

Projections for Planning Purposes Only -- Not to be Used without Updating
2026 Estimated Costs and Returns per Acre
Irrigated Sorghum Silage
South Plains Extension District - 2

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Sorghum Silage	24.00	Ton	\$44.90	\$1,077.60	\$131,467.20	\$131,467.20
Total Revenue				\$1,077.60	\$131,467.20	\$131,467.20
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Fertilizer						
Fertilizer (N) - Liquid	70	Pound	\$0.73	\$50.75	\$6,191.50	
Fertilizer (P) - Liquid	88	Pound	\$0.97	\$85.45	\$10,424.66	
Fertilizer (N) - NH3	150	Pound	\$0.52	\$78.30	\$9,552.60	
Custom						
Harvest and Haul - Sorghum Silage	24	Ton	\$7.00	\$168.00	\$20,496.00	
Fertilizer Application - Liquid High	1	Acre	\$4.75	\$4.75	\$579.50	
Fertilizer Application - Liquid Low	1	Acre	\$3.50	\$3.50	\$427.00	
Fertilizer Application - NH3	1	Acre	\$3.50	\$3.50	\$427.00	
Miscellaneous						
Crop Insurance Sorghum Silage	1	Acre	\$22.00	\$22.00	\$2,684.00	
Insecticide						
Insecticide and Apply Sorghum Silage	1	Acre	\$4.29	\$4.29	\$523.38	
Herbicide						
Herbicide and Apply Sorghum Silage	1	Acre	\$10.50	\$10.50	\$1,281.00	
Seed						
Seed - Sorghum	7	Pound	\$2.40	\$16.80	\$2,049.60	
Irrigation						
Energy Cost	16.00	AcreInch	\$10.00	\$160.00	\$19,520.00	
Irrigation Labor	1.00	Hour	\$16.00	\$16.00	\$1,952.00	
Machinery Labor						
Tractors/Self-Propelled	0.61	Hour	\$16.00	\$9.76	\$1,190.72	
Other Labor	0.69	Hour	\$16.00	\$11.04	\$1,346.88	
Diesel Fuel						
Tractors/Self-Propelled	3.2	Gallon	\$2.65	\$8.48	\$1,034.56	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$4.82	\$4.82	\$587.50	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$61.00	
Irrigation Equipment	1	Acre	\$27.25	\$27.25	\$3,324.50	
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$732.00	
Implements	1	Acre	\$3.00	\$3.00	\$366.00	
Interest on Credit Line			8.00%	\$12.93	\$1,576.98	
Total Variable Costs				\$707.61	\$86,328.37	
Planned Returns Above Variable Costs:				\$369.99	\$45,138.83	
Breakeven Price to Cover Variable Costs			\$29.48	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Equipment Fixed Costs						
Pickup/General Use Equipment	1	Acre	\$1.25	\$1.25	\$152.50	
Irrigation Equipment	1	Acre	\$55.00	\$55.00	\$6,710.00	
Tractors/Self-Propelled	1	Acre	\$12.00	\$12.00	\$1,464.00	
Implements	1	Acre	\$10.00	\$10.00	\$1,220.00	
Management Fee, Owner/Operator Labor	1	Acre	\$25.00	\$25.00	\$3,050.00	
Cash Rent - Sorghum Silage	1	Acre	\$100.00	\$100.00	\$12,200.00	
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$244.00	
Total Fixed Costs				\$205.25	\$25,040.50	
Total Specified Costs				\$912.86	\$111,368.87	
Returns Above Specified Costs				\$164.74	\$20,098.33	
Breakeven Price to Cover Total Costs			\$38.04	Ton		

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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.