

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Sorghum - Conventional Till-12 Row, Dryland, 90 bu. Yield Goal
Coastal Bend Extension District - 11

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total		Total
Grain Sorghum, Upper Coast	90.00	Bushel	\$3.64	\$327.60		\$163,800.00
Total Revenue				\$327.60		\$163,800.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
Production Costs						
Herbicide						
Glyphosate (Generic)	2	Quart	\$3.38	\$6.76		\$3,380.00
2, 4D Amine`	1	Pint	\$1.43	\$1.43		\$715.00
Atrazine 4L`	2	Quart	\$3.00	\$6.00		\$3,000.00
Sorghum PreEmerge Herbicide	14	Ounce	\$0.92	\$12.88		\$6,440.00
Atrazine 4L	1	Quart	\$3.00	\$3.00		\$1,500.00
Seed						
Treated Sorghum Seed	7	Pound	\$3.20	\$22.40		\$11,200.00
Fertilizer						
24-8-0`	0.21	Ton	\$264.00	\$55.44		\$27,720.00
Custom						
Apply by Air	1	Acre	\$6.00	\$6.00		\$3,000.00
Custom Grain Haul	50.4	CWT	\$0.35	\$17.64		\$8,820.00
Miscellaneous						
Crop Insurance -Sorghum UC	1	Acre	\$6.32	\$6.32		\$3,160.00
Insecticide						
Transform	1	Ounce	\$7.73	\$7.73		\$3,865.00
Headworn Control	0.0285	Ounce	\$1.16	\$0.03		\$16.53
Other Labor						
Hand Labor	0.21	Hour	\$16.00	\$3.36		\$1,680.00
Machinery Labor						
Tractors/Self-Propelled	0.87	Hour	\$19.50	\$16.97		\$8,482.50
Diesel Fuel						
Tractors/Self-Propelled	9.81	Gallon	\$2.46	\$24.13		\$12,066.30
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$27.15	\$27.15		\$13,577.36
Implements	1	Acre	\$15.60	\$15.60		\$7,800.61
Interest on Credit Line			6.75%	\$9.14		\$4,569.21
Total Variable Costs				\$241.99		\$120,992.51
Planned Returns Above Variable Costs:				\$85.61		\$42,807.49
Breakeven Price to Cover Variable Costs			\$2.69	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$27.98	\$27.98		\$13,988.26
Implements	1	Acre	\$18.45	\$18.45		\$9,226.57
Equipment Investment						
Tractors/Self-Propelled	\$214.02	Dollars	6.00%	\$12.84		\$6,420.49
Implements	\$103.30	Dollars	6.00%	\$6.20		\$3,099.14
Management Fee, Owner/Operator Labor	1	Acre	\$16.38	\$16.38		\$8,190.00
UCB - Land Charge	1	Acre	\$85.00	\$85.00		\$42,500.00
Total Fixed Costs				\$166.85		\$83,424.46
Total Specified Costs				\$408.83		\$204,416.98
Returns Above Specified Costs					(\$81.23)	(\$40,616.98)
Breakeven Price to Cover Total Costs			\$4.54	Bushel		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	67.50	\$3.58	\$6.06
90%	81.00	\$2.99	\$5.05
100%	90.00	\$2.69	\$4.54
110%	99.00	\$2.44	\$4.13
125%	112.50	\$2.15	\$3.63

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.