

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 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
Production Costs						Total
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
Fertilizer						
	UAN (32% N)	2.6	CWT	\$18.60	\$48.36	\$4,836.00
Herbicide						
	AAtrex 4L	2	Pint	\$2.08	\$4.16	\$416.00
Seed						
	Corn Seed	20	Thousand	\$2.15	\$43.00	\$4,300.00
Miscellaneous						
	MPCI: Irrigated Corn	1	Acre	\$5.00	\$5.00	\$500.00
Other Labor						
	Unallocated Labor	0.4736	Hour	\$9.00	\$4.26	\$426.24
Irrigation						
	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
Machinery Labor						
	Tractors/Self-Propelled	1.02	Hour	\$9.00	\$9.18	\$918.00
Diesel Fuel						
	Tractors/Self-Propelled	5.75	Gallon	\$3.00	\$17.25	\$1,725.00
Repairs & Maintenance						
	Tractors/Self-Propelled	1	Acre	\$10.40	\$10.40	\$1,039.51
	Implements	1	Acre	\$13.98	\$13.98	\$1,397.69
Interest on Credit Line						
				9.00%	\$6.96	\$695.73
Total Variable Costs					\$252.24	\$25,224.17
Planned Returns Above Variable Costs:					\$435.26	\$43,525.83
Breakeven Price to Cover Variable Costs				\$2.29	Bushel	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise
Machinery Depreciation						Total
	Tractors/Self-Propelled	1	Acre	\$10.74	\$10.74	\$1,074.16
	Implements	1	Acre	\$16.30	\$16.30	\$1,630.41
Equipment Investment						
	Tractors/Self-Propelled	\$121.28	Dollars	9.00%	\$10.91	\$1,091.48
	Implements	\$136.25	Dollars	9.00%	\$12.26	\$1,226.26
Total Fixed Costs					\$50.22	\$5,022.30
Total Specified Costs					\$302.46	\$30,246.47
Returns Above Specified Costs					\$385.04	\$38,503.53
Breakeven Price to Cover Total Costs				\$2.75	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	\$3.06	\$4.56	\$3.67	\$5.47	\$0.00
90%	99.00	\$2.55	\$3.80	\$3.06	\$4.56	\$0.00
100%	110.00	\$2.29	\$3.42	\$2.75	\$4.10	\$0.00
110%	121.00	\$2.08	\$3.11	\$2.50	\$3.73	\$0.00
125%	137.50	\$1.83	\$2.74	\$2.20	\$3.28	\$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.