2025 Estimated Costs and Returns per Acre Seed Sorghum, Sprinkler Irrigated (NG) Panhandle Extension District - 1

PEVENUE Ouentity Units SUnit Total Seed Sorghum - Female Only 45.00 CWT \$21.50 \$307.50 \$118,035.00 VARIABLE COSTS Quantity Units \$Unit Total Total Production Costs Herbicide 1 Acre \$56.60 \$56.60 \$6,905.20 Seed Seed - Sorghum 0 Pound \$3.20 \$0.00 \$0.30 Fertilizer (N) - ANH3 65 Pound \$0.39 \$34.60 \$58,490.00 Fertilizer (N) - Liquid 50 Pound \$0.38 \$34.88 \$42.20.98 Custom Fertilizer (P) - Liquid 50 Pound \$0.38 \$34.60 \$58,490.00 Maceliancous 0.67 Application \$18.00 \$58,490.00 \$58,490.00 Maceliancous 1.00 Acre \$30.00 \$3,660.00 \$7,980.00 Insecticide Head Worm 0.67 Application \$18.00 \$2,88.00 \$2,433.90 Irreators/Self-Propelled 1.09	Crop Acres	122				
Seed Sorghum - Female Only 45.00 CWT \$215.00 \$3967.50 \$118.058.00 VARIABLE COSTS Ouantity Units \$100.050.00 \$118.058.00 Enterprise VARIABLE COSTS Ouantity Units \$100.050.00 \$118.058.00 Enterprise VARIABLE COSTS Ouantity Units \$100.050.00 \$0.00 <						•
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VARIABLE COSTS Ouanity Units \$/Unit Total Total Production Costs Herbicide and Apply Sorghum Irrig. 1 Acre \$56.60 \$56.60 \$60,905.20 Seed Seed - Sorghum 0 Pound \$3.20 \$0.00 \$0.00 Fertilizer Fertilizer (N) - ANH3 65 Pound \$0.33 \$27.76 \$3.386.11 Fertilizer (N) - Liquid 60 Pound \$0.99 \$45.00 \$5,490.00 Custom Fertilizer (N) - Liquid 60 Pound \$0.39 \$34.68 \$4,230.96 Custom Fertilizer (N) - Liquid 60 Pound \$0.30 \$3.000 \$3,660.00 Insecticide Sugrace Care Aphid 1 Acre \$10.00 \$46.00 \$57,490.00 Insecticide Bugar Care Aphid 1 Acre \$3.00 \$3.660.00 \$12.95 \$2,433.30 Insecticide Bugar Care Aphid 1 Acre \$3.00 \$3.660.00 \$7,908.00 Insecticide Head Worm 1 Acre \$4.00	5	45.00	CWI	\$21.50		
VARIABLE COSTS Quantity Units \$/Unit Total Total Production Costs Herbicide Herbicide Herbicide Seed \$56.60 \$56.60 \$56.60 \$56.905.20 Seed Seed - Sorghum 0 Pound \$3.20 \$0.00 \$0.00 Fertilizer (N) - Liquid 65 Pound \$0.33 \$27.76 \$3.386.11 Fertilizer (N) - Liquid 60 Pound \$0.50 \$34.60 \$54.90.00 Fertilizer (N) - Liquid 60 Pound \$0.50 \$34.60 \$2,196.00 Harvest and Haul - Sorghum 45 CWT \$1.00 \$45.00 \$5,660.00 Harvest and Haul - Sorghum 1 Acre \$30.00 \$3,260.00 \$3,260.00 Insecticide Insecticide Worm 0.67 Application \$2,135.87 \$2,433.90 Irrigation 1.02 Hour \$18.30 \$3.42 \$417.24 Insecticide Head Worm 0.67 Application \$2,288.18 Machinery Labor <td>lotal Revenue</td> <td></td> <td></td> <td></td> <td>\$967.50</td> <td></td>	lotal Revenue				\$967.50	
Production Costs Image: Control of the state of the stat	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	•
Herbicide and Apply Sorghum Irrig. 1 Acre \$56.60 \$56.60 \$6,905.20 Seed Seed - Sorghum 0 Pound \$3.20 \$0.00 \$0.00 Fertilizer Fertilizer (N) - ANH3 65 Pound \$0.90 \$44.00 \$54.30.00 \$54.40.00 Fertilizer (P) - Liquid 60 Pound \$0.90 \$44.00 \$54.90.00 Fertilizer Application - ANH3 1 Acre \$18.00 \$18.00 \$2,196.00 Harvest and Haul - Sorghum 45 CWT \$1.00 \$45.00 \$5,490.00 Insecticide Sorghum - Irrigated 1 Acre \$1.00 \$45.00 \$5,490.00 Insecticide Sugar Cane Aphid 1 Application \$12.31 \$17.51 \$2,135.87 Insecticide Sugar Cane Aphid 1.02 Hour \$18.30 \$64.00 \$7,808.00 Irrigation Labor 1.02 Hour \$18.30 \$3.42 \$417.24 Diesel Fropelled 0.16 Hour \$18.00	Production Costs					
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Fertilizer Fertilizer (P) - Liquid 56 Pound \$0.43 \$27.76 \$3.386.11 Fertilizer (N) - Liquid 50 Pound \$0.90 \$45.00 \$54.80.00 Custom Fertilizer (N) - Liquid 60 Pound \$0.58 \$34.68 \$4.20.96 Custom Fertilizer Application - ANH3 1 Acre \$18.00 \$21,96.00 Harvest and Haul - Sorghum 45 CWT \$1.00 \$45.00 \$56,490.00 Insecticide Head Worm 0.67 Application \$26.13 \$17.51 \$2,135.87 Insecticide Head Worm 1.600 Acrelnch \$4.00 \$64.00 \$7,808.00 Irrigation Energy Cost 16.00 Acrelnch \$4.00 \$64.00 \$7,808.00 Tractors/Self-Propelled 0.16 Hour \$18.00 \$2.48 \$31.36 Other Labor 0.19 Hour \$18.00 \$3.42 \$417.24 Diesel Fuel Tractors/Self-Propelled 1.02 Hour \$18.00 \$3.42 \$417.24						
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Fertilizer (P) - Liquid 50 Pound \$0.90 \$45.00 \$54.90.00 Custom Fertilizer Application - ANH3 1 Acre \$18.00 \$2,196.00 Miscellaneous 5 \$40.00 \$54.90.00 \$54.90.00 Miscellaneous 5 \$40.00 \$54.90.00 \$54.90.00 Insecticide 1 Acre \$30.00 \$33.60.00 \$53.60.00 Insecticide Head Worm 0.67 Application \$26.13 \$17.51 \$2,135.87 Insecticide Sugar Cane Aphid 1 Application \$19.95 \$19.95 \$2,433.90 Irrigation Energy Cost 16.00 AcreInch \$4.00 \$564.00 \$7,808.00 Irrigation Labor 1.02 Hour \$18.00 \$2.88 \$351.36 Other Labor 0.19 Hour \$18.00 \$3.42 \$417.24 Diesel Fuel 1 Acre \$4.92 \$600.00 Repairs & Maintanace Pickup/General Use Equipment 1 Acre \$2.55 \$30.85 \$31.94		6E	Dound	¢0.40	¢07.76	¢0 006 11
Fertilizer (N) - Liquid 60 Pound \$0.58 \$34.68 \$4,230.96 Custom Fertilizer Application - ANH3 1 Acre \$18.00 \$2,196.00 \$35,490.00 Miscellaneous Crop Insurance Sorghum - Irrigated 1 Acre \$30.00 \$33,660.00 \$33,660.00 Insecticide Bead Worm 0.67 Application \$26,13 \$17,51 \$2,2135.87 Insecticide Sugar Cane Aphid 1 Application \$19.95 \$18.95 \$2,433.90 Irrigation Labor 1.02 Hour \$18.30 \$18.74 \$2,268.18 Machinery Labor 1.02 Hour \$18.00 \$2.2.88 \$331.36 Other Labor 0.19 Hour \$18.00 \$2.88 \$351.36 Other Labor 0.19 Hour \$18.00 \$2.88 \$365.70 Gasoline 1 Acre \$2.55 \$3.00 \$365.70 Gasoline 1 Acre \$2.55 \$3.00 \$37,20.00 Tractors/Self-Propelled 1.02						
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Fertilizer Application - ANH3 1 Acre \$18.00 \$18.00 \$2,196.00 Miscellaneous Crop Insurance Sorghum - Irrigated 1 Acre \$30.00 \$30.00 \$3,660.00 Insecticide Insecticide Vorm 0.67 Application \$26.13 \$17.51 \$2,135.87 Insecticide Sugar Cane Aphid 1 Application \$19.95 \$19.95 \$2,433.90 Irrigation Energy Cost 16.00 Acrelnch \$4.00 \$64.00 \$7,808.00 Irrigation Labor 1.02 Hour \$18.00 \$2.288 \$351.36 Other Labor 0.19 Hour \$18.00 \$2.48 \$365.70 Gasoline Tractors/Self-Propelled 1.09 Gallon \$2.75 \$3.00 \$365.70 Gasoline Dickup/General Use Equipment 1 Acre \$4.92 \$4.92 \$600.00 Irrigation Equipment 1 Acre \$2.55 \$52.51 \$2.56.00 \$7,320.00 Irrigation Equipment 1 Acre \$2.67 \$562.	· · · ·	60	Found	φ 0. 56	\$34.00	\$4,230.90
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Miscellaneous Crop Insurance Sorghum - Irrigated 1 Acre \$30.00 \$30.00 \$3,660.00 Insecticide Head Worm 0.67 Application \$26.13 \$17.51 \$2,135.87 Insecticide Sugar Cane Aphid 1 Application \$26.13 \$17.51 \$2,135.87 Insecticide Sugar Cane Aphid 1 Application \$26.13 \$17.51 \$2,133.80 Irrigation Labor 1.02 Hour \$18.30 \$18.74 \$2,286.18 Machinery Labor 1.02 Hour \$18.00 \$2.88 \$351.36 Other Labor 0.19 Hour \$18.00 \$2.88 \$365.70 Gasoline Tractors/Self-Propelled 1.09 Gallon \$2.75 \$3.00 \$365.70 Gasoline Tractors/Self-Propelled 1.09 Gallon \$2.75 \$3.00 \$365.70 Gasoline Tractors/Self-Propelled 1.02 \$4.92 \$4.92 \$600.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.55 \$52.61 \$50.60						
Crop Insurance Sorghum - Irrigated 1 Acre \$30.00 <td>0</td> <td>45</td> <td>CWI</td> <td>ψ1.00</td> <td>φ+3.00</td> <td>φ3,430.00</td>	0	45	CWI	ψ1.00	φ+3.00	φ3,430.00
Insecticide Unsecticide Section		1	Acre	\$30.00	\$30.00	\$3,660,00
Insecticide Head Worm Insecticide Sugar Cane Aphid 0.67 Application \$26.13 \$19.95 \$17.51 \$19.95 \$2,135.87 \$2,433.00 Irrigation Energy Cost Irrigation Labor 16.00 AcreInch \$1.02 \$19.95 \$2,236.80 Machinery Labor Tractors/Self-Propelled 0.16 Hour \$18.00 \$2.88 \$351.36 Other Labor 0.19 Hour \$18.00 \$2.43 \$30.0 \$365.70 Gasoline Pickup/General Use Equipment 1 Acre \$4.92 \$4.92 \$60.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.55 \$2.65 \$762.61 Interest on Credit Line Tractors/Self-Propelled 1 Acre \$2.55 \$25.55 \$31.94 \$1,701.15 Interest on Credit Line Tractors/Self-Propelled 1 Acre \$60.00 \$59,877.23 Breakeven Price to Cover Variable Costs: Breakeven Price to Cover Variable Costs: Breakeven Price to Cover Variable Costs: Breakeven Price to Cover Variable Costs \$10.59 \$243.3 \$321.30 Irrigation Equipment 1 Acre \$2.63 \$321.30 Irrigation Equipment 1 Acre			Acre	φ00.00	400.00	\$0,000.00
Insecticide Sugar Cane Aphid 1 Application \$19.95 \$19.95 \$2,433.90 Irrigation Energy Cost 16.00 AcreInch \$4.00 \$64.00 \$7,808.00 Irrigation Labor 1.02 Hour \$18.30 \$18.74 \$2,286.18 Machinery Labor 0.16 Hour \$18.00 \$2.88 \$351.36 Other Labor 0.19 Hour \$18.00 \$2.88 \$342 \$417.24 Diesel Fuel 1 Acre \$18.00 \$2.75 \$3.00 \$365.70 Gasoline Pickup/General Use Equipment 1 Acre \$4.92 \$4.92 \$600.00 Pickup/General Use Equipment 1 Acre \$2.51 \$2.00 \$365.70 Gasoline 1 Acre \$2.55 \$2.51 \$30.00 \$365.70 Gasoline 1 Acre \$2.55 \$2.51 \$30.00 \$7,320.00 Tractors/Self-Propelled 1 Acre \$2.65 \$311.52 \$11.52 Implement		0.67	Application	\$26.13	\$17.51	\$2,135,87
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Tractors/Self-Propelled 0.16 Hour \$18.00 \$2.88 \$351.36 Other Labor 0.19 Hour \$18.00 \$3.42 \$417.24 Diesel Fuel Tractors/Self-Propelled 1.09 Gallon \$2.75 \$3.00 \$365.70 Gasoline Pickup/General Use Equipment 1 Acre \$4.92 \$4.92 \$600.00 Repairs & Maintenance 1 Acre \$60.00 \$7,320.00 \$7,320.00 Irrigation Equipment 1 Acre \$60.00 \$7,320.00 \$7,320.00 Tractors/Self-Propelled 1 Acre \$6.25 \$762.61 Interest on Credit Line 8.50% \$13.94 \$1,771.13 Total Variable Costs \$10.59 CWT Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation 1 Acre \$2.63 \$321.30 \$11.55 \$18.57 Irrigation Equipment 1 Acre \$2.60 \$2.60 \$2.60 <		1.02	Hour			
Other Labor 0.19 Hour \$18.00 \$3.42 \$417.24 Diesel Fuel Tractors/Self-Propelled 1.09 Gallon \$2.75 \$3.00 \$365.70 Gasoline Pickup/General Use Equipment 1 Acre \$4.92 \$4.92 \$600.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.51 \$2.51 \$306.00 Irrigation Equipment 1 Acre \$2.55 \$2.55 \$311.52 Implements 1 Acre \$2.55 \$2.55 \$311.52 Interest on Credit Line	Machinery Labor					
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Tractors/Self-Propelled 1.09 Gallon \$2.75 \$3.00 \$365.70 Gasoline Pickup/General Use Equipment 1 Acre \$4.92 \$4.92 \$600.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.51 \$2.51 \$306.00 Irrigation Equipment 1 Acre \$2.55 \$311.52 Implements 1 Acre \$2.55 \$311.52 Implements 1 Acre \$2.55 \$5.25 \$5762.61 \$1.52 Interest on Credit Line 8.50% \$13.94 \$1,701.13 \$1.701.13 Total Variable Costs \$10.59 CWT Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation 1 Acre \$2.63 \$321.30 Irrigation Equipment 1 Acre \$40.42 \$40.42 \$4,931.25 Tractors/Self-Propelled 1 Acre \$2.63 \$321.30 Irrigation Equipment \$2.63 \$2.60 \$316.78	Other Labor	0.19	Hour	\$18.00	\$3.42	\$417.24
Gasoline Pickup/General Use Equipment 1 Acre \$4.92 \$4.92 \$600.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.51 \$2.51 \$306.00 Irrigation Equipment 1 Acre \$2.55 \$2.55 \$311.52 Implements 1 Acre \$60.00 \$60.00 \$7,320.00 Tractors/Self-Propelled 1 Acre \$2.55 \$2.55 \$311.52 Interest on Credit Line 1 Acre \$406.25 \$762.61 Interest on Credit Line 1 Acre \$40.80 \$59,877.23 Breakeven Price to Cover Variable Costs: \$10.59 CWT Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation 1 Acre \$2.63 \$2.63 \$321.30 Irrigation Equipment 1 Acre \$2.63 \$324.31.20 \$31.678 Implements 1 Acre \$2.63 \$2.63 \$321.30 </td <td>Diesel Fuel</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Diesel Fuel					
Pickup/General Use Equipment 1 Acre \$4.92 \$4.92 \$600.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.51 \$2.51 \$306.00 Irrigation Equipment 1 Acre \$60.00 \$60.00 \$7,320.00 Tractors/Self-Propelled 1 Acre \$2.55 \$2.55 \$311.52 Implements 1 Acre \$2.55 \$2.55 \$313.94 \$1,701.13 Total Variable Costs \$476.70 \$58,157.77 \$490.80 \$59,877.23 Breakeven Price to Cover Variable Costs: \$10.59 CWT Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation 1 Acre \$2.63 \$2.63 \$321.30 Irrigation Equipment 1 Acre \$2.60 \$331.25 Trat Machinery Depreciation 1 Acre \$2.63 \$2.63 \$321.30 Irrigation Equipment 1 Acre \$2.60 \$3316.7	Tractors/Self-Propelled	1.09	Gallon	\$2.75	\$3.00	\$365.70
Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.51 \$2.51 \$306.00 Irrigation Equipment 1 Acre \$60.00 \$60.00 \$7,320.00 Tractors/Self-Propelled 1 Acre \$6.25 \$6.25 \$762.61 Interest on Credit Line 8.50% \$13.94 \$1,701.13 \$476.70 \$58,157.77 Planed Returns Above Variable Costs \$496.70 \$58,157.77 \$490.80 \$59,877.23 Breakeven Price to Cover Variable Costs \$10.59 CWT Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation 1 Acre \$2.63 \$321.30 Irrigation Equipment 1 Acre \$2.60 \$316.78 Implements 1 Acre \$2.60 \$32.63 \$321.30 Irrigation Equipment 1 Acre \$2.63 \$321.30 Irrigation Equipment 1 Acre \$2.60 \$316.78 Implements 1 Acre \$2.60 \$32.60 \$316.78 Implements<	Gasoline					
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Developed by DeDe Jones, Senior Extension Program Specialist, Texas A&M AgriLife Extension, 806-677-5667

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.