

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2019 Estimated Costs and Returns per Acre**  
**Corn, Reduced Tillage, Furrow Irrigated, Rio Grande Valley**  
**South Extension District - 12**

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Corn	140.00	Bushel	\$3.80	\$532.00	\$532.00	\$53,200.00
Total Revenue				\$532.00	\$532.00	\$53,200.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
Custom						
Custom Harvest and Hauling Corn	140	Bushel	\$0.49	\$68.60	\$68.60	\$6,860.00
Fertilizer						
UAN (32% N)	2.6	CWT	\$15.25	\$39.65	\$39.65	\$3,965.00
Herbicide						
Glyphosate	1.25	Pint	\$1.56	\$1.95	\$1.95	\$195.31
AAtrex 4L	2	Pint	\$2.48	\$4.95	\$4.95	\$495.28
Seed						
Corn Seed	30	Thousand	\$3.13	\$93.75	\$93.75	\$9,375.00
Miscellaneous						
Insurance, Corn	1	Acre	\$47.36	\$47.36	\$47.36	\$4,736.00
Other Labor						
Unallocated Labor	0.2096	Hour	\$12.00	\$2.52	\$2.52	\$251.52
Irrigation						
Water Cost	0.80	Acre/Foot	\$20.00	\$16.00	\$16.00	\$1,600.00
Irrigation Labor	2.20	Hour	\$12.00	\$26.40	\$26.40	\$2,640.00
Machinery Labor						
Tractors/Self-Propelled	0.77	Hour	\$12.00	\$9.24	\$9.24	\$924.00
Diesel Fuel						
Tractors/Self-Propelled	3.41	Gallon	\$2.30	\$7.84	\$7.84	\$784.30
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$6.40	\$6.40	\$6.40	\$640.11
Implements	1	Acre	\$8.33	\$8.33	\$8.33	\$832.85
Interest on Credit Line			5.00%	\$4.52	\$4.52	\$452.26
Total Variable Costs				\$337.52	\$337.52	\$33,751.63
Planned Returns Above Variable Costs:				\$194.48	\$194.48	\$19,448.37
Breakeven Price to Cover Variable Costs			\$2.41	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$6.61	\$6.61	\$6.61	\$661.44
Implements	1	Acre	\$10.23	\$10.23	\$10.23	\$1,022.87
Equipment Investment						
Tractors/Self-Propelled	\$51.53	Dollars	7.00%	\$3.61	\$3.61	\$360.70
Implements	\$50.26	Dollars	7.00%	\$3.52	\$3.52	\$351.85
Cash Rent, Irrigated	1	Acre	\$85.00	\$85.00	\$85.00	\$8,500.00
Total Fixed Costs				\$108.97	\$108.97	\$10,896.86
Total Specified Costs				\$446.48	\$446.48	\$44,648.49
Returns Above Specified Costs				\$85.52	\$85.52	\$8,551.51
Breakeven Price to Cover Total Costs			\$3.19	Bushel		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	105.00	\$3.21	\$4.25
90%	126.00	\$2.68	\$3.54
100%	140.00	\$2.41	\$3.19
110%	154.00	\$2.19	\$2.90
125%	175.00	\$1.93	\$2.55

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.**