

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 Estimated Costs and Returns per Acre
RR Corn Silage - Dryland
Central Texas Extension District - 8

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Corn Silage	12.00	Ton	\$38.80	\$465.60	\$232,800.00	\$232,800.00
Total Revenue				\$465.60	\$232,800.00	\$232,800.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Herbicide						
Post Plant Herbicide	1	Acre	\$15.00	\$15.00	\$7,500.00	\$7,500.00
Seed						
HR Corn Silage Seed	24	Thousand	\$4.00	\$96.00	\$48,000.00	\$48,000.00
Fertilizer						
18-46-0	150	Pound	\$0.26	\$39.00	\$19,500.00	\$19,500.00
0-0-60	100	Pound	\$0.20	\$20.00	\$10,000.00	\$10,000.00
46-0-0	220	Pound	\$0.20	\$44.00	\$22,000.00	\$22,000.00
Custom						
Custom Fertilize	1	Acre	\$8.00	\$8.00	\$4,000.00	\$4,000.00
Custom Harvest and Haul Silage	12	Ton	\$8.00	\$96.00	\$48,000.00	\$48,000.00
Machinery Labor						
Tractors/Self-Propelled	0.25	Hour	\$10.00	\$2.50	\$1,250.00	\$1,250.00
Diesel Fuel						
Tractors/Self-Propelled	1.91	Gallon	\$2.85	\$5.44	\$2,721.75	\$2,721.75
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$4.61	\$4.61	\$2,305.15	\$2,305.15
Implements	1	Acre	\$10.05	\$10.05	\$5,022.75	\$5,022.75
Interest on Credit Line			4.75%	\$3.86	\$1,931.76	\$1,931.76
Total Variable Costs				\$344.46	\$172,231.40	\$172,231.40
Planned Returns Above Variable Costs:				\$121.14	\$60,568.60	\$60,568.60
Breakeven Price to Cover Variable Costs			\$28.71	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$4.76	\$4.76	\$2,381.98	\$2,381.98
Implements	1	Acre	\$13.03	\$13.03	\$6,515.57	\$6,515.57
Equipment Investment						
Tractors/Self-Propelled	\$37.11	Dollars	6.00%	\$2.23	\$1,113.39	\$1,113.39
Implements	\$55.74	Dollars	6.00%	\$3.34	\$1,672.33	\$1,672.33
Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$15,000.00	\$15,000.00
Total Fixed Costs				\$53.37	\$26,683.27	\$26,683.27
Total Specified Costs				\$397.83	\$198,914.67	\$198,914.67
Returns Above Specified Costs				\$67.77	\$33,885.33	\$33,885.33
Breakeven Price to Cover Total Costs			\$33.15	Ton		

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	9.00	\$38.27	\$44.20
90%	10.80	\$31.89	\$36.84
100%	12.00	\$28.71	\$33.15
110%	13.20	\$26.10	\$30.14
125%	15.00	\$22.96	\$26.52

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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.