

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2015 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
Sugar Cane		35.00	Ton	\$21.00	\$735.00	\$73,500.00
Total Revenue					\$735.00	\$73,500.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Fertilizer						
	UAN (32% N)	3	CWT	\$18.60	\$55.80	\$5,580.00
	Foliar Iron Sulphate	0.5	Acre	\$12.55	\$6.28	\$627.50
	Fertilizer 10-34-0	2	CWT	\$26.00	\$52.00	\$5,200.00
Herbicide						
	Atrazine 4L	12	Pint	\$1.93	\$23.16	\$2,316.00
	Prowl 3.3 EC	10	Pint	\$5.63	\$56.30	\$5,630.00
	Glyphosate	0.8	Pint	\$2.25	\$1.80	\$180.00
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
Irrigation						
	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
Machinery Labor						
	Tractors/Self-Propelled	0.67	Hour	\$9.00	\$6.03	\$603.00
Diesel Fuel						
	Tractors/Self-Propelled	4.62	Gallon	\$3.00	\$13.86	\$1,386.00
Repairs & Maintenance						
	Tractors/Self-Propelled	1	Acre	\$8.14	\$8.14	\$813.80
	Implements	1	Acre	\$7.04	\$7.04	\$704.35
	Interest on Credit Line			9.00%	\$24.70	\$2,469.84
Total Variable Costs					\$421.94	\$42,193.97
Planned Returns Above Variable Costs:					\$313.06	\$31,306.03
Breakeven Price to Cover Variable Costs				\$12.06	Ton	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Tractors/Self-Propelled	1	Acre	\$9.28	\$9.28	\$927.89
	Implements	1	Acre	\$7.65	\$7.65	\$764.59
Equipment Investment						
	Tractors/Self-Propelled	\$104.92	Dollars	9.00%	\$9.44	\$944.24
	Implements	\$70.30	Dollars	9.00%	\$6.33	\$632.74
	Cash Rent, Sugar Cane	1	Acre	\$110.00	\$110.00	\$11,000.00
Total Fixed Costs					\$142.69	\$14,269.47
Total Specified Costs					\$564.63	\$56,463.44
Returns Above Specified Costs					\$170.37	\$17,036.56
Breakeven Price to Cover Total Costs				\$16.13	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	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	26.25	\$16.07	\$16.07	\$21.51	\$21.51	\$0.00
90%	31.50	\$13.39	\$13.39	\$17.92	\$17.92	\$0.00
100%	35.00	\$12.06	\$12.06	\$16.13	\$16.13	\$0.00
110%	38.50	\$10.96	\$10.96	\$14.67	\$14.67	\$0.00
125%	43.75	\$9.64	\$9.64	\$12.91	\$12.91	\$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.