

**2022 Estimated Costs and Returns per Acre
Sorghum for Hay
North Texas Extension District - 4**

Crop Acres	100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Sorghum Hay	5.00	Roll	\$75.00	\$375.00	\$37,500.00
Total Revenue				\$375.00	\$37,500.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Custom Bale	5	Roll	\$32.42	\$162.10	\$16,210.00
Custom Haul	5	Roll	\$3.82	\$19.10	\$1,910.00
Fertilizer					
18-46-0	100	Pounds	\$0.49	\$49.00	\$4,900.00
82-0-0	100	Pounds	\$0.61	\$61.00	\$6,100.00
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	\$3.05	\$6.59	\$658.80
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			4.75%	\$5.58	\$557.88
Total Variable Costs				\$384.76	\$38,476.43
Planned Returns Above Variable Costs:				(\$9.76)	(\$976.43)
Breakeven Price to Cover Variable Costs			\$76.95	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	6.00%	\$1.59	\$158.63
Implements	\$41.73	Dollars	6.00%	\$2.50	\$250.40
Rent-Dryland Crop	1	Acre	\$25.00	\$25.00	\$2,500.00
Total Fixed Costs				\$42.20	\$4,219.69
Total Specified Costs				\$426.96	\$42,696.12
Returns Above Specified Costs				(\$51.96)	(\$5,196.12)
Breakeven Price to Cover Total Costs			\$85.39	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.