

**2024 Estimated Costs and Returns per Acre
Sorghum (Nitrogen Fertilizer Only)
North Texas Extension District - 4**

Crop Acres	500					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total		Total
Sorghum	33.00	CWT	\$10.20	\$336.60		\$168,300.00
Total Revenue				\$336.60		\$168,300.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total		Enterprise
Production Costs						Total
Custom						
Custom Harvest Sorghum	1	Acre	\$20.84	\$20.84		\$10,420.00
Custom Haul Sorghum	33	CWT	\$0.61	\$20.13		\$10,065.00
Fertilizer						
10-34-0	100	Pounds	\$0.40	\$40.00		\$20,000.00
82-0-0	100	Pounds	\$0.52	\$52.00		\$26,000.00
Herbicide						
Pre-emerge Sorghum	2	Acre	\$19.13	\$38.26		\$19,130.00
Insecticide						
Insecticide-Sorghum	1	Acre	\$20.50	\$20.50		\$10,250.00
Seed						
Sorghum Seed	7	Pounds	\$2.60	\$18.20		\$9,100.00
Miscellaneous						
Insurance-Sorghum	1	Acre	\$14.00	\$14.00		\$7,000.00
Machinery Labor						
Tractors/Self-Propelled	0.62	Hour	\$12.00	\$7.44		\$3,720.00
Diesel Fuel						
Tractors/Self-Propelled	2.95	Gallon	\$3.70	\$10.92		\$5,457.50
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$4.57	\$4.57		\$2,282.61
Implements	1	Acre	\$9.70	\$9.70		\$4,847.60
Interest on Credit Line			8.00%	\$7.66		\$3,832.13
Total Variable Costs				\$264.21		\$132,104.84
Planned Returns Above Variable Costs:				\$72.39		\$36,195.16
Breakeven Price to Cover Variable Costs			\$8.01 CWT			
FIXED COSTS	Quantity	Units	\$/Unit	Total		Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$4.19	\$4.19		\$2,096.60
Implements	1	Acre	\$10.95	\$10.95		\$5,475.51
Equipment Investment						
Tractors/Self-Propelled	\$32.67	Dollars	8.00%	\$2.61		\$1,306.65
Implements	\$46.85	Dollars	8.00%	\$3.75		\$1,873.84
Rent-Dryland Crop	1	Acre	\$25.00	\$25.00		\$12,500.00
Total Fixed Costs				\$46.51		\$23,252.60
Total Specified Costs				\$310.71		\$155,357.44
Returns Above Specified Costs				\$25.89		\$12,942.56
Breakeven Price to Cover Total Costs			\$9.42 CWT			

Developed by Blake Bennet, Associate Professor and Extension Economist, Texas A&M AgriLife Extension Service, 972-952-9273.

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.