

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 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	\$3.65	\$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						
Prowl 3.3 EC		3.6	Pint	\$5.92	\$21.32	\$2,132.19
Glyphosate		1.25	Pint	\$1.56	\$1.95	\$195.31
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		0.4736	Hour	\$12.00	\$5.68	\$568.32
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		1.34	Hour	\$12.00	\$16.08	\$1,608.00
Diesel Fuel						
Tractors/Self-Propelled		8.11	Gallon	\$2.30	\$18.65	\$1,865.30
Repairs & Maintenance						
Tractors/Self-Propelled		1	Acre	\$18.02	\$18.02	\$1,802.49
Implements		1	Acre	\$17.06	\$17.06	\$1,706.19
Interest on Credit Line				5.00%	\$6.82	\$682.05
Total Variable Costs					\$400.85	\$40,085.11
Planned Returns Above Variable Costs:					\$110.15	\$11,014.89
Breakeven Price to Cover Variable Costs				\$2.86	Bushel	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
Tractors/Self-Propelled		1	Acre	\$18.63	\$18.63	\$1,862.57
Implements		1	Acre	\$19.93	\$19.93	\$1,993.37
Equipment Investment						
Tractors/Self-Propelled		\$145.10	Dollars	7.00%	\$10.16	\$1,015.70
Implements		\$92.16	Dollars	7.00%	\$6.45	\$645.14
Cash Rent, Irrigated		1	Acre	\$85.00	\$85.00	\$8,500.00
Total Fixed Costs					\$140.17	\$14,016.78
Total Specified Costs					\$541.02	\$54,101.89
Returns Above Specified Costs					(\$30.02)	(\$3,001.89)
Breakeven Price to Cover Total Costs				\$3.86	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	105.00	\$3.82	\$5.15
90%	126.00	\$3.18	\$4.29
100%	140.00	\$2.86	\$3.86
110%	154.00	\$2.60	\$3.51
125%	175.00	\$2.29	\$3.09

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.