

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2018 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	Total
Sugar Cane	38.00	Ton	\$17.00	\$646.00	\$64,600.00	\$64,600.00
Total Revenue				\$646.00	\$64,600.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Custom						
Fixed Harvesting - SC	1	Acre	\$160.00	\$160.00	\$16,000.00	
Variable Harvesting - SC	38	Ton	\$3.50	\$133.00	\$13,300.00	
Hauling - SC	38	Ton	\$3.20	\$121.60	\$12,160.00	
Fertilizer						
UAN (32% N)	3.3	CWT	\$15.08	\$49.76	\$4,975.74	
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	\$2.61	\$2.09	\$208.72	
Miscellaneous						
Insurance, Sugarcane	1	Acre	\$15.00	\$15.00	\$1,500.00	
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	\$2.10	\$9.77	\$976.50	
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$9.56	\$9.56	\$955.78	
Implements	1	Acre	\$6.08	\$6.08	\$608.26	
Interest on Credit Line			5.00%	\$17.00	\$1,699.97	
Total Variable Costs				\$938.01	\$93,800.54	
Planned Returns Above Variable Costs:				(\$292.01)	(\$29,200.54)	
Breakeven Price to Cover Variable Costs			\$24.68	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$10.83	\$10.83	\$1,082.92	
Implements	1	Acre	\$7.91	\$7.91	\$790.54	
Equipment Investment						
Tractors/Self-Propelled	\$83.92	Dollars	7.00%	\$5.87	\$587.44	
Implements	\$34.87	Dollars	7.00%	\$2.44	\$244.11	
Cash Rent, Sugar Cane	1	Acre	\$110.00	\$110.00	\$11,000.00	
Total Fixed Costs				\$137.05	\$13,705.01	
Total Specified Costs				\$1,075.06	\$107,505.55	
Returns Above Specified Costs				(\$429.06)	(\$42,905.55)	
Breakeven Price to Cover Total Costs			\$28.29	Ton		

Example Breakeven Prices

Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	28.50	\$32.91	\$37.72
90%	34.20	\$27.43	\$31.43
100%	38.00	\$24.68	\$28.29
110%	41.80	\$22.44	\$25.72
125%	47.50	\$19.75	\$22.63

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.