

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

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Sugar Cane	35.00	Ton	\$21.00	\$735.00	\$735.00	\$73,500.00
Total Revenue				\$735.00	\$735.00	\$73,500.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Fertilizer						
UAN (32% N)	3	CWT	\$25.27	\$75.81		\$7,581.00
Foliar Iron Sulphate	0.5	Acre	\$10.25	\$5.13		\$512.50
Herbicide						
Atrazine 4L	6	Pint	\$1.72	\$10.32		\$1,032.00
Prowl 3.3 EC	5	Pint	\$5.51	\$27.55		\$2,755.00
Glyphosate	0.8	Pint	\$1.79	\$1.43		\$143.20
Atrazine 4L	6	Pint	\$1.72	\$10.32		\$1,032.00
Prowl 3.3 EC	5	Pint	\$5.51	\$27.55		\$2,755.00
Irrigation						
Energy or Water Cost	4.50	Acre/Foot	\$20.00	\$90.00		\$9,000.00
Irrigation Labor	6.30	Hour	\$9.00	\$56.70		\$5,670.00
Other Labor						
Labor - Weed Control	1.75	Hour	\$9.00	\$15.75		\$1,575.00
Unallocated Labor	0.4872	Hour	\$9.00	\$4.38		\$438.48
Machinery Labor						
Tractors/Self-Propelled	0.68	Hour	\$9.00	\$6.12		\$612.00
Diesel Fuel						
Tractors/Self-Propelled	4.39	Gallon	\$3.25	\$14.27		\$1,426.75
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$4.39	\$4.39		\$439.00
Implements	1	Acre	\$3.07	\$3.07		\$307.33
Interest on Credit Line			9.00%	\$21.45		\$2,144.56
Total Variable Costs				\$374.24	\$374.24	\$37,423.81
Planned Returns Above Variable Costs:				\$360.76	\$360.76	\$36,076.19
Breakeven Price to Cover Variable Costs			\$10.69	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$6.43	\$6.43		\$643.23
Implements	1	Acre	\$4.47	\$4.47		\$446.99
Equipment Investment						
Tractors/Self-Propelled	\$95.19	Dollars	9.00%	\$8.57		\$856.75
Implements	\$46.45	Dollars	9.00%	\$4.18		\$418.08
Cash Rent, Sugar Cane	1	Acre	\$110.00	\$110.00		\$11,000.00
Total Fixed Costs				\$133.65	\$133.65	\$13,365.05
Total Specified Costs				\$507.89	\$507.89	\$50,788.86
Returns Above Specified Costs				\$227.11	\$227.11	\$22,711.14
Breakeven Price to Cover Total Costs			\$14.51	Ton		

Example Breakeven Prices						
Example Yield Percent	Example Yield Ton	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	26.25	\$14.26	\$14.26	\$19.35	\$19.35	\$0.00
90%	31.50	\$11.88	\$11.88	\$16.12	\$16.12	\$0.00
100%	35.00	\$10.69	\$10.69	\$14.51	\$14.51	\$0.00
110%	38.50	\$9.72	\$9.72	\$13.19	\$13.19	\$0.00
125%	43.75	\$8.55	\$8.55	\$11.61	\$11.61	\$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.