

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 Estimated Costs and Returns per Acre
Corn, Reduced Tillage, Furrow Irrigated, Rio Grande Valley - 100 Acres
South Extension District - 12

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Corn	110.00	Bushel	\$6.25	\$687.50	\$68,750.00	\$68,750.00
Total Revenue				\$687.50	\$68,750.00	\$68,750.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Corn Seed	20	Thousand	\$3.19	\$63.80	\$6,380.00	\$6,380.00
Fertilizer						
UAN (32% N)	2.6	CWT	\$25.27	\$65.70	\$6,570.20	\$6,570.20
Herbicide						
Glyphosate	1.25	Pint	\$1.79	\$2.24	\$223.75	\$223.75
AAtrex 4L	2	Pint	\$2.28	\$4.56	\$456.00	\$456.00
Miscellaneous						
MPCI: Irrigated Corn	1	Acre	\$5.00	\$5.00	\$500.00	\$500.00
Custom						
Custom Harvest Corn	110	Bushel	\$0.33	\$36.30	\$3,630.00	\$3,630.00
Custom Haul Corn	110	Bushel	\$0.16	\$17.60	\$1,760.00	\$1,760.00
Irrigation						
Energy or Water Cost	0.80	Acre/Foot	\$20.00	\$16.00	\$1,600.00	\$1,600.00
Irrigation Labor	2.20	Hour	\$9.00	\$19.80	\$1,980.00	\$1,980.00
Other Labor						
Unallocated Labor	0.2096	Hour	\$9.00	\$1.89	\$188.64	\$188.64
Machinery Labor						
Tractors/Self-Propelled	0.37	Hour	\$9.00	\$3.33	\$333.00	\$333.00
Diesel Fuel						
Tractors/Self-Propelled	1.71	Gallon	\$3.25	\$5.56	\$555.75	\$555.75
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$2.40	\$2.40	\$240.37	\$240.37
Implements	1	Acre	\$3.81	\$3.81	\$381.44	\$381.44
Interest on Credit Line			9.00%	\$7.08	\$708.32	\$708.32
Total Variable Costs				\$255.07	\$25,507.47	\$25,507.47
Planned Returns Above Variable Costs:				\$432.43	\$43,242.53	\$43,242.53
Breakeven Price to Cover Variable Costs			\$2.32	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$3.20	\$3.20	\$320.49	\$320.49
Implements	1	Acre	\$5.87	\$5.87	\$586.96	\$586.96
Equipment Investment						
Tractors/Self-Propelled	\$56.09	Dollars	9.00%	\$5.05	\$504.78	\$504.78
Implements	\$61.55	Dollars	9.00%	\$5.54	\$553.94	\$553.94
Total Fixed Costs				\$19.66	\$1,966.17	\$1,966.17
Total Specified Costs				\$274.74	\$27,473.64	\$27,473.64
Returns Above Specified Costs				\$412.76	\$41,276.36	\$41,276.36
Breakeven Price to Cover Total Costs			\$2.50	Bushel		

Example Breakeven Prices						
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	82.50	\$3.09	\$4.61	\$3.33	\$4.97	\$0.00
90%	99.00	\$2.58	\$3.85	\$2.78	\$4.14	\$0.00
100%	110.00	\$2.32	\$3.46	\$2.50	\$3.73	\$0.00
110%	121.00	\$2.11	\$3.15	\$2.27	\$3.39	\$0.00
125%	137.50	\$1.86	\$2.77	\$2.00	\$2.98	\$0.00

Developed by Luis Ribera, Associate Professor and Extension Economist, Texas A&M AgriLife Extension.

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.