

**2024 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	\$8.93	\$401.85	\$40,185.00
Total Revenue				\$401.85	\$40,185.00
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	\$17.50	\$38.50	\$3,850.00
Machinery Labor					
Tractors/Self-Propelled	0.97	Hour	\$17.21	\$16.69	\$1,669.37
Diesel Fuel					
Tractors/Self-Propelled	4.95	Gallon	\$3.60	\$17.82	\$1,782.00
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			8.00%	\$7.86	\$786.03
Total Variable Costs				\$312.27	\$31,226.91
Planned Returns Above Variable Costs:				\$89.58	\$8,958.09
Breakeven Price to Cover Variable Costs			\$6.94	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	8.00%	\$6.79	\$679.30
Implements	\$63.01	Dollars	8.00%	\$5.04	\$504.05
Cash Rent, Irrigated	1	Acre	\$85.00	\$85.00	\$8,500.00
Total Fixed Costs				\$120.45	\$12,045.21
Total Specified Costs				\$432.72	\$43,272.12
Returns Above Specified Costs				(\$30.87)	(\$3,087.12)
Breakeven Price to Cover Total Costs			\$9.62	CWT	

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.