

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2025 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	\$19.00	\$40.09	\$4,009.00
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				8.50%	\$7.02	\$702.19
Total Variable Costs					\$279.89	\$27,988.63
Planned Returns Above Variable Costs:					\$121.96	\$12,196.37
Breakeven Price to Cover Variable Costs				\$6.22	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	8.50%	\$7.22	\$721.75
Implements		\$63.01	Dollars	8.50%	\$5.36	\$535.55
Cash Rent, Irrigated		1	Acre	\$95.00	\$95.00	\$9,500.00
Total Fixed Costs					\$131.19	\$13,119.17
Total Specified Costs					\$411.08	\$41,107.79
Returns Above Specified Costs					(\$9.23)	(\$922.79)
Breakeven Price to Cover Total Costs				\$9.14	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	33.75	\$8.29	\$12.18
90%	40.50	\$6.91	\$10.15
100%	45.00	\$6.22	\$9.14
110%	49.50	\$5.65	\$8.30
125%	56.25	\$4.98	\$7.31

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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.