

**2023 Estimated Costs and Returns per Acre
RR Corn Silage - Irrigated
Central Texas Extension District - 8**

Crop Acres		500			
				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Corn Silage	22.00	Ton	\$68.83	\$1,514.26	\$757,130.00
Total Revenue				\$1,514.26	\$757,130.00
				Enterprise	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Seed					
HR Corn Silage Seed	32	Thousand	\$3.80	\$121.60	\$60,800.00
Fertilizer					
18-46-0	150	Pound	\$0.66	\$99.00	\$49,500.00
46-0-0	478	Pound	\$0.62	\$296.36	\$148,180.00
0-0-60	100	Pound	\$0.54	\$54.00	\$27,000.00
Custom					
Custom Fertilize	1	Acre	\$8.00	\$8.00	\$4,000.00
Custom Harvest and Haul Silage	22	Ton	\$10.00	\$220.00	\$110,000.00
Herbicide					
Post Plant Herbicide	1	Acre	\$20.00	\$20.00	\$10,000.00
Irrigation					
Energy Cost	20.00	AcreInch	\$12.00	\$240.00	\$120,000.00
Machinery Labor					
Tractors/Self-Propelled	0.07	Hour	\$12.00	\$0.84	\$420.00
Diesel Fuel					
Tractors/Self-Propelled	0.6	Gallon	\$3.70	\$2.22	\$1,110.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$1.63	\$1.63	\$817.29
Implements	1	Acre	\$2.91	\$2.91	\$1,455.84
Interest on Credit Line			6.00%	\$18.47	\$9,236.63
Total Variable Costs				\$1,085.04	\$542,519.76
Planned Returns Above Variable Costs:				\$429.22	\$214,610.24
Breakeven Price to Cover Variable Costs			\$49.32	Ton	
				Enterprise	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$1.69	\$1.69	\$844.53
Implements	1	Acre	\$3.85	\$3.85	\$1,924.15
Equipment Investment					
Tractors/Self-Propelled	\$13.16	Dollars	6.00%	\$0.79	\$394.75
Implements	\$16.46	Dollars	6.00%	\$0.99	\$493.87
Irrigated Land Rent	1	Acre	\$50.00	\$50.00	\$25,000.00
Total Fixed Costs				\$57.31	\$28,657.30
Total Specified Costs				\$1,142.35	\$571,177.07
Returns Above Specified Costs				\$371.91	\$185,952.93
Breakeven Price to Cover Total Costs			\$51.93	Ton	

Developed by Jason Johnson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 254-968-4144.

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.