

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2017 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	0.77	Hour	\$12.00	\$9.24	\$924.00
Diesel Fuel					
Tractors/Self-Propelled	3.41	Gallon	\$2.10	\$7.16	\$716.10
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$6.60	\$6.60	\$660.34
Implements	1	Acre	\$8.46	\$8.46	\$845.87
Interest on Credit Line			5.00%	\$3.65	\$364.99
Total Variable Costs				\$265.59	\$26,558.61
Planned Returns Above Variable Costs:				\$339.21	\$33,921.39
Breakeven Price to Cover Variable Costs			\$1.90	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$6.82	\$6.82	\$682.35
Implements	1	Acre	\$10.38	\$10.38	\$1,037.58
Equipment Investment					
Tractors/Self-Propelled	\$53.16	Dollars	7.00%	\$3.72	\$372.10
Implements	\$50.79	Dollars	7.00%	\$3.56	\$355.56
Total Fixed Costs				\$24.48	\$2,447.59
Total Specified Costs				\$290.06	\$29,006.20
Returns Above Specified Costs				\$314.74	\$31,473.80
Breakeven Price to Cover Total Costs			\$2.07	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	105.00	\$2.53	\$2.76
90%	126.00	\$2.11	\$2.30
100%	140.00	\$1.90	\$2.07
110%	154.00	\$1.72	\$1.88
125%	175.00	\$1.52	\$1.66

Developed by Samuel Zapata, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension, 956-968-5581.

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.