

**2022 Estimated Costs and Returns per Acre
Grain Sorghum, Reduced 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					
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
Herbicide					
Glyphosate	2	Pint	\$6.25	\$12.50	\$1,250.00
AAtrex 4L	2	Pint	\$2.90	\$5.80	\$579.50
Insecticide					
Transform	1	Ounce	\$9.34	\$9.34	\$934.34
Miscellaneous					
Insurance, Sorghum - Irrigated	1	Acre	\$14.00	\$14.00	\$1,400.00
Other Labor					
Unallocated Labor	0.22	Hour	\$15.00	\$3.30	\$330.00
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	0.97	Hour	\$15.00	\$14.55	\$1,455.00
Diesel Fuel					
Tractors/Self-Propelled	4.95	Gallon	\$3.07	\$15.20	\$1,519.65
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$9.60	\$9.60	\$960.01
Implements	1	Acre	\$10.55	\$10.55	\$1,054.71
Interest on Credit Line			5.00%	\$4.72	\$472.20
Total Variable Costs				\$298.86	\$29,886.37
Planned Returns Above Variable Costs:				\$106.14	\$10,613.63
Breakeven Price to Cover Variable Costs			\$6.64 CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$10.96	\$10.96	\$1,096.18
Implements	1	Acre	\$12.66	\$12.66	\$1,265.68
Equipment Investment					
Tractors/Self-Propelled	\$84.91	Dollars	7.00%	\$5.94	\$594.38
Implements	\$63.01	Dollars	7.00%	\$4.41	\$441.04
Cash Rent, Irrigated	1	Acre	\$85.00	\$85.00	\$8,500.00
Total Fixed Costs				\$118.97	\$11,897.29
Total Specified Costs				\$417.84	\$41,783.66
Returns Above Specified Costs				(\$12.84)	(\$1,283.66)
Breakeven Price to Cover Total Costs			\$9.29 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.