

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 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	\$3.65	\$511.00	\$51,100.00
Total Revenue					\$511.00	\$51,100.00
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)		3.61	CWT	\$15.25	\$55.05	\$5,505.25
Herbicide						
Glyphosate		1.25	Pint	\$1.56	\$1.95	\$195.31
AAtrex 4L		2	Pint	\$2.48	\$4.95	\$495.28
Seed						
Corn Seed		30	Thousand	\$3.00	\$90.00	\$9,000.00
Miscellaneous						
Insurance, Corn		1	Acre	\$18.00	\$18.00	\$1,800.00
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		0.89	Hour	\$12.00	\$10.68	\$1,068.00
Diesel Fuel						
Tractors/Self-Propelled		4.26	Gallon	\$2.30	\$9.80	\$979.80
Repairs & Maintenance						
Tractors/Self-Propelled		1	Acre	\$8.47	\$8.47	\$846.82
Implements		1	Acre	\$9.82	\$9.82	\$981.97
Interest on Credit Line				5.00%	\$5.59	\$558.61
Total Variable Costs					\$349.03	\$34,902.56
Planned Returns Above Variable Costs:					\$161.97	\$16,197.44
Breakeven Price to Cover Variable Costs				\$2.49	Bushel	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
Tractors/Self-Propelled		1	Acre	\$8.75	\$8.75	\$875.05
Implements		1	Acre	\$12.08	\$12.08	\$1,207.87
Equipment Investment						
Tractors/Self-Propelled		\$68.17	Dollars	7.00%	\$4.77	\$477.19
Implements		\$59.21	Dollars	7.00%	\$4.14	\$414.45
Cash Rent, Irrigated		1	Acre	\$85.00	\$85.00	\$8,500.00
Total Fixed Costs					\$114.75	\$11,474.56
Total Specified Costs					\$463.77	\$46,377.12
Returns Above Specified Costs					\$47.23	\$4,722.88
Breakeven Price to Cover Total Costs				\$3.31	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	105.00	\$3.32	\$4.42
90%	126.00	\$2.77	\$3.68
100%	140.00	\$2.49	\$3.31
110%	154.00	\$2.27	\$3.01
125%	175.00	\$1.99	\$2.65

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.