

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2016 Estimated Costs and Returns per Acre**  
**RR Corn Silage - Dryland - 500 Acres**  
**Central Texas Extension District - 8**

Crop Acres		500				Enterprise	
REVENUE		Quantity	Units	\$/Unit	Total	Total	
Corn Silage		12.00	Ton	\$38.00	\$456.00	\$228,000.00	
Total Revenue					\$456.00	\$228,000.00	
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						Total	
Herbicide							
	Post Plant Herbicide	1	Quart	\$8.75	\$8.75	\$4,375.00	
Seed							
	HR Corn Silage Seed	24	Thousand	\$3.00	\$72.00	\$36,000.00	
Fertilizer							
	18-46-0	200	Pound	\$0.65	\$130.00	\$65,000.00	
	0-0-60	150	Pound	\$0.48	\$72.00	\$36,000.00	
	N	180	Pound	\$0.60	\$108.00	\$54,000.00	
Custom							
	Custom Fertilize	1	Acre	\$5.00	\$5.00	\$2,500.00	
	Custom Harvest and Haul Silage	12	Ton	\$8.00	\$96.00	\$48,000.00	
Machinery Labor							
	Tractors/Self-Propelled	0.24	Hour	\$10.00	\$2.40	\$1,200.00	
Diesel Fuel							
	Tractors/Self-Propelled	1.91	Gallon	\$2.65	\$5.06	\$2,530.75	
Repairs & Maintenance							
	Tractors/Self-Propelled	1	Acre	\$3.82	\$3.82	\$1,909.14	
	Implements	1	Acre	\$8.70	\$8.70	\$4,348.41	
Interest on Credit Line				4.75%	\$6.85	\$3,423.30	
Total Variable Costs					\$518.57	\$259,286.60	
Planned Returns Above Variable Costs:						(\$62.57) (\$31,286.60)	
Breakeven Price to Cover Variable Costs				\$43.21	Ton		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation						Total	
	Tractors/Self-Propelled	1	Acre	\$3.95	\$3.95	\$1,972.78	
	Implements	1	Acre	\$11.30	\$11.30	\$5,651.27	
Equipment Investment							
	Tractors/Self-Propelled	\$30.74	Dollars	6.00%	\$1.84	\$922.11	
	Implements	\$48.35	Dollars	6.00%	\$2.90	\$1,450.49	
Dryland Crop Rent		1	Acre	\$30.00	\$30.00	\$15,000.00	
Total Fixed Costs					\$49.99	\$24,996.65	
Total Specified Costs					\$568.57	\$284,283.26	
Returns Above Specified Costs						(\$112.57) (\$56,283.26)	
Breakeven Price to Cover Total Costs				\$47.38	Ton		

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	9.00	\$57.62	\$63.17
90%	10.80	\$48.02	\$52.65
100%	12.00	\$43.21	\$47.38
110%	13.20	\$39.29	\$43.07
125%	15.00	\$34.57	\$37.90

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

**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.**