

**2020 Estimated Costs and Returns per Acre
Sugar Cane, Planted, Furrow Irrigated, Rio Grande Valley
South Extension District - 12**

| Crop Acres | | 100 | | | |
|--|----------|-----------|----------------|-------------------|----------------------|
| REVENUE | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Sugar Cane | 50.00 | Ton | \$29.21 | \$1,460.60 | \$146,060.00 |
| Total Revenue | | | | \$1,460.60 | \$146,060.00 |
| VARIABLE COSTS | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Production Costs | | | | | |
| Custom | | | | | |
| Fixed Harvesting - SC | 1 | Acre | \$145.00 | \$145.00 | \$14,500.00 |
| Variable Harvesting - SC | 50 | Ton | \$3.87 | \$193.50 | \$19,350.00 |
| Hauling - SC | 50 | Ton | \$3.96 | \$198.00 | \$19,800.00 |
| Fertilizer | | | | | |
| Fertilizer 10-34-0 | 2.4 | CWT | \$35.00 | \$84.01 | \$8,400.60 |
| UAN (32% N) | 3.3 | CWT | \$15.25 | \$50.33 | \$5,032.50 |
| Herbicide | | | | | |
| Atrazine 4L | 6 | Pint | \$1.90 | \$11.42 | \$1,142.47 |
| Pendimethalin | 9.6 | Pint | \$6.11 | \$58.68 | \$5,867.64 |
| Miscellaneous | | | | | |
| Insurance, Sugarcane | 1 | Acre | \$16.00 | \$16.00 | \$1,600.00 |
| Seed | | | | | |
| Seed Cane | 1 | acre | \$1,200.00 | \$1,200.00 | \$120,000.00 |
| Other Labor | | | | | |
| Unallocated Labor | 0.5 | Hour | \$12.00 | \$6.00 | \$600.00 |
| Irrigation | | | | | |
| Water Cost | 5.50 | Acre/Foot | \$20.00 | \$110.00 | \$11,000.00 |
| Irrigation Labor | 7.70 | Hour | \$12.00 | \$92.40 | \$9,240.00 |
| Machinery Labor | | | | | |
| Tractors/Self-Propelled | 1.21 | Hour | \$12.00 | \$14.52 | \$1,452.00 |
| Diesel Fuel | | | | | |
| Tractors/Self-Propelled | 5.89 | Gallon | \$2.30 | \$13.55 | \$1,354.70 |
| Repairs & Maintenance | | | | | |
| Tractors/Self-Propelled | 1 | Acre | \$13.05 | \$13.05 | \$1,304.76 |
| Implements | 1 | Acre | \$10.45 | \$10.45 | \$1,044.73 |
| Interest on Credit Line | | | 5.00% | \$93.18 | \$9,318.18 |
| Total Variable Costs | | | | \$2,310.08 | \$231,007.58 |
| Planned Returns Above Variable Costs: | | | | (\$849.48) | (\$84,947.58) |
| Breakeven Price to Cover Variable Costs | | | \$46.20 | Ton | |
| FIXED COSTS | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Machinery Depreciation | | | | | |
| Tractors/Self-Propelled | 1 | Acre | \$13.48 | \$13.48 | \$1,348.26 |
| Implements | 1 | Acre | \$13.10 | \$13.10 | \$1,310.30 |
| Equipment Investment | | | | | |
| Tractors/Self-Propelled | \$105.03 | Dollars | 7.00% | \$7.35 | \$735.23 |
| Implements | \$56.94 | Dollars | 7.00% | \$3.99 | \$398.55 |
| Allocated Establishment Cost | 1 | Acre | \$2.11 | \$2.11 | \$211.00 |
| Cash Rent, Sugar Cane | 1 | Acre | \$110.00 | \$110.00 | \$11,000.00 |
| Total Fixed Costs | | | | \$150.03 | \$15,003.35 |
| Total Specified Costs | | | | \$2,460.11 | \$246,010.93 |
| Returns Above Specified Costs | | | | (\$999.51) | (\$99,950.93) |
| Breakeven Price to Cover Total Costs | | | \$49.20 | Ton | |

Example Breakeven Prices

| Example Yield Percent | Example Yield Ton | To Cover Variable Costs | To Cover Total Costs |
|-----------------------|-------------------|-------------------------|----------------------|
| 75% | 37.50 | \$61.60 | \$65.60 |
| 90% | 45.00 | \$51.34 | \$54.67 |
| 100% | 50.00 | \$46.20 | \$49.20 |
| 110% | 55.00 | \$42.00 | \$44.73 |
| 125% | 62.50 | \$36.96 | \$39.36 |

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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.