

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2017 Estimated Costs and Returns per Acre
Corn, Conventional Tillage, Furrow Irrigated, Rio Grande Valley - 100 Acres
South Extension District - 12

Crop Acres		100			
				Total	Enterprise Total
REVENUE					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Corn	140.00	Bushel	\$4.32	\$604.80	\$60,480.00
Total Revenue				\$604.80	\$60,480.00
VARIABLE COSTS					
				Total	Enterprise Total
Production Costs					
Custom					
Custom Harvest Corn	140	Bushel	\$0.33	\$46.20	\$4,620.00
Custom Haul Corn	140	Bushel	\$0.16	\$22.40	\$2,240.00
Fertilizer					
UAN (32% N)	2.6	CWT	\$14.00	\$36.40	\$3,640.00
Herbicide					
AAtrex 4L	2	Pint	\$2.35	\$4.71	\$470.80
Seed					
Corn Seed	25	Thousand	\$2.61	\$65.25	\$6,525.00
Miscellaneous					
Insurance, Corn	1	Acre	\$7.50	\$7.50	\$750.00
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	\$2.10	\$11.82	\$1,182.30
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$12.02	\$12.02	\$1,201.69
Implements	1	Acre	\$12.07	\$12.07	\$1,207.06
Interest on Credit Line					
			5.00%	\$3.98	\$398.36
Total Variable Costs				\$282.32	\$28,231.53
Planned Returns Above Variable Costs:				\$322.48	\$32,248.47
Breakeven Price to Cover Variable Costs				\$2.02	Bushel
FIXED COSTS					
				Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$12.42	\$12.42	\$1,241.75
Implements	1	Acre	\$14.35	\$14.35	\$1,435.03
Equipment Investment					
Tractors/Self-Propelled	\$96.74	Dollars	7.00%	\$6.77	\$677.15
Implements	\$67.36	Dollars	7.00%	\$4.72	\$471.53
Total Fixed Costs				\$38.25	\$3,825.45
Total Specified Costs				\$320.57	\$32,056.98
Returns Above Specified Costs				\$284.23	\$28,423.02
Breakeven Price to Cover Total Costs				\$2.29	Bushel

Example Breakeven Prices

Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	105.00	\$2.69	\$3.05
90%	126.00	\$2.24	\$2.54
100%	140.00	\$2.02	\$2.29
110%	154.00	\$1.83	\$2.08
125%	175.00	\$1.61	\$1.83

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.