

2021 Estimated Costs and Returns per Acre
Sorghum - Conventional Till-24 Row, Dryland, 72 bu. Yield Goal - Lower Coast
Coastal Bend Extension District - 11

Crop Acres		500			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Grain Sorghum, Lower Coast	72.00	Bushel	\$3.60	\$259.20	\$129,600.00
Total Revenue				\$259.20	\$129,600.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Fertilizer Application	1	Ounce	\$0.15	\$0.15	\$75.00
Custom Haul - Sorghum	42	CWT	\$0.55	\$23.10	\$11,550.00
Fertilizer					
24-8-0	0.165	Ton	\$266.00	\$43.89	\$21,945.00
Herbicide					
Atrazine 4L	2	Quart	\$3.00	\$6.00	\$3,000.00
Sorghum PreEmerge Herbicide	14	Ounce	\$0.92	\$12.88	\$6,440.00
Insecticide					
Headworn Control	2.6	Ounce	\$1.16	\$3.02	\$1,508.00
Transform	1	Ounce	\$7.73	\$7.73	\$3,865.00
Stinkbug Control	2	Ounce	\$0.33	\$0.66	\$330.00
Miscellaneous					
Crop Insurance -Sorghum LC	1	Acre	\$5.75	\$5.75	\$2,875.00
Pickup Milage Charge	1	Acre	\$3.88	\$3.88	\$1,940.00
Other Labor					
Hand Labor	0.04	Hour	\$16.00	\$0.64	\$320.00
Seed					
Treated Sorghum Seed	4.5	Pound	\$3.20	\$14.40	\$7,200.00
Machinery Labor					
Tractors/Self-Propelled	0.9	Hour	\$19.50	\$17.55	\$8,775.00
Diesel Fuel					
Tractors/Self-Propelled	10.81	Gallon	\$2.20	\$23.78	\$11,891.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$36.79	\$36.79	\$18,397.42
Implements	1	Acre	\$21.89	\$21.89	\$10,944.93
Interest on Credit Line			6.00%	\$6.27	\$3,136.99
Total Variable Costs				\$228.39	\$114,193.34
Planned Returns Above Variable Costs:				\$30.81	\$15,406.66
Breakeven Price to Cover Variable Costs			\$3.17	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$41.66	\$41.66	\$20,829.28
Implements	1	Acre	\$28.35	\$28.35	\$14,177.28
Equipment Investment					
Tractors/Self-Propelled	\$318.43	Dollars	6.00%	\$19.11	\$9,552.91
Implements	\$146.44	Dollars	6.00%	\$8.79	\$4,393.07
Management Fee, Owner/Operator Labor	1	Acre	\$12.96	\$12.96	\$6,480.00
LCB - Land Charge	1	Acre	\$70.00	\$70.00	\$35,000.00
Total Fixed Costs				\$180.87	\$90,432.55
Total Specified Costs				\$409.25	\$204,625.89
Returns Above Specified Costs				(\$150.05)	(\$75,025.89)
Breakeven Price to Cover Total Costs			\$5.68	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.