

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Acre
Corn, Reduced Tillage, Furrow Irrigated, Rio Grande Valley - 100 Acres
South Extension District - 12

Crop Acres		100			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Corn	140.00	Bushel	\$4.32	\$604.80	\$60,480.00
Total Revenue				\$604.80	\$60,480.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Custom Harvest Corn	140	Bushel	\$0.33	\$46.20	\$4,620.00
Custom Haul Corn	140	Bushel	\$0.16	\$22.40	\$2,240.00
Fertilizer					
UAN (32% N)	2.6	CWT	\$14.00	\$36.40	\$3,640.00
Herbicide					
Glyphosate	1.25	Pint	\$2.48	\$3.10	\$310.00
AAtrex 4L	2	Pint	\$2.35	\$4.71	\$470.80
Seed					
Corn Seed	25	Thousand	\$2.61	\$65.25	\$6,525.00
Miscellaneous					
Insurance, Corn	1	Acre	\$7.50	\$7.50	\$750.00
Other Labor					
Unallocated Labor	0.2096	Hour	\$12.00	\$2.52	\$251.52
Irrigation					
Water Cost	0.80	Acre/Foot	\$20.00	\$16.00	\$1,600.00
Irrigation Labor	2.20	Hour	\$12.00	\$26.40	\$2,640.00
Machinery Labor					
Tractors/Self-Propelled	0.79	Hour	\$12.00	\$9.48	\$948.00
Diesel Fuel					
Tractors/Self-Propelled	3.52	Gallon	\$2.10	\$7.39	\$739.20
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$5.43	\$5.43	\$543.13
Implements	1	Acre	\$10.02	\$10.02	\$1,001.76
Interest on Credit Line			5.00%	\$3.67	\$366.54
Total Variable Costs				\$266.46	\$26,645.96
Planned Returns Above Variable Costs:				\$338.34	\$33,834.04
Breakeven Price to Cover Variable Costs			\$1.90	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$5.61	\$5.61	\$561.24
Implements	1	Acre	\$11.96	\$11.96	\$1,195.75
Equipment Investment					
Tractors/Self-Propelled	\$43.72	Dollars	7.00%	\$3.06	\$306.06
Implements	\$60.73	Dollars	7.00%	\$4.25	\$425.12
Total Fixed Costs				\$24.88	\$2,488.16
Total Specified Costs				\$291.34	\$29,134.12
Returns Above Specified Costs				\$313.46	\$31,345.88
Breakeven Price to Cover Total Costs			\$2.08	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	105.00	\$2.54	\$2.77
90%	126.00	\$2.11	\$2.31
100%	140.00	\$1.90	\$2.08
110%	154.00	\$1.73	\$1.89
125%	175.00	\$1.52	\$1.66

Developed by Samuel Zapata, Assistant 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.