$18.00	\$9,090.00
LCB - Land Charge		1	Acre	\$70.00	\$70.00	\$35,350.00
Total Fixed Costs					\$229.90	\$116,099.44
Total Specified Costs					\$551.77	\$278,643.09
Returns Above Specified Costs					(\$191.77)	(\$96,843.09)
Breakeven Price to Cover Total Costs				\$5.52	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.**