

2021 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		
Corn	140.00	Bushel	\$4.00	\$560.00	\$56,000.00		
Total Revenue				\$560.00	\$56,000.00		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Production Costs							
Herbicide							
Glyphosate	1.25	Pint	\$3.01	\$3.76	\$375.94		
AAtrex 4L	2	Pint	\$3.96	\$7.92	\$792.05		
Fertilizer							
UAN (32% N)	3.61	CWT	\$12.65	\$45.67	\$4,566.65		
Seed							
Corn Seed	30	Thousand	\$3.00	\$90.00	\$9,000.00		
Custom							
Custom Harvest and Hauling Corn	140	Bushel	\$0.65	\$91.00	\$9,100.00		
Miscellaneous							
Insurance, Corn	1	Acre	\$12.00	\$12.00	\$1,200.00		
Other Labor							
Unallocated Labor	0.2096	Hour	\$12.00	\$2.52	\$251.52		
Irrigation							
Water Cost	1.20	Acre/Foot	\$20.00	\$24.00	\$2,400.00		
Irrigation Labor	3.30	Hour	\$12.00	\$39.60	\$3,960.00		
Machinery Labor							
Tractors/Self-Propelled	0.9	Hour	\$12.00	\$10.80	\$1,080.00		
Diesel Fuel							
Tractors/Self-Propelled	4.31	Gallon	\$2.00	\$8.62	\$862.00		
Repairs & Maintenance							
Tractors/Self-Propelled	1	Acre	\$8.62	\$8.62	\$862.10		
Implements	1	Acre	\$10.52	\$10.52	\$1,052.11		
Interest on Credit Line			5.00%	\$5.53	\$553.04		
Total Variable Costs				\$360.55	\$36,055.39		
Planned Returns Above Variable Costs:				\$199.45	\$19,944.61		
Breakeven Price to Cover Variable Costs			\$2.58	Bushel			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Machinery Depreciation							
Tractors/Self-Propelled	1	Acre	\$8.91	\$8.91	\$890.83		
Implements	1	Acre	\$12.78	\$12.78	\$1,278.36		
Equipment Investment							
Tractors/Self-Propelled	\$69.40	Dollars	7.00%	\$4.86	\$485.79		
Implements	\$63.74	Dollars	7.00%	\$4.46	\$446.16		
Cash Rent, Irrigated	1	Acre	\$85.00	\$85.00	\$8,500.00		
Total Fixed Costs				\$116.01	\$11,601.14		
Total Specified Costs				\$476.57	\$47,656.53		
Returns Above Specified Costs				\$83.43	\$8,343.47		
Breakeven Price to Cover Total Costs			\$3.40	Bushel			

Developed by Samuel Zapata, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension, 956-968-5587

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.

