

Projections for Planning Purposes Only -- Not to be Used without Updating

2015 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	Total
Corn Silage	12.00	Ton	\$42.00	\$504.00	\$504.00	\$252,000.00
Total Revenue				\$504.00	\$504.00	\$252,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Herbicide						
Post Plant Herbicide	1	Quart	\$8.75	\$8.75	\$8.75	\$4,375.00
Fertilizer						
18-46-0	200	Pound	\$0.65	\$130.00	\$130.00	\$65,000.00
0-0-60	150	Pound	\$0.48	\$72.00	\$72.00	\$36,000.00
N	180	Pound	\$0.60	\$108.00	\$108.00	\$54,000.00
Custom						
Custom Fertilize	1	Acre	\$5.00	\$5.00	\$5.00	\$2,500.00
Custom Harvest and Haul Silage	12	Ton	\$8.00	\$96.00	\$96.00	\$48,000.00
Seed						
HR Corn Silage Seed	24	Thousand	\$3.00	\$72.00	\$72.00	\$36,000.00
Machinery Labor						
Tractors/Self-Propelled	0.24	Hour	\$10.00	\$2.40	\$2.40	\$1,200.00
Diesel Fuel						
Tractors/Self-Propelled	1.91	Gallon	\$2.65	\$5.06	\$5.06	\$2,530.75
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$3.82	\$3.82	\$3.82	\$1,909.14
Implements	1	Acre	\$8.70	\$8.70	\$8.70	\$4,348.41
Interest on Credit Line			4.75%	\$6.85	\$6.85	\$3,423.30
Total Variable Costs				\$518.57	\$518.57	\$259,286.60
Planned Returns Above Variable Costs:						
Breakeven Price to Cover Variable Costs			\$43.21	Ton		
					(\$14.57)	(\$7,286.60)
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$3.95	\$3.95	\$3.95	\$1,972.78
Implements	1	Acre	\$11.30	\$11.30	\$11.30	\$5,651.27
Equipment Investment						
Tractors/Self-Propelled	\$44.55	Dollars	6.00%	\$2.67	\$2.67	\$1,336.40
Implements	\$87.91	Dollars	6.00%	\$5.27	\$5.27	\$2,637.26
Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$30.00	\$15,000.00
Total Fixed Costs				\$53.20	\$53.20	\$26,597.70
Total Specified Costs				\$571.77	\$571.77	\$285,884.31
Returns Above Specified Costs						
					(\$67.77)	(\$33,884.31)
Breakeven Price to Cover Total Costs			\$47.65	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	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	9.00	\$57.62	\$57.62	\$63.53	\$63.53	\$0.00
90%	10.80	\$48.02	\$48.02	\$52.94	\$52.94	\$0.00
100%	12.00	\$43.21	\$43.21	\$47.65	\$47.65	\$0.00
110%	13.20	\$39.29	\$39.29	\$43.32	\$43.32	\$0.00
125%	15.00	\$34.57	\$34.57	\$38.12	\$38.12	\$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.