2024 Estimated Costs and Returns per Acre Sugar Cane, Ratoon, Furrow Irrigated, Rio Grande Valley South Extension District - 12

Crop Acres	100

REVENUE Quantity Units \$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Sugar Cane 38.00 Ton \$29.40 \$11,17.20 \$111,720.00 \$111,720
VARIABLE COSTS Quantity Units \$\(\) \(
VARIABLE COSTS Quantity Units \$/Unit Total Enterprise Total Production Costs Herbicide 34.77.00 \$34.77 \$3,477.00 \$34.77 \$3,477.00 \$34.77 \$3,477.00 \$34.77 \$3,477.00 \$67.18 \$6,717.60 \$67.18 \$11,204 \$11,205 \$14,000 \$14,000 \$14,000 \$14,000
VARIABLE COSTS Quantity Units \$/Unit Total Production Costs Herbicide Atrazine 4L 12 Pint \$2.90 \$34.77 \$3,477.06 Pendimethalin 9.6 Pint \$7.00 \$67.18 \$6,717.66 Glyphosate 0.8 Pint \$6.25 \$5.00 \$500.00 Fertilizer UAN (32% N) 3.3 CWT \$33.95 \$112.04 \$11,203.56 Fertilizer 10-34-0 2.4 CWT \$33.75 \$95.40 \$9,540.00 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 Miscellaneous Insurance, Sugarcane 1 Acre \$14.00 \$14.00 \$1,400.00 Other Labor Labor - Weed Control 1.75 Hour \$15.00 \$2,100.0 \$2,100.0
Production Costs
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Pendimethalin 9.6 Pint \$7.00 \$67.18 \$6,717.60 Glyphosate 0.8 Pint \$6.25 \$5.00 \$500.00 Fertilizer UAN (32% N) 3.3 CWT \$33.95 \$112.04 \$11,203.50 Fertilizer 10-34-0 2.4 CWT \$39.75 \$95.40 \$9,540.00 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 \$3.87 \$147.06 \$14,706.00 Miscellaneous 1 Acre \$14.00 \$14.00 \$1,400.00 Other Labor 1 Acre \$14.00 \$14.00 \$1,400.00 Other Labor - Weed Control 1.75 Hour \$12.00 \$21.00 \$2,100.00 Unallocated Labor 0.4872 Hour \$15.00 \$7.31 \$730.80 Irrigation 700 Hour \$17.50 \$12.
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Fertilizer 10-34-0
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Fixed Harvesting - SC
Variable Harvesting - SC 38 Ton \$3.87 \$147.06 \$14,706.00 Hauling - SC 38 Ton \$3.96 \$150.48 \$15,048.00 Miscellaneous Insurance, Sugarcane 1 Acre \$14.00 \$14.00 \$1,400.00 Other Labor Labor - Weed Control 1.75 Hour \$12.00 \$21.00 \$2,100.00 Unallocated Labor 0.4872 Hour \$15.00 \$7.31 \$730.80 Irrigation Water Cost 5.00 Acre/Foot \$20.00 \$100.00 \$10,000.00 Irrigation Labor 7.00 Hour \$17.50 \$122.50 \$12,250.00 Machinery Labor 7.00 Hour \$17.21 \$12.05 \$1,204.70 Diesel Fuel 7.70 Hour \$17.21 \$12.05 \$1,204.70 Tractors/Self-Propelled 4.81 Gallon \$3.60 \$17.32 \$1,731.60
Hauling - SC 38 Ton \$3.96 \$150.48 \$15,048.00 Miscellaneous Insurance, Sugarcane 1 Acre \$14.00 \$14.00 \$1,400.00 Other Labor Labor - Weed Control 1.75 Hour \$12.00 \$21.00 \$2,100.00 Unallocated Labor 0.4872 Hour \$15.00 \$7.31 \$730.80 Irrigation Water Cost 5.00 Acre/Foot \$20.00 \$100.00 \$10,000.00 Irrigation Labor 7.00 Hour \$17.50 \$122.50 \$12,250.00 Machinery Labor Tractors/Self-Propelled 0.7 Hour \$17.21 \$12.05 \$1,204.70 Diesel Fuel Tractors/Self-Propelled 4.81 Gallon \$3.60 \$17.32 \$1,731.60
Miscellaneous Insurance, Sugarcane 1 Acre \$14.00 \$1,400.00 Other Labor Labor - Weed Control 1.75 Hour \$12.00 \$21.00 \$2,100.00 Unallocated Labor 0.4872 Hour \$15.00 \$7.31 \$730.80 Irrigation Water Cost 5.00 Acre/Foot \$20.00 \$100.00 \$10,000.00 Irrigation Labor 7.00 Hour \$17.50 \$122.50 \$12,250.00 Machinery Labor 7.00 Hour \$17.21 \$12.05 \$1,204.70 Diesel Fuel 7.70 Hour \$17.21 \$12.05 \$1,204.70 Tractors/Self-Propelled 4.81 Gallon \$3.60 \$17.32 \$1,731.60
Insurance, Sugarcane
Other Labor Labor - Weed Control 1.75 Hour \$12.00 \$21.00 \$2,100.00 Unallocated Labor 0.4872 Hour \$15.00 \$7.31 \$730.80 Irrigation Water Cost 5.00 Acre/Foot \$20.00 \$100.00 \$10,000.00 Irrigation Labor 7.00 Hour \$17.50 \$122.50 \$12,250.00 Machinery Labor Tractors/Self-Propelled 0.7 Hour \$17.21 \$12.05 \$1,204.70 Diesel Fuel Tractors/Self-Propelled 4.81 Gallon \$3.60 \$17.32 \$1,731.60
Labor - Weed Control 1.75 Hour \$12.00 \$21.00 \$2,100.00 Unallocated Labor 0.4872 Hour \$15.00 \$7.31 \$730.80 Irrigation Water Cost 5.00 Acre/Foot \$20.00 \$100.00 \$10,000.00 Irrigation Labor 7.00 Hour \$17.50 \$122.50 \$12,250.00 Machinery Labor Tractors/Self-Propelled 0.7 Hour \$17.21 \$12.05 \$1,204.70 Diesel Fuel Tractors/Self-Propelled 4.81 Gallon \$3.60 \$17.32 \$1,731.60
Unallocated Labor 0.4872 Hour \$15.00 \$7.31 \$730.80 Irrigation Water Cost 5.00 Acre/Foot \$20.00 \$100.00 \$10,000.00 Irrigation Labor 7.00 Hour \$17.50 \$122.50 \$12,250.00 Machinery Labor Tractors/Self-Propelled 0.7 Hour \$17.21 \$12.05 \$1,204.70 Diesel Fuel Tractors/Self-Propelled 4.81 Gallon \$3.60 \$17.32 \$1,731.60
Irrigation
Water Cost 5.00 Acre/Foot \$20.00 \$100.00 \$10,000.00 Irrigation Labor 7.00 Hour \$17.50 \$122.50 \$12,250.00 Machinery Labor Tractors/Self-Propelled 0.7 Hour \$17.21 \$12.05 \$1,204.70 Diesel Fuel Tractors/Self-Propelled 4.81 Gallon \$3.60 \$17.32 \$1,731.60
Irrigation Labor 7.00 Hour \$17.50 \$122.50 \$12,250.00
Machinery Labor Tractors/Self-Propelled 0.7 Hour \$17.21 \$12.05 \$1,204.70 Diesel Fuel Tractors/Self-Propelled 4.81 Gallon \$3.60 \$17.32 \$1,731.60
Tractors/Self-Propelled 0.7 Hour \$17.21 \$12.05 \$1,204.70 Diesel Fuel Tractors/Self-Propelled 4.81 Gallon \$3.60 \$17.32 \$1,731.60
Diesel Fuel Tractors/Self-Propelled 4.81 Gallon \$3.60 \$17.32 \$1,731.60
Tractors/Self-Propelled 4.81 Gallon \$3.60 \$17.32 \$1,731.60
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Treaters / Colf Premalled 1 Aprel #10.01 #10.01 #1.000.00
Tractors/Self-Propelled 1 Acre \$10.81 \$10.81 \$1,080.68 Implements 1 Acre \$6.39 \$6.39 \$639.24
Total Variable Costs \$1,103.43 \$110,343.3
Planned Returns Above Variable Costs: \$13.77 \$1,376.63
Breakeven Price to Cover Variable Costs \$29.04 Ton
Enterprise Table 1
FIXED COSTS Quantity Units \$/Unit Total Total
Machinery Depreciation
Tractors/Self-Propelled 1 Acre \$12.21 \$1.220.83
Implements 1 Acre \$8.25 \$8.25 \$824.83
Equipment Investment
Tractors/Self-Propelled \$94.63 Dollars 8.00% \$7.57 \$757.0°
Implements \$36.35 Dollars 8.00% \$2.91 \$290.73
Cash Rent, Sugar Cane 1 Acre \$110.00 \$110.00 \$11,000.00
Total Fixed Costs \$140.93 \$14,093.48
Total Specified Costs \$1,244.37 \$124,436.89
Returns Above Specified Costs (\$127.17) (\$12,716.89)
Breakeven Price to Cover Total Costs \$32.75 Ton

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

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.