

**2021 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	\$45.00	\$1,215.00	\$148,230.00	
Total Revenue					\$1,215.00	\$148,230.00	
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						Total	
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	\$0.38	\$66.50	\$8,113.00	
Fertilizer (P) - Dry		110	Pound	\$0.39	\$42.90	\$5,233.80	
Fertilizer (N) - NH3		150	Pound	\$0.30	\$45.73	\$5,579.27	
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	\$1.90	\$4.56	\$556.32	
Gasoline							
Pickup/General Use Equipment		1	Acre	\$4.51	\$4.51	\$550.00	
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				6.00%	\$14.21	\$1,733.03	
Total Variable Costs					\$851.51	\$103,883.62	
Planned Returns Above Variable Costs:					\$363.49	\$44,346.38	
Breakeven Price to Cover Variable Costs				\$31.54	Ton		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Equipment Fixed Costs						Total	
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					\$1,086.76	\$132,584.12	
Returns Above Specified Costs					\$128.24	\$15,645.88	
Breakeven Price to Cover Total Costs				\$40.25	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.**