

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
RR Corn Silage - Dryland - 500 Acres
Central Texas Extension District - 8

Crop Acres		500			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise 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 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	\$2.65	\$5.06	\$2,530.75
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$4.32	\$4.32	\$2,158.85
Implements	1	Acre	\$8.93	\$8.93	\$4,465.19
Interest on Credit Line			4.75%	\$3.31	\$1,654.47
Total Variable Costs				\$311.92	\$155,959.26
Planned Returns Above Variable Costs:				\$144.08	\$72,040.74
Breakeven Price to Cover Variable Costs			\$25.99	Ton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$4.46	\$4.46	\$2,230.81
Implements	1	Acre	\$11.60	\$11.60	\$5,799.70
Equipment Investment					
Tractors/Self-Propelled	\$34.76	Dollars	6.00%	\$2.09	\$1,042.72
Implements	\$49.62	Dollars	6.00%	\$2.98	\$1,488.59
Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$15,000.00
Total Fixed Costs				\$51.12	\$25,561.82
Total Specified Costs				\$363.04	\$181,521.09
Returns Above Specified Costs				\$92.96	\$46,478.91
Breakeven Price to Cover Total Costs			\$30.25	Ton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	9.00	\$34.66	\$40.34
90%	10.80	\$28.88	\$33.62
100%	12.00	\$25.99	\$30.25
110%	13.20	\$23.63	\$27.50
125%	15.00	\$20.79	\$24.20

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.