

2021 Estimated Costs and Returns per Acre
Sorghum - Conventional Till-12 Row, Dryland, 90 bu. Yield Goal - Upper Coast
Coastal Bend Extension District - 11

| Crop Acres | | 500 | | | |
|---|----------|---------|----------|-------------------|----------------------|
| REVENUE | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Grain Sorghum, Upper Coast | 90.00 | Bushel | \$3.60 | \$324.00 | \$162,000.00 |
| Total Revenue | | | | \$324.00 | \$162,000.00 |
| VARIABLE COSTS | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Production Costs | | | | | |
| Herbicide | | | | | |
| Glyphosate (Generic) | 2 | Quart | \$3.38 | \$6.76 | \$3,380.00 |
| 2, 4D Amine` | 1 | Pint | \$1.43 | \$1.43 | \$715.00 |
| Atrazine 4L` | 2 | Quart | \$3.00 | \$6.00 | \$3,000.00 |
| Sorghum PreEmerge Herbicide | 14 | Ounce | \$0.92 | \$12.88 | \$6,440.00 |
| Atrazine 4L | 1 | Quart | \$3.00 | \$3.00 | \$1,500.00 |
| Seed | | | | | |
| Treated Sorghum Seed | 7 | Pound | \$3.20 | \$22.40 | \$11,200.00 |
| Fertilizer | | | | | |
| 24-8-0` | 0.21 | Ton | \$264.00 | \$55.44 | \$27,720.00 |
| Custom | | | | | |
| Apply by Air | 1 | Acre | \$7.80 | \$7.80 | \$3,900.00 |
| Custom Grain Haul | 50.4 | CWT | \$0.50 | \$25.20 | \$12,600.00 |
| Miscellaneous | | | | | |
| Crop Insurance -Sorghum UC | 1 | Acre | \$5.95 | \$5.95 | \$2,975.00 |
| Insecticide | | | | | |
| Transform | 1 | Ounce | \$7.73 | \$7.73 | \$3,865.00 |
| Headworn Control | 0.0285 | Ounce | \$1.16 | \$0.03 | \$16.53 |
| Other Labor | | | | | |
| Hand Labor | 0.21 | Hour | \$16.00 | \$3.36 | \$1,680.00 |
| Machinery Labor | | | | | |
| Tractors/Self-Propelled | 0.89 | Hour | \$19.50 | \$17.36 | \$8,677.50 |
| Diesel Fuel | | | | | |
| Tractors/Self-Propelled | 10.04 | Gallon | \$2.20 | \$22.09 | \$11,044.00 |
| Repairs & Maintenance | | | | | |
| Tractors/Self-Propelled | 1 | Acre | \$31.05 | \$31.05 | \$15,523.70 |
| Implements | 1 | Acre | \$20.32 | \$20.32 | \$10,158.24 |
| Interest on Credit Line | | | 6.00% | \$8.40 | \$4,201.89 |
| Total Variable Costs | | | | \$257.19 | \$128,596.86 |
| Planned Returns Above Variable Costs: | | | | \$66.81 | \$33,403.14 |
| Breakeven Price to Cover Variable Costs | | | \$2.86 | Bushel | |
| FIXED COSTS | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Machinery Depreciation | | | | | |
| Tractors/Self-Propelled | 1 | Acre | \$31.99 | \$31.99 | \$15,992.98 |
| Implements | 1 | Acre | \$23.73 | \$23.73 | \$11,862.83 |
| Equipment Investment | | | | | |
| Tractors/Self-Propelled | \$244.81 | Dollars | 6.00% | \$14.69 | \$7,344.37 |
| Implements | \$139.28 | Dollars | 6.00% | \$8.36 | \$4,178.41 |
| Management Fee, Owner/Operator Labor | 1 | Acre | \$16.20 | \$16.20 | \$8,100.00 |
| UCB - Land Charge | 1 | Acre | \$85.00 | \$85.00 | \$42,500.00 |
| Total Fixed Costs | | | | \$179.96 | \$89,978.59 |
| Total Specified Costs | | | | \$437.15 | \$218,575.45 |
| Returns Above Specified Costs | | | | (\$113.15) | (\$56,575.45) |
| Breakeven Price to Cover Total Costs | | | \$4.86 | Bushel | |

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.