

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 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	\$29.21	\$1,110.06	\$111,005.60
Total Revenue				\$1,110.06	\$111,005.60
				Enterprise	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Custom					
Fixed Harvesting - SC	1	Acre	\$145.00	\$145.00	\$14,500.00
Variable Harvesting - SC	38	Ton	\$3.87	\$147.06	\$14,706.00
Hauling - SC	38	Ton	\$3.96	\$150.48	\$15,048.00
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	\$16.00	\$16.00	\$1,600.00
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	\$10.13	\$10.13	\$1,013.30
Implements	1	Acre	\$6.04	\$6.04	\$604.23
Interest on Credit Line			5.00%	\$17.05	\$1,704.97
Total Variable Costs				\$968.19	\$96,819.07
Planned Returns Above Variable Costs:				\$141.87	\$14,186.53
Breakeven Price to Cover Variable Costs			\$25.48	Ton	
				Enterprise	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$11.57	\$11.57	\$1,157.21
Implements	1	Acre	\$7.91	\$7.91	\$790.73
Equipment Investment					
Tractors/Self-Propelled	\$89.64	Dollars	7.00%	\$6.27	\$627.47
Implements	\$34.91	Dollars	7.00%	\$2.44	\$244.37
Cash Rent, Sugar Cane	1	Acre	\$110.00	\$110.00	\$11,000.00
Total Fixed Costs				\$138.20	\$13,819.78
Total Specified Costs				\$1,106.39	\$110,638.85
Returns Above Specified Costs				\$3.67	\$366.75
Breakeven Price to Cover Total Costs			\$29.12	Ton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	28.50	\$33.97	\$38.82
90%	34.20	\$28.31	\$32.35
100%	38.00	\$25.48	\$29.12
110%	41.80	\$23.16	\$26.47
125%	47.50	\$20.38	\$23.29

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.