

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2013 Estimated Costs and Returns per Acre**  
**RR Corn Silage (Irrigated) - 500 Acres**  
**Central Texas Extension District - 8**

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Corn Silage	25.00	Ton	\$37.90	\$947.50	\$473,750.00	\$473,750.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	\$0.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total Revenue</b>				<b>\$947.50</b>	<b>\$473,750.00</b>	<b>\$473,750.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
Fertilizer						
18-46-0	200	Pounds	\$0.65	\$130.00	\$65,000.00	\$65,000.00
0-0-60	150	Pounds	\$0.48	\$72.00	\$36,000.00	\$36,000.00
46-0-0	150	Pounds	\$0.60	\$90.00	\$45,000.00	\$45,000.00
Liquid 32 N	600	Pounds	\$0.48	\$288.00	\$144,000.00	\$144,000.00
Custom						
Custom Fertilize	1	Acre	\$5.00	\$5.00	\$2,500.00	\$2,500.00
Custom Spray	2	Acre	\$7.00	\$14.00	\$7,000.00	\$7,000.00
Herbicide						
Post Plant Herbicide	1	Quart	\$8.75	\$8.75	\$4,375.00	\$4,375.00
Seed						
HR Corn Silage Seed	32	Thousand	\$3.00	\$96.00	\$48,000.00	\$48,000.00
Irrigation						
Irrigation - Corn Silage	20	Acre/Inch	\$7.00	\$140.00	\$70,000.00	\$70,000.00
Diesel Fuel						
Tractors	0.96	Gallons	\$2.65	\$2.55	\$1,273.31	\$1,273.31
Repairs & Maintenance						
Implements	1	Acre	\$1.38	\$1.38	\$692.03	\$692.03
Tractors	1	Acre	\$0.73	\$0.73	\$365.18	\$365.18
Operator Labor						
Tractors	0.12	Hours	\$10.00	\$1.23	\$616.00	\$616.00
Interest on Credit Line			4.75%	\$12.55	\$6,275.85	\$6,275.85
<b>Total Variable Costs</b>				<b>\$862.19</b>	<b>\$431,097.37</b>	<b>\$431,097.37</b>
Planned Returns Above Variable Costs:				\$85.31	\$42,652.63	\$42,652.63
Breakeven Price to Cover Variable Costs			\$34.49	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Machinery</b>						
Implements	1	Acre	\$3.10	\$3.10	\$1,548.81	\$1,548.81
Tractors	1	Acre	\$2.00	\$2.00	\$998.15	\$998.15
Irrigated Land Rent	1	Acre	\$45.00	\$45.00	\$22,500.00	\$22,500.00
<b>Total Fixed Costs</b>				<b>\$50.09</b>	<b>\$25,046.96</b>	<b>\$25,046.96</b>
<b>Total Specified Costs</b>				<b>\$912.29</b>	<b>\$456,144.33</b>	<b>\$456,144.33</b>
Returns Above Specified Costs				\$35.21	\$17,605.67	\$17,605.67
<b>Breakeven Price to Cover Total Costs</b>			<b>\$36.49</b>	Ton		

<b>Breakeven Prices</b>						
Yield	Yield	Variable Costs		Total Costs		Landlord
Percent	Ton	Full	Tenant	Full	Tenant	
75%	18.75	\$45.98	\$45.98	\$48.66	\$48.66	\$0.00
90%	22.50	\$38.32	\$38.32	\$40.55	\$40.55	\$0.00
100%	25.00	\$34.49	\$34.49	\$36.49	\$36.49	\$0.00
110%	27.50	\$31.35	\$31.35	\$33.17	\$33.17	\$0.00
125%	31.25	\$27.59	\$27.59	\$29.19	\$29.19	\$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.**