

**2024 Estimated Costs and Returns per Acre  
Sorghum for Hay  
North Texas Extension District - 4**

Crop Acres	100				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Sorghum Hay	5.00	Roll	\$75.00	\$375.00	\$37,500.00
<b>Total Revenue</b>				<b>\$375.00</b>	<b>\$37,500.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Custom					
Custom Bale	5	Roll	\$30.00	\$150.00	\$15,000.00
Custom Haul	5	Roll	\$3.82	\$19.10	\$1,910.00
Fertilizer					
18-46-0	100	Pounds	\$0.60	\$60.00	\$6,000.00
82-0-0	100	Pounds	\$0.52	\$52.00	\$5,200.00
Seed					
Forage Sorghum Seed	50	Pounds	\$1.29	\$64.50	\$6,450.00
Machinery Labor					
Tractors/Self-Propelled	0.42	Hour	\$12.00	\$5.04	\$504.00
Diesel Fuel					
Tractors/Self-Propelled	2.16	Gallon	\$3.70	\$7.99	\$799.20
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$3.57	\$3.57	\$357.41
Implements	1	Acre	\$8.28	\$8.28	\$828.34
Interest on Credit Line			8.00%	\$9.74	\$973.99
<b>Total Variable Costs</b>				<b>\$380.23</b>	<b>\$38,022.94</b>
<b>Planned Returns Above Variable Costs:</b>				<b>(\$5.23)</b>	<b>(\$522.94)</b>
Breakeven Price to Cover Variable Costs			\$76.05	Roll	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$3.39	\$3.39	\$339.37
Implements	1	Acre	\$9.71	\$9.71	\$971.30
Equipment Investment					
Tractors/Self-Propelled	\$26.44	Dollars	8.00%	\$2.12	\$211.50
Implements	\$41.73	Dollars	8.00%	\$3.34	\$333.87
Rent-Dryland Crop	1	Acre	\$25.00	\$25.00	\$2,500.00
<b>Total Fixed Costs</b>				<b>\$43.56</b>	<b>\$4,356.03</b>
<b>Total Specified Costs</b>				<b>\$423.79</b>	<b>\$42,378.97</b>
<b>Returns Above Specified Costs</b>				<b>(\$48.79)</b>	<b>(\$4,878.97)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$84.76</b>	Roll	

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.**