

**2021 Estimated Costs and Returns per Acre
RR Corn Silage - Irrigated
Central Texas Extension District - 8**

Crop Acres		500			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Corn Silage	22.00	Ton	\$39.00	\$858.00	\$429,000.00
Total Revenue				\$858.00	\$429,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Seed					
HR Corn Silage Seed	32	Thousand	\$4.00	\$128.00	\$64,000.00
Fertilizer					
18-46-0	150	Pound	\$0.29	\$43.50	\$21,750.00
46-0-0	478	Pound	\$0.21	\$100.38	\$50,190.00
0-0-60	100	Pound	\$0.21	\$21.00	\$10,500.00
Custom					
Custom Fertilize	1	Acre	\$8.00	\$8.00	\$4,000.00
Custom Harvest and Haul Silage	22	Ton	\$8.00	\$176.00	\$88,000.00
Herbicide					
Post Plant Herbicide	1	Acre	\$15.00	\$15.00	\$7,500.00
Irrigation					
Energy Cost	20.00	AcreInch	\$10.00	\$200.00	\$100,000.00
Machinery Labor					
Tractors/Self-Propelled	0.25	Hour	\$10.00	\$2.50	\$1,250.00
Diesel Fuel					
Tractors/Self-Propelled	1.91	Gallon	\$2.40	\$4.58	\$2,292.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$4.72	\$4.72	\$2,358.45
Implements	1	Acre	\$10.60	\$10.60	\$5,297.59
Interest on Credit Line			4.75%	\$8.61	\$4,307.31
Total Variable Costs				\$722.89	\$361,445.35
Planned Returns Above Variable Costs:				\$135.11	\$67,554.65
Breakeven Price to Cover Variable Costs			\$32.86	Ton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$4.87	\$4.87	\$2,437.06
Implements	1	Acre	\$13.79	\$13.79	\$6,892.99
Equipment Investment					
Tractors/Self-Propelled	\$37.97	Dollars	6.00%	\$2.28	\$1,139.13
Implements	\$58.97	Dollars	6.00%	\$3.54	\$1,769.20
Irrigated Land Rent	1	Acre	\$50.00	\$50.00	\$25,000.00
Total Fixed Costs				\$74.48	\$37,238.38
Total Specified Costs				\$797.37	\$398,683.73
Returns Above Specified Costs				\$60.63	\$30,316.27
Breakeven Price to Cover Total Costs			\$36.24	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.

