

**2023 Estimated Costs and Returns per Acre
Sorghum (Nitrogen Fertilizer Only)
North Texas Extension District - 4**

Crop Acres		500			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise 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 Total
Production Costs					
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	\$0.44	\$44.00	\$22,000.00
82-0-0	100	Pounds	\$0.55	\$55.00	\$27,500.00
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			6.00%	\$5.96	\$2,977.57
Total Variable Costs				\$269.50	\$134,750.28
Planned Returns Above Variable Costs:				\$67.10	\$33,549.72
Breakeven Price to Cover Variable Costs			\$8.17	CWT	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
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	6.00%	\$1.96	\$979.99
Implements	\$46.85	Dollars	6.00%	\$2.81	\$1,405.38
Rent-Dryland Crop	1	Acre	\$25.00	\$25.00	\$12,500.00
Total Fixed Costs				\$44.91	\$22,457.48
Total Specified Costs				\$314.42	\$157,207.76
Returns Above Specified Costs				\$22.18	\$11,092.24
Breakeven Price to Cover Total Costs			\$9.53	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.