

**2023 Estimated Costs and Returns per Acre
Grain Sorghum, Conventional Tillage, Furrow Irrigated, Rio Grande Valley
South Extension District - 12**

Crop Acres		100						
				Total	Enterprise Total			
REVENUE				Quantity	Units	\$/Unit	Total	Enterprise Total
Grain Sorghum				45.00	CWT	\$10.36	\$466.20	\$46,620.00
Total Revenue							\$466.20	\$46,620.00
VARIABLE COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs								
Herbicide								
AAtrex 4L				2	Pint	\$2.90	\$5.80	\$579.50
Seed								
Grain Sorghum Seed				6	Pound	\$3.00	\$18.00	\$1,800.00
Fertilizer								
UAN (32% N)				2.11	CWT	\$33.95	\$71.63	\$7,163.45
Custom								
Harvest/Haul Sorghum				45	CWT	\$0.98	\$43.88	\$4,387.50
Miscellaneous								
Insurance, Sorghum - Irrigated				1	Acre	\$14.00	\$14.00	\$1,400.00
Insecticide								
Transform				1	Ounce	\$9.34	\$9.34	\$934.34
Other Labor								
Unallocated Labor				0.7232	Hour	\$15.00	\$10.85	\$1,084.80
Irrigation								
Water Cost				0.80	Acre/Foot	\$41.00	\$32.80	\$3,280.00
Irrigation Labor				2.20	Hour	\$17.50	\$38.50	\$3,850.00
Machinery Labor								
Tractors/Self-Propelled				1.68	Hour	\$17.21	\$28.91	\$2,891.28
Diesel Fuel								
Tractors/Self-Propelled				10.58	Gallon	\$2.24	\$23.70	\$2,369.92
Repairs & Maintenance								
Tractors/Self-Propelled				1	Acre	\$23.87	\$23.87	\$2,386.53
Implements				1	Acre	\$19.63	\$19.63	\$1,962.72
Interest on Credit Line						8.00%	\$10.53	\$1,052.58
Total Variable Costs							\$351.43	\$35,142.62
Planned Returns Above Variable Costs:							\$114.77	\$11,477.38
Breakeven Price to Cover Variable Costs						\$7.81	CWT	
FIXED COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation								
Tractors/Self-Propelled				1	Acre	\$24.66	\$24.66	\$2,466.08
Implements				1	Acre	\$23.52	\$23.52	\$2,351.63
Equipment Investment								
Tractors/Self-Propelled				\$192.12	Dollars	8.00%	\$15.37	\$1,536.93
Implements				\$109.06	Dollars	8.00%	\$8.72	\$872.50
Cash Rent, Irrigated				1	Acre	\$85.00	\$85.00	\$8,500.00
Total Fixed Costs							\$157.27	\$15,727.14
Total Specified Costs							\$508.70	\$50,869.76
Returns Above Specified Costs							(\$42.50)	(\$4,249.76)
Breakeven Price to Cover Total Costs						\$11.30	CWT	

Developed by Samuel Zapata, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension, 956-968-5581.

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.