

**2022 Estimated Costs and Returns per Acre
Grain Sorghum, Conventional Tillage, Furrow Irrigated, Rio Grande Valley
South Extension District - 12**

Crop Acres		100			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Grain Sorghum	45.00	CWT	\$9.00	\$405.00	\$40,500.00
Total Revenue				\$405.00	\$40,500.00
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	\$15.00	\$33.00	\$3,300.00
Machinery Labor					
Tractors/Self-Propelled	1.68	Hour	\$15.00	\$25.20	\$2,520.00
Diesel Fuel					
Tractors/Self-Propelled	10.58	Gallon	\$3.07	\$32.48	\$3,248.06
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			5.00%	\$6.65	\$665.32
Total Variable Costs				\$347.12	\$34,712.22
Planned Returns Above Variable Costs:				\$57.88	\$5,787.78
Breakeven Price to Cover Variable Costs			\$7.71 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	7.00%	\$13.45	\$1,344.81
Implements	\$109.06	Dollars	7.00%	\$7.63	\$763.44
Cash Rent, Irrigated	1	Acre	\$85.00	\$85.00	\$8,500.00
Total Fixed Costs				\$154.26	\$15,425.96
Total Specified Costs				\$501.38	\$50,138.18
Returns Above Specified Costs				(\$96.38)	(\$9,638.18)
Breakeven Price to Cover Total Costs			\$11.14 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.