

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2018 Estimated Costs and Returns per Acre
RR Corn Silage - Dryland
Central Texas Extension District - 8

Crop Acres		500				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total	
Corn Silage	12.00	Ton	\$35.75	\$429.00	\$214,500.00	
Total Revenue				\$429.00	\$214,500.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Herbicide						
Post Plant Herbicide	1	Acre	\$15.00	\$15.00	\$7,500.00	
Seed						
HR Corn Silage Seed	24	Thousand	\$3.50	\$84.00	\$42,000.00	
Fertilizer						
18-46-0	150	Pound	\$0.23	\$34.50	\$17,250.00	
0-0-60	100	Pound	\$0.16	\$16.00	\$8,000.00	
46-0-0	220	Pound	\$0.17	\$37.40	\$18,700.00	
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	\$2.40	\$4.58	\$2,292.00	
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$4.35	\$4.35	\$2,173.47	
Implements	1	Acre	\$7.65	\$7.65	\$3,827.28	
Interest on Credit Line			4.75%	\$3.31	\$1,654.80	
Total Variable Costs				\$310.20	\$155,097.55	
Planned Returns Above Variable Costs:				\$118.80	\$59,402.45	
Breakeven Price to Cover Variable Costs			\$25.85	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$4.49	\$4.49	\$2,245.92	
Implements	1	Acre	\$9.95	\$9.95	\$4,973.76	
Equipment Investment						
Tractors/Self-Propelled	\$34.99	Dollars	6.00%	\$2.10	\$1,049.79	
Implements	\$42.55	Dollars	6.00%	\$2.55	\$1,276.60	
Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$15,000.00	
Total Fixed Costs				\$49.09	\$24,546.07	
Total Specified Costs				\$359.29	\$179,643.62	
Returns Above Specified Costs				\$69.71	\$34,856.38	
Breakeven Price to Cover Total Costs			\$29.94	Ton		

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	9.00	\$34.47	\$39.92
90%	10.80	\$28.72	\$33.27
100%	12.00	\$25.85	\$29.94
110%	13.20	\$23.50	\$27.22
125%	15.00	\$20.68	\$23.95

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.