

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2025 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	\$8.93	\$401.85	\$40,185.00
Total Revenue				\$401.85	\$40,185.00
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	\$19.00	\$40.09	\$4,009.00
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	\$17.50	\$38.50	\$3,850.00
Machinery Labor					
Tractors/Self-Propelled	1.68	Hour	\$17.21	\$28.91	\$2,891.28
Diesel Fuel					
Tractors/Self-Propelled	10.58	Gallon	\$3.60	\$38.09	\$3,808.80
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			8.50%	\$10.47	\$1,046.78
Total Variable Costs				\$334.21	\$33,421.25
Planned Returns Above Variable Costs:				\$67.64	\$6,763.75
Breakeven Price to Cover Variable Costs			\$7.43 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	8.50%	\$16.33	\$1,632.99
Implements	\$109.06	Dollars	8.50%	\$9.27	\$927.03
Cash Rent, Irrigated	1	Acre	\$95.00	\$95.00	\$9,500.00
Total Fixed Costs				\$168.78	\$16,877.73
Total Specified Costs				\$502.99	\$50,298.98
Returns Above Specified Costs				(\$101.14)	(\$10,113.98)
Breakeven Price to Cover Total Costs			\$11.18 CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	33.75	\$9.90	\$14.90
90%	40.50	\$8.25	\$12.42
100%	45.00	\$7.43	\$11.18
110%	49.50	\$6.75	\$10.16
125%	56.25	\$5.94	\$8.94

Developed by Manuel Garcia, Assistant Professor and Extension Specialist, 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.