

**2022 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
<b>Total Revenue</b>				<b>\$336.60</b>	<b>\$168,300.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
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	\$0.61	\$61.00	\$30,500.00
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	\$3.87	\$27.09	\$13,545.00
Miscellaneous					
Insurance-Sorghum	1	Acre	\$8.00	\$8.00	\$4,000.00
Machinery Labor					
Tractors/Self-Propelled	0.62	Hour	\$12.00	\$7.44	\$3,720.00
Diesel Fuel					
Tractors/Self-Propelled	2.95	Gallon	\$3.05	\$9.00	\$4,498.75
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			4.75%	\$4.89	\$2,443.60
<b>Total Variable Costs</b>				<b>\$275.41</b>	<b>\$137,702.56</b>
Planned Returns Above Variable Costs:				\$61.19	\$30,597.44
Breakeven Price to Cover Variable Costs			\$8.35 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
<b>Total Fixed Costs</b>				<b>\$44.91</b>	<b>\$22,457.48</b>
<b>Total Specified Costs</b>				<b>\$320.32</b>	<b>\$160,160.04</b>
Returns Above Specified Costs				\$16.28	\$8,139.96
<b>Breakeven Price to Cover Total Costs</b>			<b>\$9.71 CWT</b>		

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.**