

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2014 Estimated Costs and Returns per Acre**  
**RR Corn Silage - Dryland - 500 Acres**  
**Central Texas Extension District - 8**

Crop Acres		500				Enterprise
		Quantity	Units	\$/Unit	Total	Total
<b>REVENUE</b>						
Corn Silage		12.00	Ton	\$44.40	\$532.80	\$266,400.00
Total Revenue					\$532.80	\$266,400.00
<b>VARIABLE COSTS</b>						Enterprise
		Quantity	Units	\$/Unit	Total	Total
<b>Production Costs</b>						
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
	46-0-0	250	Pound	\$0.60	\$150.00	\$75,000.00
	Liquid 32 N	200	Pound	\$0.48	\$96.00	\$48,000.00
Herbicide						
	Post Plant Herbicide	1	Quart	\$8.75	\$8.75	\$4,375.00
Custom						
	Custom Fertilize	1	Acre	\$5.00	\$5.00	\$2,500.00
	Custom Spray	1	Acre	\$7.00	\$7.00	\$3,500.00
	Custom Harvest and Haul Silage	12	Ton	\$7.00	\$84.00	\$42,000.00
Machinery Labor						
	Tractors/Self-Propelled	0.12	Hour	\$10.00	\$1.20	\$600.00
Diesel Fuel						
	Tractors/Self-Propelled	0.96	Gallon	\$2.65	\$2.54	\$1,272.00
Repairs & Maintenance						
	Tractors/Self-Propelled	1	Acre	\$0.73	\$0.73	\$364.80
	Implements	1	Acre	\$1.38	\$1.38	\$691.31
Interest on Credit Line				4.75%	\$8.31	\$4,154.51
Total Variable Costs					\$638.92	\$319,457.62
Planned Returns Above Variable Costs:					(\$106.12)	(\$53,057.62)
Breakeven Price to Cover Variable Costs				\$53.24	Ton	
<b>FIXED COSTS</b>						Enterprise
		Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation						
	Tractors/Self-Propelled	1	Acre	\$0.97	\$0.97	\$486.40
	Implements	1	Acre	\$1.73	\$1.73	\$865.11
Equipment Investment						
	Tractors/Self-Propelled	\$17.02	Dollars	6.00%	\$1.02	\$510.72
	Implements	\$22.74	Dollars	6.00%	\$1.36	\$682.09
Dryland Crop Rent						
		1	Acre	\$30.00	\$30.00	\$15,000.00
Total Fixed Costs					\$35.09	\$17,544.31
Total Specified Costs					\$674.00	\$337,001.93
Returns Above Specified Costs					(\$141.20)	(\$70,601.93)
Breakeven Price to Cover Total Costs				\$56.17	Ton	

Example Breakeven Prices						
Example Yield Percent	Example Yield Ton	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	9.00	\$70.99	\$70.99	\$74.89	\$74.89	\$0.00
90%	10.80	\$59.16	\$59.16	\$62.41	\$62.41	\$0.00
100%	12.00	\$53.24	\$53.24	\$56.17	\$56.17	\$0.00
110%	13.20	\$48.40	\$48.40	\$51.06	\$51.06	\$0.00
125%	15.00	\$42.59	\$42.59	\$44.93	\$44.93	\$0.00

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.**