

**2023 Estimated Costs and Returns per Acre
Irrigated Corn Silage
South Plains Extension District - 2**

Crop Acres		122				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total		
Corn Silage	27.00	Ton	\$65.00	\$1,755.00	\$214,110.00		
Total Revenue				\$1,755.00	\$214,110.00		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Production Costs							
Custom							
Harvest and Haul - Corn Silage	27	Ton	\$7.00	\$189.00	\$23,058.00		
Fertilizer Application - Liquid High	1	Acre	\$4.75	\$4.75	\$579.50		
Fertilizer Application - Dry	1	Acre	\$4.00	\$4.00	\$488.00		
Fertilizer Application - NH3	1	Acre	\$3.50	\$3.50	\$427.00		
Fertilizer							
Fertilizer (N) - Liquid	175	Pound	\$1.06	\$185.50	\$22,631.00		
Fertilizer (P) - Dry	110	Pound	\$0.94	\$103.40	\$12,614.80		
Fertilizer (N) - NH3	150	Pound	\$0.90	\$135.00	\$16,470.00		
Herbicide							
Herbicide and Apply Corn Silage	1	Acre	\$21.12	\$21.12	\$2,576.64		
Insecticide							
Insecticide and Apply Corn Silage	1	Acre	\$22.73	\$22.73	\$2,773.06		
Miscellaneous							
Crop Insurance Corn Silage	1	Acre	\$15.50	\$15.50	\$1,891.00		
Seed							
Seed - Corn	0.5	Bag	\$272.00	\$136.00	\$16,592.00		
Irrigation							
Energy Cost	20.00	AcreInch	\$10.00	\$200.00	\$24,400.00		
Irrigation Labor	1.25	Hour	\$12.00	\$15.00	\$1,830.00		
Machinery Labor							
Tractors/Self-Propelled	0.47	Hour	\$12.00	\$5.64	\$688.08		
Other Labor	0.53	Hour	\$12.00	\$6.36	\$775.92		
Diesel Fuel							
Tractors/Self-Propelled	2.4	Gallon	\$2.75	\$6.60	\$805.20		
Gasoline							
Pickup/General Use Equipment	1	Acre	\$5.12	\$5.12	\$625.00		
Repairs & Maintenance							
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$61.00		
Irrigation Equipment	1	Acre	\$40.00	\$40.00	\$4,880.00		
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%	\$27.95	\$3,409.69		
Total Variable Costs				\$1,136.67	\$138,673.89		
Planned Returns Above Variable Costs:				\$618.33	\$75,436.11		
Breakeven Price to Cover Variable Costs			\$42.10	Ton			
FIXED COSTS	Quantity	Units	\$/Unit	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 - Corn	1	Acre	\$130.00	\$130.00	\$15,860.00		
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$244.00		
Total Fixed Costs				\$235.25	\$28,700.50		
Total Specified Costs				\$1,371.92	\$167,374.39		
Returns Above Specified Costs				\$383.08	\$46,735.61		
Breakeven Price to Cover Total Costs			\$50.81	Ton			

Developed by Agricultural Economists, Texas A&M AgriLife Extension. 806-746-6101

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.