

**2025 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	20.00	Ton	\$46.00	\$920.00	\$112,240.00	
Total Revenue				\$920.00	\$112,240.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
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	\$8.00	\$8.00	\$976.00	
Harvest and Haul - Sorghum Silage	20	Ton	\$12.50	\$250.00	\$30,500.00	
Miscellaneous						
Crop Insurance Sorghum Silage	1	Acre	\$26.00	\$26.00	\$3,172.00	
Insecticide						
Insecticide Head Worm	0.33	Application	\$26.13	\$8.62	\$1,051.99	
Insecticide Sugar Cane Aphid	1	Application	\$19.95	\$19.95	\$2,433.90	
Herbicide						
Herbicide and Apply Sorghum Irrig.	1	Acre	\$56.60	\$56.60	\$6,905.20	
Seed						
Seed - Sorghum	5	Pound	\$3.20	\$16.00	\$1,952.00	
Irrigation						
Energy Cost	14.00	AcreInch	\$4.00	\$56.00	\$6,832.00	
Irrigation Labor	0.83	Hour	\$18.30	\$15.23	\$1,857.52	
Machinery Labor						
Tractors/Self-Propelled	0.23	Hour	\$18.00	\$4.14	\$505.08	
Other Labor	0.27	Hour	\$18.00	\$4.86	\$592.92	
Diesel Fuel						
Tractors/Self-Propelled	1.41	Gallon	\$2.75	\$3.88	\$473.06	
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	
Tractors/Self-Propelled	1	Acre	\$2.68	\$2.68	\$327.04	
Implements	1	Acre	\$6.92	\$6.92	\$843.96	
Interest on Credit Line			8.50%	\$15.09	\$1,841.27	
Total Variable Costs				\$684.47	\$83,504.86	
Planned Returns Above Variable Costs:				\$235.53	\$28,735.14	
Breakeven Price to Cover Variable Costs			\$34.22	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	
Tractors/Self-Propelled	1	Acre	\$2.73	\$2.73	\$332.82	
Implements	1	Acre	\$8.25	\$8.25	\$1,007.07	
Equipment Investment						
Pickup/General Use Equipment	\$27.28	Dollars	8.50%	\$2.32	\$282.86	
Irrigation Equipment	\$490.57	Dollars	8.50%	\$41.70	\$5,087.25	
Tractors/Self-Propelled	\$21.25	Dollars	8.50%	\$1.81	\$220.39	
Implements	\$35.31	Dollars	8.50%	\$3.00	\$366.18	
Cash Rent - Sorghum Silage	1	Acre	\$125.00	\$125.00	\$15,250.00	
Total Fixed Costs				\$225.03	\$27,453.52	
Total Specified Costs				\$909.49	\$110,958.39	
Returns Above Specified Costs				\$10.51	\$1,281.61	
Breakeven Price to Cover Total Costs			\$45.47	Ton		

Developed by DeDe Jones, Senior Extension Program Specialist, Texas A&M AgriLife Extension, 806-677-5667

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.