2024 Estimated Costs and Returns per Acre Sorghum, Dryland, Continuous, Minimum Tillage Panhandle Extension District - 1

| Crop Acres | 160 |
|------------|-----|
| | |

| Revenue | Crop Acres | 160 | | | | |
|---|---|----------|---|----------------|-----------|--------------|
| Grain Sorghum | DEVENUE | | | 6 /11 ' | . | Enterprise |
| Name | | | | | | |
| Name | 9 | 25.00 | CVVI | φο.23 | • | |
| MARIABLE COSTS | Total Revenue | | | | \$206.25 | |
| Production Costs | VADIADI E COCTO | Ougntity | Linita | ¢/Llni+ | Total | |
| Herbicide Herbicide and Apply Sorghum 2.25 Pound \$3.20 \$7.20 \$1,152.00 Fertilizer Application - ANH3 1 Acre \$18.00 \$18.00 \$2,280.00 Custom Harvest - Sorghum Dryland 1 Acre \$35.00 \$35.00 \$5,600.00 Custom Harvest - Sorghum Dryland 1 Acre \$20.00 \$35.00 \$35.00 \$35.000 \$35.000 Application Sorghum Fertilizer Sorghum Pryland 1 Acre \$20.00 \$20.00 \$3,200.00 Insecticide Insecticide Head Worm 0.67 Application \$27.50 \$18.43 \$2,948.00 Insecticide Sugar Cane Aphid 1 Application \$27.50 \$18.43 \$2,948.00 Insecticide Sugar Cane Aphid 1 Application \$27.00 \$21.00 \$3,360.00 Machinery Labor Tractors/Self-Propelled 0.13 Hour \$17.65 \$2.29 \$367.12 Other Labor Other Labor 0.15 Hour \$17.65 \$2.29 \$367.12 Other Labor Other Lab | | Quantity | Offics | Φ/UIIII | TOtal | TOTAL |
| Herbicide and Apply Sorghum 1 Acre \$49.50 \$49.50 \$7,920.00 | | | | | | |
| Seed - Sorghum Seed | | 1 | Acre | \$49.50 | \$49.50 | \$7,920,00 |
| Seed - Sorghum | | | Acre | ψ43.30 | Ψ43.30 | Ψ1,320.00 |
| Fertilizer Fertilizer Fertilizer Fertilizer Fertilizer Fertilizer Fertilizer Fertilizer Fertilizer Aplication - ANH3 1 Acre \$18.00 \$13.00 \$2.880.00 \$2.000 \$2.000 \$2.000 \$2.000 \$2.000 \$3.000 \$2.000 \$3. | | 2 25 | Pound | \$3.20 | \$7.20 | \$1 152 00 |
| Fertilizer (N) - ANH3 | | 2.20 | round | Ψ0.20 | Ψ7.20 | Ψ1,102.00 |
| Custom | | 40 | Pound | \$0.43 | \$17.08 | \$2 732 80 |
| Fertilizer Application - ANH3 | • • | 40 | round | ψ0.40 | Ψ17.00 | Ψ2,702.00 |
| Custom Harvest - Sorghum Dryland 1 Acre \$35.00 \$35.00 \$5,600.00 | | 1 | Acre | \$18.00 | \$18.00 | \$2 880 00 |
| Custom Haul - Sorghum Dryland 25 CWT \$0.35 \$8.75 \$1,400.00 Miscellaneous Crop Insurance Sorghum - Dryland 1 Acre \$20.00 \$20.00 \$3,200.00 Insecticide Insecticide Head Worm 0.67 Application \$27.50 \$18.43 \$2,948.00 Insecticide Sugar Cane Aphid 1 Application \$27.00 \$21.00 \$3,360.00 Machinery Labor Tractors/Self-Propelled 0.13 Hour \$17.65 \$2.29 \$367.12 Other Labor 0.15 Hour \$17.65 \$2.25 \$423.60 Diesel Fuel Tractors/Self-Propelled 0.88 Gallon \$3.10 \$2.73 \$436.48 Gasoline Pickup/General Use Equipment 1 Acre \$2.49 \$2.49 \$397.80 Pickup/General Use Equipment 1 Acre \$2.49 \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.49 \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.49 \$3.94 \$630.64 Insplements 1 Acre \$3.94 \$3.94 \$360.64 Inglements 1 Acre \$3.94 \$3.94 \$360.64 Inglements 1 Acre \$3.94 \$3.94 \$360.66 Planned Returns Above Variable Costs: \$8.88 CWT Enterprise Tractors/Self-Propelled 1 Acre \$2.61 \$35.525.64 Planned Returns Above Variable Costs: \$8.88 CWT FIXED COSTS Quantity Units \$1.00 \$1.98 \$333.88 Implements 1 Acre \$2.61 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$2.09 \$2.09 \$333.88 Implements 1 Acre \$2.01 \$5.14 \$55.555.64 Equipment 1 Acre \$2.01 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$2.01 \$2.61 \$2.61 \$2.61 Tractors/Self-Propelled 1 Acre \$2.01 \$2.61 \$2.61 \$2.61 \$2.61 Tractors/Self-Propelled 1 Acre \$2.01 \$2.01 \$2.01 \$2.01 \$2.01 \$2.01 \$2.01 | | | | • | • | |
| Miscellaneous | | | | • | | |
| Crop Insurance Sorghum - Dryland 1 Acre \$20.00 \$20.00 \$3,200.00 Insecticide Insecticide Insecticide Insecticide Insecticide Sugar Cane Aphid 1 Application \$27.50 \$18.43 \$2,948.00 Insecticide Sugar Cane Aphid 1 Application \$21.00 \$21.00 \$3,360.00 Machinery Labor Tractors/Self-Propelled 0.13 Hour \$17.65 \$2.29 \$367.12 Other Labor 0.15 Hour \$17.65 \$2.29 \$367.80 Other Labor 0.15 Hour \$1.65 \$2.61 \$3.94 \$363.04 Other Labor 0.20 \$3.94 \$ | | | • | 40.00 | 40.70 | 4.7.00.00 |
| Insecticide Insecticide Head Worm 1 Application \$27.50 \$18.43 \$2,948.00 Insecticide Sugar Cane Aphid 1 Application \$21.00 \$21.00 \$3,360.00 Machinery Labor Tractors/Self-Propelled 0.13 Hour \$17.65 \$2.29 \$367.12 Other Labor 0.15 Hour \$17.65 \$2.265 \$423.60 Diesel Fuel Tractors/Self-Propelled 0.88 Gallon \$3.10 \$2.73 \$436.48 Gasoline Pickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.06 \$2.06 \$329.61 Implements 1 Acre \$3.94 \$3.94 \$397.80 Total Variable Costs \$8.88 CWT \$8.60 Planned Returns Above Variable Costs \$8.88 CWT \$8.60 FIXED COSTS Quantity Units \$7.01 Total Tractors/Self-Propelled 1 Acre \$2.61 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$2.09 \$2.09 \$333.88 Implements 1 Acre \$2.09 \$2.09 \$333.88 FIXED COSTS Quantity Units \$7.01 Total Tractors/Self-Propelled 1 Acre \$2.09 \$2.09 \$333.88 Implements 1 Acre \$2.61 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$2.09 \$2.09 \$333.88 Implements 1 Acre \$2.09 \$2.09 \$333.88 Equipment Investment 1 Acre \$2.09 \$2.09 \$333.88 Equipment Investment \$18.03 Dollars 9.00% \$1.62 \$259.56 Equipment Investment \$18.03 Dollars 9.00% \$1.62 \$259.56 Cash Rent - Sorghum 1 Acre \$3.00 \$1.98 \$316.34 Cash Rent - Sorghum 1 Acre \$3.00 \$4.80.00 Total Fixed Costs \$4.80.00 \$4.80.00 Total Fixed Costs \$4.80.00 \$4.80.00 Total Fixed Costs \$4.80.00 \$4.80.00 Total Fixed Costs \$4.80 \$4.40 \$7.18.33 Total Specified Costs \$4.80.00 \$4.80.00 Total Fixed Costs \$4.80.00 \$4.80.00 Total Fixed Costs \$4.80.00 \$4.80.00 Total Fixed Costs \$4.80 \$4.80 \$7.80.30 Gactination \$4.80.00 \$4.80.00 Total Fix | | 1 | Acre | \$20.00 | \$20.00 | \$3,200.00 |
| Insecticide Sugar Cane Aphid 1 Application \$21.00 \$21.00 \$3,360.00 Machinery Labor Tractors/Self-Propelled 0.13 Hour \$17.65 \$2.29 \$367.12 Other Labor 0.15 Hour \$17.65 \$2.265 \$423.60 Diesel Fuel Tractors/Self-Propelled 0.88 Gallon \$3.10 \$2.73 \$436.48 Gasoline Pickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.06 \$22.06 \$329.61 Implements 1 Acre \$2.06 \$22.06 \$329.61 Implements 1 Acre \$2.06 \$329.61 Implements 1 Acre \$9.00% \$6.05 \$967.60 Total Variable Costs \$8.88 CWT \$80.00 \$80.0 | | | | | | , |
| Insecticide Sugar Cane Aphid 1 Application \$21.00 \$21.00 \$3,360.00 Machinery Labor Tractors/Self-Propelled 0.13 Hour \$17.65 \$2.29 \$367.12 Other Labor 0.15 Hour \$17.65 \$2.265 \$423.60 Diesel Fuel Tractors/Self-Propelled 0.88 Gallon \$3.10 \$2.73 \$436.48 Gasoline Pickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.06 \$22.06 \$329.61 Implements 1 Acre \$2.06 \$22.06 \$329.61 Implements 1 Acre \$2.06 \$329.61 Implements 1 Acre \$9.00% \$6.05 \$967.60 Total Variable Costs \$8.88 CWT \$80.00 \$80.0 | Insecticide Head Worm | 0.67 | Application | \$27.50 | \$18.43 | \$2,948.00 |
| Machinery Labor Tractors/Self-Propelled Other Labor 0.13 0.15 Hour Hour Hour \$17.65 \$2.29 \$367.12 \$423.60 Diesel Fuel Tractors/Self-Propelled 0.88 Gallon \$3.10 \$2.73 \$436.48 Gasoline Pickup/General Use Equipment Pickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.06 \$2.06 \$329.61 Implements 1 Acre \$3.94 \$63.064 \$363.64 Interest on Credit Line 9.00% \$6.05 \$967.60 \$329.61 Interest on Credit Line 9.00% \$6.05 \$967.60 Total Variable Costs \$222.04 \$35,525.64 Planned Returns Above Variable Costs: \$8.88 CWT Breakeven Price to Cover Variable Costs \$8.88 CWT FIXED COSTS Quantity Units \$/Unit Total \$417.69 Tractors/Self-Propelled 1 Acre | Insecticide Sugar Cane Aphid | | | \$21.00 | \$21.00 | \$3,360.00 |
| Other Labor Diesel Fuel Tractors/Self-Propelled O.88 Gallon S3.10 \$2.73 \$436.48 Gasoline Pickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.49 \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.06 \$2.06 \$329.61 Implements 1 Acre \$3.394 \$3.34 \$630.64 Interest on Credit Line 9.00% \$6.05 \$967.60 \$360.65 \$360.65 | | | • • | | | |
| Other Labor Diesel Fuel Tractors/Self-Propelled O.88 Gallon S3.10 \$2.73 \$436.48 Gasoline Pickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.49 \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.06 \$2.06 \$329.61 Implements 1 Acre \$3.394 \$3.34 \$630.64 Interest on Credit Line 9.00% \$6.05 \$967.60 \$360.65 \$360.65 | Tractors/Self-Propelled | 0.13 | Hour | \$17.65 | \$2.29 | \$367.12 |
| Tractors/Self-Propelled 0.88 Gallon \$3.10 \$2.73 \$436.48 Gasoline Pickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 \$780.00 \$8.00 \$1.00 | Other Labor | 0.15 | | \$17.65 | \$2.65 | \$423.60 |
| Pickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 | Diesel Fuel | | | | | |
| Pickup/General Use Equipment 1 | Tractors/Self-Propelled | 0.88 | Gallon | \$3.10 | \$2.73 | \$436.48 |
| Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$3.94 \$3.94 \$630.64 Implements 1 Acre \$3.94 \$3.94 \$630.64 Interest on Credit Line 9.00% \$6.05 \$967.60 Total Variable Costs \$222.04 \$35,525.64 Planned Returns Above Variable Costs: \$8.88 CWT Breakeven Price to Cover Variable Costs \$8.88 CWT Enterprise Planned Returns Above Specified Costs \$8.88 CWT FIXED COSTS Quantity Units \$1.01 Total Machinery Depreciation 1 Acre \$2.61 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$2.09 \$2.09 \$333.88 Implements 1 Acre \$5.14 \$5.14 \$821.66 Equipment Investment Pickup/General Use Equipment \$18.03 Dollars 9.00% \$1.62 \$259.56 Tractors/Self-Propelled \$16.26 Dollars 9.00% \$1.62 \$259.56 Tractors/Self-Propelled \$16.26 Dollars 9.00% \$1.46 \$234.10 Implements \$21.97 Dollars 9.00% \$1.98 \$316.34 Cash Rent - Sorghum 1 Acre \$30.00 \$4,800.00 Total Fixed Costs \$266.93 \$42,708.87 Returns Above Specified Costs \$266.93 \$42,708.87 Returns Above Specified Costs \$266.93 \$42,708.87 Returns Above Specified Costs \$2.61 \$2.61 \$2.61 \$2.61 Acre \$2.61 \$2.61 \$2.61 \$2.61 \$2.61 \$2.61 | | | | | | |
| Pickup/General Use Equipment 1 Acre \$2.49 \$2.49 \$397.80 | Pickup/General Use Equipment | 1 | Acre | \$4.88 | \$4.88 | \$780.00 |
| Tractors/Self-Propelled 1 Acre \$2.06 \$3.94 \$3.94 \$630.64 Interest on Credit Line 9.00% \$6.05 \$967.60 Total Variable Costs \$222.04 \$35,525.64 Planned Returns Above Variable Costs \$8.88 CWT Breakeven Price to Cover Variable Costs \$8.88 CWT Enterprise Enterprise Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Pickup/General Use Equipment 1 Acre \$2.61 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$2.09 \$2.09 \$333.88 Implements 1 Acre \$5.14 \$5.14 \$821.66 Equipment Investment Pickup/General Use Equipment \$18.03 Dollars 9.00% \$1.62 \$259.56 Tractors/Self-Propelled \$16.26 Dollars 9.00% \$1.46 \$234.10 Implements \$21.97 Dollars 9.00% \$1.98 \$316.34 Cash Rent - Sorghum 1 Acre \$30.00 \$30.00 \$4,800.00 Total Fixed Costs \$2.66.93 \$42,708.87 Returns Above Specified Costs \$8.88 CWT \$8.90 \$9.00% \$1.46 \$234.70 Fixed Costs \$8.88 CWT \$8.90 \$9.00% \$1.62 \$259.56 Fixed Costs \$8.88 CWT \$8.90 \$9.00% \$1.62 \$2.55.64 Selection \$9.00% \$1.62 \$2.55.64 Selection \$9.00% \$1.62 \$2.55.64 Selection \$9.00% \$1.98 \$316.34 Cash Rent - Sorghum 1 Acre \$30.00 \$30.00 \$4,800.00 Total Fixed Costs \$2.66.93 \$42,708.87 Returns Above Specified Costs \$9.708.87 | Repairs & Maintenance | | | | | |
| Implements 1 Acre \$3.94 \$3.94 \$630.64 Interest on Credit Line 9.00% \$6.05 \$967.60 Total Variable Costs \$222.04 \$35,525.64 Planned Returns Above Variable Costs: | | 1 | Acre | \$2.49 | \$2.49 | \$397.80 |
| Interest on Credit Line | Tractors/Self-Propelled | 1 | Acre | \$2.06 | \$2.06 | \$329.61 |
| Second | • | 1 | Acre | • | · · | • |
| Planned Returns Above Variable Costs | Interest on Credit Line | | | 9.00% | | |
| Seakeven Price to Cover Variable Costs \$8.88 CWT Enterprise | Total Variable Costs | | | _ | \$222.04 | \$35,525.64 |
| Nachinery Depreciation | Planned Returns Above Variable Costs: | | | _ | (\$15.79) | (\$2,525.64) |
| Pickup/General Use Equipment 1 Acre \$2.61 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$5.14 \$5.14 \$821.66 Equipment Pickup/General Use Equipment \$18.03 Dollars 9.00% \$1.62 \$259.56 Tractors/Self-Propelled \$16.26 Dollars 9.00% \$1.46 \$234.10 Implements \$21.97 Dollars 9.00% \$1.98 \$316.34 Cash Rent - Sorghum 1 Acre \$30.00 \$30.00 \$4,800.00 Total Fixed Costs \$266.93 \$42,708.87 \$316.34 | Breakeven Price to Cover Variable Costs | | | \$8.88 | CWT | |
| Machinery Depreciation Pickup/General Use Equipment 1 Acre \$2.61 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$2.09 \$2.09 \$333.88 Implements 1 Acre \$5.14 \$5.14 \$821.66 Equipment Investment Pickup/General Use Equipment \$18.03 Dollars 9.00% \$1.62 \$259.56 Tractors/Self-Propelled \$16.26 Dollars 9.00% \$1.46 \$234.10 Implements \$21.97 Dollars 9.00% \$1.98 \$316.34 Cash Rent - Sorghum 1 Acre \$30.00 \$4,800.00 Total Fixed Costs \$44.90 \$7,183.23 Total Specified Costs \$266.93 \$42,708.87 Returns Above Specified Costs (\$60.68) (\$9,708.87) | | | | | | |
| Pickup/General Use Equipment 1 Acre \$2.61 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$2.09 \$2.09 \$333.88 Implements 1 Acre \$5.14 \$5.14 \$821.66 Equipment Investment Pickup/General Use Equipment \$18.03 Dollars 9.00% \$1.62 \$259.56 Tractors/Self-Propelled \$16.26 Dollars 9.00% \$1.46 \$234.10 Implements \$21.97 Dollars 9.00% \$1.98 \$316.34 Cash Rent - Sorghum 1 Acre \$30.00 \$4,800.00 Total Fixed Costs \$44.90 \$7,183.23 Total Specified Costs \$266.93 \$42,708.87 Returns Above Specified Costs (\$60.68) (\$9,708.87) | | Quantity | Units | \$/Unit | Total | Total |
| Tractors/Self-Propelled 1 Acre \$2.09 \$2.09 \$333.88 Implements 1 Acre \$5.14 \$5.14 \$821.66 Equipment Investment Pickup/General Use Equipment \$18.03 Dollars 9.00% \$1.62 \$259.56 Tractors/Self-Propelled \$16.26 Dollars 9.00% \$1.46 \$234.10 Implements \$21.97 Dollars 9.00% \$1.98 \$316.34 Cash Rent - Sorghum 1 Acre \$30.00 \$4,800.00 Total Fixed Costs \$266.93 \$42,708.87 Returns Above Specified Costs (\$60.68) (\$9,708.87) | | | | | | |
| Implements | | | | • | | • |
| Equipment Investment Pickup/General Use Equipment \$18.03 Dollars 9.00% \$1.62 \$259.56 Tractors/Self-Propelled \$16.26 Dollars 9.00% \$1.46 \$234.10 Implements \$21.97 Dollars 9.00% \$1.98 \$316.34 Cash Rent - Sorghum 1 Acre \$30.00 \$4,800.00 Total Fixed Costs \$44.90 \$7,183.23 Total Specified Costs \$266.93 \$42,708.87 Returns Above Specified Costs (\$60.68) (\$9,708.87) | • | | | • | • | • |
| Pickup/General Use Equipment \$18.03 Dollars 9.00% \$1.62 \$259.56 Tractors/Self-Propelled \$16.26 Dollars 9.00% \$1.46 \$234.10 Implements \$21.97 Dollars 9.00% \$1.98 \$316.34 Cash Rent - Sorghum 1 Acre \$30.00 \$4,800.00 Total Fixed Costs \$44.90 \$7,183.23 Total Specified Costs \$266.93 \$42,708.87 Returns Above Specified Costs (\$60.68) (\$9,708.87) | • | 1 | Acre | \$5.14 | \$5.14 | \$821.66 |
| Tractors/Self-Propelled \$16.26 Dollars 9.00% \$1.46 \$234.10 Implements \$21.97 Dollars 9.00% \$1.98 \$316.34 Cash Rent - Sorghum 1 Acre \$30.00 \$4,800.00 Total Fixed Costs \$44.90 \$7,183.23 Total Specified Costs \$266.93 \$42,708.87 Returns Above Specified Costs (\$60.68) (\$9,708.87) | | 440.00 | 5 " | 0.000/ | 44.00 | 4050 50 |
| Implements | | • | | | | |
| Cash Rent - Sorghum 1 Acre \$30.00 \$4,800.00 Total Fixed Costs \$44.90 \$7,183.23 Total Specified Costs \$266.93 \$42,708.87 Returns Above Specified Costs (\$60.68) (\$9,708.87) | | • | | | | • |
| Total Fixed Costs \$44.90 \$7,183.23 Total Specified Costs \$266.93 \$42,708.87 Returns Above Specified Costs (\$60.68) (\$9,708.87) | · | • | | | • | • |
| Total Specified Costs \$266.93 \$42,708.87 Returns Above Specified Costs (\$60.68) (\$9,708.87) | S . | 1 | Acre | \$30.00 | | |
| Returns Above Specified Costs (\$60.68) (\$9,708.87) | | | | = | | |
| | Total Specified Costs | | | = | \$266.93 | \$42,708.87 |
| Breakeven Price to Cover Total Costs \$10.68 CWT | Returns Above Specified Costs | | | | (\$60.68) | (\$9,708.87) |
| | Breakeven Price to Cover Total Costs | | | \$10.68 | CWT | |

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

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.