

**2025 Estimated Costs and Returns per Acre  
Sorghum (Nitrogen Fertilizer Only)  
North Texas Extension District - 4**

| Crop Acres                                  |          | 500     |                    | Enterprise       |                      |
|---------------------------------------------|----------|---------|--------------------|------------------|----------------------|
| REVENUE                                     | Quantity | Units   | \$/Unit            | Total            | Total                |
| Sorghum                                     | 33.00    | CWT     | \$7.35             | \$242.55         | \$121,275.00         |
| <b>Total Revenue</b>                        |          |         |                    | <b>\$242.55</b>  | <b>\$121,275.00</b>  |
| VARIABLE COSTS                              | Quantity | Units   | \$/Unit            | Total            | Enterprise<br>Total  |
| <b>Production Costs</b>                     |          |         |                    |                  |                      |
| Custom                                      |          |         |                    |                  |                      |
| Custom Harvest Sorghum                      | 1        | Acre    | \$20.84            | \$20.84          | \$10,420.00          |
| Custom Haul Sorghum                         | 33       | CWT     | \$0.61             | \$20.13          | \$10,065.00          |
| Fertilizer                                  |          |         |                    |                  |                      |
| 10-34-0                                     | 100      | Pounds  | \$0.50             | \$50.00          | \$25,000.00          |
| 82-0-0                                      | 100      | Pounds  | \$0.61             | \$61.00          | \$30,500.00          |
| Herbicide                                   |          |         |                    |                  |                      |
| Pre-emerge Sorghum                          | 2        | Acre    | \$19.13            | \$38.26          | \$19,130.00          |
| Insecticide                                 |          |         |                    |                  |                      |
| Insecticide-Sorghum                         | 1        | Acre    | \$21.00            | \$21.00          | \$10,500.00          |
| Seed                                        |          |         |                    |                  |                      |
| Sorghum Seed                                | 7        | Pounds  | \$3.87             | \$27.09          | \$13,545.00          |
| Miscellaneous                               |          |         |                    |                  |                      |
| Insurance-Sorghum                           | 1        | Acre    | \$14.00            | \$14.00          | \$7,000.00           |
| Machinery Labor                             |          |         |                    |                  |                      |
| Tractors/Self-Propelled                     | 0.62     | Hour    | \$16.00            | \$9.92           | \$4,960.00           |
| Diesel Fuel                                 |          |         |                    |                  |                      |
| Tractors/Self-Propelled                     | 2.95     | Gallon  | \$3.00             | \$8.85           | \$4,425.00           |
| Repairs & Maintenance                       |          |         |                    |                  |                      |
| Tractors/Self-Propelled                     | 1        | Acre    | \$4.57             | \$4.57           | \$2,282.61           |
| Implements                                  | 1        | Acre    | \$9.70             | \$9.70           | \$4,847.60           |
| Interest on Credit Line                     |          |         | 4.75%              | \$5.16           | \$2,578.97           |
| <b>Total Variable Costs</b>                 |          |         |                    | <b>\$290.51</b>  | <b>\$145,254.18</b>  |
| Planned Returns Above Variable Costs:       |          |         |                    | <b>(\$47.96)</b> | <b>(\$23,979.18)</b> |
| Breakeven Price to Cover Variable Costs     |          |         | \$8.80 CWT         |                  |                      |
| FIXED COSTS                                 | Quantity | Units   | \$/Unit            | Total            | Enterprise<br>Total  |
| Machinery Depreciation                      |          |         |                    |                  |                      |
| Tractors/Self-Propelled                     | 1        | Acre    | \$4.19             | \$4.19           | \$2,096.60           |
| Implements                                  | 1        | Acre    | \$10.95            | \$10.95          | \$5,475.51           |
| Equipment Investment                        |          |         |                    |                  |                      |
| Tractors/Self-Propelled                     | \$32.67  | Dollars | 6.00%              | \$1.96           | \$979.99             |
| Implements                                  | \$46.85  | Dollars | 6.00%              | \$2.81           | \$1,405.38           |
| Rent-Dryland Crop                           | 1        | Acre    | \$30.00            | \$30.00          | \$15,000.00          |
| <b>Total Fixed Costs</b>                    |          |         |                    | <b>\$49.91</b>   | <b>\$24,957.48</b>   |
| <b>Total Specified Costs</b>                |          |         |                    | <b>\$340.42</b>  | <b>\$170,211.66</b>  |
| Returns Above Specified Costs               |          |         |                    | <b>(\$97.87)</b> | <b>(\$48,936.66)</b> |
| <b>Breakeven Price to Cover Total Costs</b> |          |         | <b>\$10.32 CWT</b> |                  |                      |

Developed by Blake Bennet, Associate Professor & Extension Economist, Texas A&M AgriLife Extension, 972-952-9273.

**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.**