

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

Crop Acres		100				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Corn		110.00	Bushel	\$6.25	\$687.50	\$68,750.00
Total Revenue					\$687.50	\$68,750.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
	Corn Seed	20	Thousand	\$3.19	\$63.80	\$6,380.00
Fertilizer						
	UAN (32% N)	2.6	CWT	\$25.27	\$65.70	\$6,570.20
Herbicide						
	AAtrex 4L	2	Pint	\$2.28	\$4.56	\$456.00
Miscellaneous						
	MPCI: Irrigated Corn	1	Acre	\$5.00	\$5.00	\$500.00
Custom						
	Custom Harvest Corn	110	Bushel	\$0.33	\$36.30	\$3,630.00
	Custom Haul Corn	110	Bushel	\$0.16	\$17.60	\$1,760.00
Irrigation						
	Energy or Water Cost	0.80	Acre/Foot	\$20.00	\$16.00	\$1,600.00
	Irrigation Labor	2.20	Hour	\$9.00	\$19.80	\$1,980.00
Other Labor						
	Unallocated Labor	0.4736	Hour	\$9.00	\$4.26	\$426.24
Machinery Labor						
	Tractors/Self-Propelled	0.7	Hour	\$9.00	\$6.30	\$630.00
Diesel Fuel						
	Tractors/Self-Propelled	4.52	Gallon	\$3.25	\$14.69	\$1,469.00
Repairs & Maintenance						
	Tractors/Self-Propelled	1	Acre	\$3.81	\$3.81	\$381.33
	Implements	1	Acre	\$4.84	\$4.84	\$483.70
	Interest on Credit Line			9.00%	\$7.73	\$773.36
Total Variable Costs					\$270.40	\$27,039.83
Planned Returns Above Variable Costs:					\$417.10	\$41,710.17
Breakeven Price to Cover Variable Costs				\$2.46	Bushel	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Tractors/Self-Propelled	1	Acre	\$5.82	\$5.82	\$582.11
	Implements	1	Acre	\$7.24	\$7.24	\$724.14
Equipment Investment						
	Tractors/Self-Propelled	\$88.98	Dollars	9.00%	\$8.01	\$800.79
	Implements	\$73.27	Dollars	9.00%	\$6.59	\$659.40
Total Fixed Costs					\$27.66	\$2,766.45
Total Specified Costs					\$298.06	\$29,806.28
Returns Above Specified Costs					\$389.44	\$38,943.72
Breakeven Price to Cover Total Costs				\$2.71	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	\$3.28	\$4.89	\$3.61	\$5.39	\$0.00
90%	99.00	\$2.73	\$4.08	\$3.01	\$4.49	\$0.00
100%	110.00	\$2.46	\$3.67	\$2.71	\$4.04	\$0.00
110%	121.00	\$2.23	\$3.34	\$2.46	\$3.68	\$0.00
125%	137.50	\$1.97	\$2.94	\$2.17	\$3.24	\$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.