

**2021 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
Total Revenue				\$375.00	\$37,500.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Custom Bale	5	Roll	\$28.00	\$140.00	\$14,000.00
Custom Haul	5	Roll	\$3.30	\$16.50	\$1,650.00
Fertilizer					
18-46-0	100	Pounds	\$0.36	\$36.00	\$3,600.00
82-0-0	100	Pounds	\$0.44	\$44.00	\$4,400.00
Seed					
Forage Sorghum Seed	50	Pounds	\$0.75	\$37.50	\$3,750.00
Machinery Labor					
Tractors/Self-Propelled	0.74	Hour	\$10.00	\$7.40	\$740.00
Diesel Fuel					
Tractors/Self-Propelled	3.7	Gallon	\$2.50	\$9.25	\$925.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$6.17	\$6.17	\$616.67
Implements	1	Acre	\$22.10	\$22.10	\$2,209.68
Interest on Credit Line			4.75%	\$4.75	\$474.87
Total Variable Costs				\$323.66	\$32,366.23
Planned Returns Above Variable Costs:				\$51.34	\$5,133.77
Breakeven Price to Cover Variable Costs			\$64.73	Roll	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$5.80	\$5.80	\$580.21
Implements	1	Acre	\$26.00	\$26.00	\$2,600.48
Equipment Investment					
Tractors/Self-Propelled	\$45.20	Dollars	6.00%	\$2.71	\$271.20
Implements	\$111.32	Dollars	6.00%	\$6.68	\$667.95
Rent-Dryland Crop	1	Acre	\$25.00	\$25.00	\$2,500.00
Total Fixed Costs				\$66.20	\$6,619.83
Total Specified Costs				\$389.86	\$38,986.06
Returns Above Specified Costs				(\$14.86)	(\$1,486.06)
Breakeven Price to Cover Total Costs			\$77.97	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.