

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

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Grain Sorghum	45.00	CWT	\$10.36	\$466.20	\$46,620.00	\$46,620.00
Total Revenue				\$466.20	\$46,620.00	\$46,620.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Grain Sorghum Seed	6	Pound	\$3.00	\$18.00	\$1,800.00	\$1,800.00
Fertilizer						
UAN (32% N)	2.11	CWT	\$33.95	\$71.63	\$7,163.45	\$7,163.45
Custom						
Harvest/Haul Sorghum	45	CWT	\$0.98	\$43.88	\$4,387.50	\$4,387.50
Herbicide						
Glyphosate	2	Pint	\$6.25	\$12.50	\$1,250.00	\$1,250.00
AAtrex 4L	2	Pint	\$2.90	\$5.80	\$579.50	\$579.50
Insecticide						
Transform	1	Ounce	\$9.34	\$9.34	\$934.34	\$934.34
Miscellaneous						
Insurance, Sorghum - Irrigated	1	Acre	\$14.00	\$14.00	\$1,400.00	\$1,400.00
Other Labor						
Unallocated Labor	0.22	Hour	\$15.00	\$3.30	\$330.00	\$330.00
Irrigation						
Water Cost	0.80	Acre/Foot	\$41.00	\$32.80	\$3,280.00	\$3,280.00
Irrigation Labor	2.20	Hour	\$17.50	\$38.50	\$3,850.00	\$3,850.00
Machinery Labor						
Tractors/Self-Propelled	0.97	Hour	\$17.21	\$16.69	\$1,669.37	\$1,669.37
Diesel Fuel						
Tractors/Self-Propelled	4.95	Gallon	\$2.24	\$11.09	\$1,108.80	\$1,108.80
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$9.60	\$9.60	\$960.01	\$960.01
Implements	1	Acre	\$10.55	\$10.55	\$1,054.71	\$1,054.71
Interest on Credit Line			8.00%	\$7.59	\$758.67	\$758.67
Total Variable Costs				\$305.26	\$30,526.35	\$30,526.35
Planned Returns Above Variable Costs:				\$160.94	\$16,093.65	\$16,093.65
Breakeven Price to Cover Variable Costs			\$6.78	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$10.96	\$10.96	\$1,096.18	\$1,096.18
Implements	1	Acre	\$12.66	\$12.66	\$1,265.68	\$1,265.68
Equipment Investment						
Tractors/Self-Propelled	\$84.91	Dollars	8.00%	\$6.79	\$679.30	\$679.30
Implements	\$63.01	Dollars	8.00%	\$5.04	\$504.05	\$504.05
Cash Rent, Irrigated	1	Acre	\$85.00	\$85.00	\$8,500.00	\$8,500.00
Total Fixed Costs				\$120.45	\$12,045.21	\$12,045.21
Total Specified Costs				\$425.72	\$42,571.56	\$42,571.56
Returns Above Specified Costs				\$40.48	\$4,048.44	\$4,048.44
Breakeven Price to Cover Total Costs			\$9.46	CWT		

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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.