

**2021 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	\$7.50	\$337.50	\$33,750.00
Total Revenue				\$337.50	\$33,750.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
AAtrex 4L	2	Pint	\$3.96	\$7.92	\$792.05
Seed					
Grain Sorghum Seed	6	Pound	\$2.40	\$14.40	\$1,440.00
Fertilizer					
UAN (32% N)	2.11	CWT	\$12.65	\$26.69	\$2,669.15
Custom					
Harvest/Haul Sorghum	45	CWT	\$0.55	\$24.75	\$2,475.00
Miscellaneous					
Insurance, Sorghum - Irrigated	1	Acre	\$11.00	\$11.00	\$1,100.00
Insecticide					
Transform	1	Ounce	\$8.98	\$8.98	\$898.40
Other Labor					
Unallocated Labor	0.7232	Hour	\$12.00	\$8.68	\$867.84
Irrigation					
Water Cost	0.80	Acre/Foot	\$20.00	\$16.00	\$1,600.00
Irrigation Labor	2.20	Hour	\$12.00	\$26.40	\$2,640.00
Machinery Labor					
Tractors/Self-Propelled	1.68	Hour	\$12.00	\$20.16	\$2,016.00
Diesel Fuel					
Tractors/Self-Propelled	10.58	Gallon	\$2.00	\$21.16	\$2,116.00
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%	\$4.51	\$450.68
Total Variable Costs				\$234.14	\$23,414.37
Planned Returns Above Variable Costs:				\$103.36	\$10,335.63
Breakeven Price to Cover Variable Costs			\$5.20 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				\$388.40	\$38,840.33
Returns Above Specified Costs				(\$50.90)	(\$5,090.33)
Breakeven Price to Cover Total Costs			\$8.63 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.

