

**2023 Estimated Costs and Returns per Acre
Sorghum for Hay
North Texas Extension District - 4**

Crop Acres		100				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Sorghum Hay		5.00	Roll	\$75.00	\$375.00	\$37,500.00
Total Revenue					\$375.00	\$37,500.00
VARIABLE COSTS						
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	\$0.66	\$66.00	\$6,600.00
82-0-0		100	Pounds	\$0.55	\$55.00	\$5,500.00
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				6.00%	\$7.72	\$772.34
Total Variable Costs					\$399.31	\$39,931.29
Planned Returns Above Variable Costs:					(\$24.31)	(\$2,431.29)
Breakeven Price to Cover Variable Costs				\$79.86	Roll	
FIXED COSTS						
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					\$441.51	\$44,150.98
Returns Above Specified Costs					(\$66.51)	(\$6,650.98)
Breakeven Price to Cover Total Costs				\$88.30	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.