

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2019 Estimated Costs and Returns per Acre
Sugar Cane, Ratoon, Furrow Irrigated, Rio Grande Valley
South Extension District - 12

Crop Acres		100		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Sugar Cane	38.00	Ton	\$20.00	\$760.00	\$76,000.00
Total Revenue				\$760.00	\$76,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Fixed Harvesting - SC	1	Acre	\$168.00	\$168.00	\$16,800.00
Variable Harvesting - SC	38	Ton	\$3.67	\$139.46	\$13,946.00
Hauling - SC	38	Ton	\$3.36	\$127.68	\$12,768.00
Fertilizer					
UAN (32% N)	3.3	CWT	\$15.25	\$50.33	\$5,032.50
Fertilizer 10-34-0	2.4	CWT	\$35.00	\$84.01	\$8,400.60
Iron Chelate	5.5	Pound	\$5.39	\$29.62	\$2,961.75
Herbicide					
Atrazine 4L	12	Pint	\$1.90	\$22.85	\$2,284.94
Pendimethalin	9.6	Pint	\$6.11	\$58.68	\$5,867.64
Glyphosate	0.8	Pint	\$1.56	\$1.25	\$125.00
Miscellaneous					
Insurance, Sugarcane	1	Acre	\$17.50	\$17.50	\$1,750.00
Other Labor					
Labor - Weed Control	1.75	Hour	\$12.00	\$21.00	\$2,100.00
Unallocated Labor	0.4872	Hour	\$12.00	\$5.85	\$584.64
Irrigation					
Water Cost	5.00	Acre/Foot	\$20.00	\$100.00	\$10,000.00
Irrigation Labor	7.00	Hour	\$12.00	\$84.00	\$8,400.00
Machinery Labor					
Tractors/Self-Propelled	0.68	Hour	\$12.00	\$8.16	\$816.00
Diesel Fuel					
Tractors/Self-Propelled	4.65	Gallon	\$2.30	\$10.70	\$1,069.50
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$9.58	\$9.58	\$958.03
Implements	1	Acre	\$5.91	\$5.91	\$591.33
Interest on Credit Line			5.00%	\$17.03	\$1,703.26
Total Variable Costs				\$961.59	\$96,159.19
Planned Returns Above Variable Costs:				(\$201.59)	(\$20,159.19)
Breakeven Price to Cover Variable Costs			\$25.31	Ton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$10.87	\$10.87	\$1,087.02
Implements	1	Acre	\$7.72	\$7.72	\$772.45
Equipment Investment					
Tractors/Self-Propelled	\$84.23	Dollars	7.00%	\$5.90	\$589.62
Implements	\$34.09	Dollars	7.00%	\$2.39	\$238.65
Cash Rent, Sugar Cane	1	Acre	\$110.00	\$110.00	\$11,000.00
Total Fixed Costs				\$136.88	\$13,687.74
Total Specified Costs				\$1,098.47	\$109,846.93
Returns Above Specified Costs				(\$338.47)	(\$33,846.93)
Breakeven Price to Cover Total Costs			\$28.91	Ton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	28.50	\$33.74	\$38.54
90%	34.20	\$28.12	\$32.12
100%	38.00	\$25.31	\$28.91
110%	41.80	\$23.00	\$26.28
125%	47.50	\$20.24	\$23.13

Developed by Samuel Zapata, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension, 956-968-5581.

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.