

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

Crop Acres		100		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Corn	140.00	Bushel	\$3.80	\$532.00	\$53,200.00
Total Revenue				\$532.00	\$53,200.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Custom Harvest and Hauling Corn	140	Bushel	\$0.49	\$68.60	\$6,860.00
Fertilizer					
UAN (32% N)	2.6	CWT	\$15.25	\$39.65	\$3,965.00
Herbicide					
AAtrex 4L	2	Pint	\$2.48	\$4.95	\$495.28
Seed					
Corn Seed	30	Thousand	\$3.13	\$93.75	\$9,375.00
Miscellaneous					
Insurance, Corn	1	Acre	\$47.36	\$47.36	\$4,736.00
Other Labor					
Unallocated Labor	0.4736	Hour	\$12.00	\$5.68	\$568.32
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	0.99	Hour	\$12.00	\$11.88	\$1,188.00
Diesel Fuel					
Tractors/Self-Propelled	5.63	Gallon	\$2.30	\$12.95	\$1,294.90
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$12.00	\$12.00	\$1,199.64
Implements	1	Acre	\$11.94	\$11.94	\$1,193.61
Interest on Credit Line			5.00%	\$5.02	\$501.81
Total Variable Costs				\$356.18	\$35,617.56
Planned Returns Above Variable Costs:				\$175.82	\$17,582.44
Breakeven Price to Cover Variable Costs			\$2.54	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$12.40	\$12.40	\$1,239.63
Implements	1	Acre	\$14.20	\$14.20	\$1,419.72
Equipment Investment					
Tractors/Self-Propelled	\$96.57	Dollars	7.00%	\$6.76	\$676.00
Implements	\$66.80	Dollars	7.00%	\$4.68	\$467.60
Cash Rent, Irrigated	1	Acre	\$85.00	\$85.00	\$8,500.00
Total Fixed Costs				\$123.03	\$12,302.95
Total Specified Costs				\$479.21	\$47,920.51
Returns Above Specified Costs				\$52.79	\$5,279.49
Breakeven Price to Cover Total Costs			\$3.42	Bushel	

Example Breakeven Prices				
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs	
75%	105.00	\$3.39	\$4.56	
90%	126.00	\$2.83	\$3.80	
100%	140.00	\$2.54	\$3.42	
110%	154.00	\$2.31	\$3.11	
125%	175.00	\$2.04	\$2.74	

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.