

**2024 Estimated Costs and Returns per Acre  
Sorghum Silage, Sprinkler Irrigated  
Panhandle Extension District - 1**

Crop Acres		122			
				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Sorghum Silage	25.00	Ton	\$51.00	\$1,275.00	\$155,550.00
<b>Total Revenue</b>				<b>\$1,275.00</b>	<b>\$155,550.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Fertilizer					
Fertilizer (N) - ANH3	100	Pound	\$0.43	\$42.70	\$5,209.40
Fertilizer (P) - Dry	50	Pound	\$0.80	\$40.15	\$4,898.30
Fertilizer (N) - Liquid	45	Pound	\$0.58	\$26.01	\$3,173.22
Custom					
Fertilizer Application - ANH3	1	Acre	\$18.00	\$18.00	\$2,196.00
Fertilizer Application	1	Acre	\$7.50	\$7.50	\$915.00
Harvest and Haul - Sorghum Silage	25	Ton	\$12.50	\$312.50	\$38,125.00
Miscellaneous					
Crop Insurance Sorghum Silage	1	Acre	\$26.00	\$26.00	\$3,172.00
Insecticide					
Insecticide Head Worm	0.33	Application	\$27.50	\$9.08	\$1,107.15
Insecticide Sugar Cane Aphid	1	Application	\$21.00	\$21.00	\$2,562.00
Herbicide					
Herbicide and Apply Sorghum Silage	1	Acre	\$57.75	\$57.75	\$7,045.50
Seed					
Seed - Sorghum	5	Pound	\$3.20	\$16.00	\$1,952.00
Irrigation					
Energy Cost	14.00	AcreInch	\$3.80	\$53.20	\$6,490.40
Irrigation Labor	0.83	Hour	\$17.94	\$14.93	\$1,820.98
Machinery Labor					
Tractors/Self-Propelled	0.23	Hour	\$17.65	\$4.06	\$495.26
Other Labor	0.27	Hour	\$17.65	\$4.77	\$581.39
Diesel Fuel					
Tractors/Self-Propelled	1.41	Gallon	\$3.10	\$4.37	\$533.26
Gasoline					
Pickup/General Use Equipment	1	Acre	\$7.38	\$7.38	\$900.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$3.76	\$3.76	\$459.00
Irrigation Equipment	1	Acre	\$52.50	\$52.50	\$6,405.00
Interest on Credit Line			9.00%	\$14.56	\$1,776.51
<b>Total Variable Costs</b>				<b>\$736.21</b>	<b>\$89,817.37</b>
Planned Returns Above Variable Costs:				\$538.79	\$65,732.63
Breakeven Price to Cover Variable Costs			\$29.45	Ton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$3.95	\$3.95	\$481.95
Irrigation Equipment	1	Acre	\$36.27	\$36.27	\$4,425.00
Equipment Investment					
Pickup/General Use Equipment	\$27.28	Dollars	9.00%	\$2.45	\$299.50
Irrigation Equipment	\$490.57	Dollars	9.00%	\$44.15	\$5,386.50
Cash Rent - Sorghum Silage	1	Acre	\$125.00	\$125.00	\$15,250.00
<b>Total Fixed Costs</b>				<b>\$211.83</b>	<b>\$25,842.95</b>
<b>Total Specified Costs</b>				<b>\$948.04</b>	<b>\$115,660.32</b>
Returns Above Specified Costs				\$326.96	\$39,889.68
Breakeven Price to Cover Total Costs			\$37.92	Ton	

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

**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.**