2025 Estimated Costs and Returns per Acre Rotation, Sorghum-Fallow-Wheat, Minimum Till, Sorghum Panhandle Extension District - 1

PEVENUE Ouantity Units S/Unit Total Total Grain Sorghum 28:00 CWT \$7.35 \$183.75 \$529.400.00 VARIABLE COSTS Quantity Units \$/Unit Total Total Production Costs Quantity Units \$/Unit Total Total Custom Fertilizer Application - ANH3 1 Acre \$18.00 \$18.00 \$2,880.00 Custom Haut-Sorghum Dryland 1 Acre \$35.00 \$58.75 \$1,400.00 Fertilizer (N) - ANH3 40 Pound \$0.43 \$17.08 \$2,732.80 Herbicide and Apply Sorghum 1 Acre \$48.50 \$48.50 \$3,200.00 Seed Sorghum 2.25 Pound \$1.379.66 Insecticide Head Worm 0.33 Application \$1.955 \$3,192.00 Machinery Labor Crop Insurance Sorghum - Dryland 1 Acre \$20.00 \$3,200.00 \$284 \$374.40 Other Labor 0.15 Hour \$18.00	Crop Acres	160				
Grain Sorghum 26.00 CWT \$7.35 \$183.75 \$29,400.00 Total Revenue SUDIT Total Revenue \$183.75 \$29,400.00 VARIABLE COSTS Quantity Units \$Unit Total Total Production Costs Quantity Units \$Unit Total Total Custom Harvest - Sorghum Dryland 1 Acre \$18.00 \$18.00 \$2,880.00 Custom Harvest - Sorghum Dryland 25 CWT \$0.35 \$8.75 \$1,400.00 Fertilizer (N) - ANH3 40 Pound \$0.43 \$17.08 \$2,732.80 Herbicide Insecticide 1 Acre \$48.50 \$48.50 \$7,760.00 Insecticide Insecticide 1 Application \$19.95 \$3.19.00 \$2,232.00 Machinery Labor 2.25 Pound \$3.20 \$7,20 \$1,152.00 Machinery Labor 0.15 Hour \$18.00 \$2.34 \$374.40 Other Labor 0.15 Hour \$18.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td>Enterprise</td>						Enterprise
Total Revenue \$183.76 \$23,400.00 Enterprise VARIABLE COSTS Quantity Units \$/Unit Total Total Production Costs						
VARIABLE COSTS Quantity Units \$/Unit Total Total Production Costs Custom Fertilizer Application - ANH3 1 Acre \$18.00 \$2,880.00 Custom Harvest - Sorghum Dryland 1 Acre \$35.00 \$5,600.00 Custom Harvest - Sorghum Dryland 25 CWT \$0.35 \$87.55 \$1,400.00 Fertilizer Fertilizer (N) - ANH3 40 Pound \$0.43 \$17.08 \$2,732.80 Herbicide 1 Acre \$48.50 \$48.50 \$7,760.00 Insecticide and Apply Sorghum 1 Acre \$20.00 \$3,192.00 Miscellaneous Crop Insurance Sorghum - Dryland 1 Acre \$20.00 \$3,200.00 Seed Sorghum 2.25 Pound \$3.20 \$7.20 \$1,152.00 Machinery Labor 0.13 Hour \$18.00 \$2.34 \$374.40 Other Labor 0.15 Hour \$18.00 \$2.49 \$324.92 Gasoline Pickup/General Use Equipment	-	25.00	CWT	\$7.35		
VARIABLE COSTS Quantity Units \$Unit Total Total Production Costs	Total Revenue				\$183.75	
Production Costs Custom Fertilizer Application - ANH3 1 Acre \$18.00 \$18.00 \$2,880.00 Custom Harvest - Sorghum Dryland 1 Acre \$35.00 \$55,600.00 \$52,000 \$52,000 \$52,000 \$52,000 \$52,000 \$52,000 \$52,000 \$52,000 \$52,000 \$52,000 \$52,000 \$52,732.80 Herbicide \$52,000 \$52,732.80 \$56,600.00 \$10,000 \$10,000 \$10,000 \$10,000 \$52,732.80 \$57,760.00 Insecticide \$10,900 \$20,000 \$27,720,000 \$10,900 \$10,900 \$10,900 \$10,900 \$10,900 \$10,900 \$10,900 \$10,900 \$10,900 \$10,900 \$10,900 \$11,900 \$12,000 \$10,900 \$10,900 \$11,900 \$12,000 \$12,000 \$12,000 \$12,000 \$12,000 \$12,000 \$12,000 \$12,000 \$12,000 \$11,152,000 \$11,152,000 \$11,152,000 \$11,152,000 \$12,75 \$12,42 \$33,720,20 \$1,152,000 \$12,75 \$14,420 \$10,00 \$12,75 \$14,420 \$10,00						•
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Fertilizer Application - ANH3 1 Acre \$18.00 \$22,880.00 Custom Harvest - Sorghum Dryland 25 CWT \$0.35 \$85.75 \$1,400.00 Fertilizer Fertilizer (N) - ANH3 40 Pound \$0.43 \$17.08 \$2,732.80 Herbicide Insecticide and Apply Sorghum 1 Acre \$48.50 \$48.50 \$7,760.00 Insecticide Head Worm 0.33 Application \$26.13 \$8.62 \$1,379.66 Insecticide Head Worm 0.33 Application \$19.95 \$19.95 \$3,192.00 Miscellaneous Crop Insurance Sorghum - Dryland Acre \$20.00 \$20.00 \$3,200.00 Seed Sorghum 2.25 Pound \$3.20 \$7.20 \$1,152.00 Machinery Labor 0.13 Hour \$18.00 \$2.34 \$374.40 Other Labor 0.15 Hour \$18.00 \$2.75 \$2.42 \$387.20 Gasoline Fickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 Repairs & Maintenance Pickup/General Use Equipment 1						
Custom Harvest - Sorghum Drylant 1 Acre \$35,00 \$56,00,00 Fertilizer Fortilizer (N) - ANH3 40 Pound \$0.43 \$17.08 \$2,732.80 Herbicide Herbicide 1 Acre \$48.50 \$48.50 \$57,760.00 Insecticide Insecticide Head Worm 0.33 Application \$26.13 \$8.62 \$1,379.66 Insecticide Sugar Cane Aphid 1 Application \$26.13 \$8.62 \$1,379.66 Insecticide Sugar Cane Aphid 1 Application \$21.3 \$8.62 \$1,379.66 Miscellaneous Crop Insurance Sorghum - Dryland 1 Acre \$20.00 \$32.00.00 Seed Sorghum 2.25 Pound \$3.20 \$7.20 \$1,152.00 Machinery Labor 0.13 Hour \$18.00 \$2.34 \$374.40 Other Labor 0.15 Hour \$18.00 \$2.70 \$432.00 Dises/ Evel Seed \$2.61 \$2.42 \$387.80 Tractors/Self-Prop				* • • • • •	* 1 0 0 0	*• • • • • •
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Herbicide and Apply Sorghum 1 Acre \$48.50 \$47,760.00 Insecticide Insecticide Head Worm 0.33 Application \$26.13 \$8.62 \$1,379.66 Insecticide Sugar Cane Aphid 1 Application \$19.95 \$19.95 \$3,192.00 Miscellaneous Crop Insurance Sorghum - Dryland 1 Acre \$20.00 \$3,200.00 Seed Sorghum 2.25 Pound \$3.20 \$7.20 \$1,152.00 Machinery Labor 0.13 Hour \$18.00 \$2.70 \$432.00 Diesel Fuel 0.13 Hour \$18.00 \$2.70 \$432.00 Tractors/Self-Propelled 0.88 Gallon \$2.75 \$2.42 \$387.20 Gasoline Pickup/General Use Equipment 1 Acre \$3.94 \$63.94 Pickup/General Use Equipment 1 Acre \$2.49 \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$3.94 \$63.04 Interest on Credit Line \$5.47 \$874.81 Total		40	Pound	\$0.43	\$17.08	\$2,732.80
InsecticideInsecticideHeadOutputStatuleStatuleStatuleStatuleInsecticideHead Worm0.33Application\$19.95\$19.95\$3.192.00MiscellaneousCrop Insurance Sorghum - Dryland1Acre\$20.00\$3.200.00\$3.200.00SeedSeed - Sorghum2.25Pound\$3.20\$7.20\$1,152.00Machinery Labor0.13Hour\$18.00\$2.34\$374.40Other Labor0.15Hour\$18.00\$2.70\$432.00Diesel Fuel0.88Gallon\$2.75\$2.42\$387.20GasolinePickup/General Use Equipment1Acre\$2.49\$2.49Pickup/General Use Equipment1Acre\$2.49\$397.80Tractors/Self-Propelled1Acre\$2.06\$220.39\$335.02.91Insteat on Credit Line1Acre\$2.09\$33.48\$630.64Insteats on Credit Line1Acre\$2.09\$33.50.291\$20.93Planed Returns Above Variable Costs\$8.38CWTEnterpriseFIXED COSTSQuantityUnits\$/UnitTotalTotalMachinery Depreciation1Acre\$2.09\$2.09\$33.380Implements1Acre\$2.09\$2.09\$33.382Implements1Acre\$2.09\$2.09\$33.382Interest on Credit Line1Acre\$2.09\$33.80Tractors/Self-Propelled1Acre				* 40 = 0	* 10 E0	AT TOO 00
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Insecticide Sugar Cane Aphid 1 Application \$19.95 \$19.95 \$3,192.00 Miscellaneous Crop Insurance Sorghum - Dryland 1 Acre \$20.00 \$3,200.00 Seed Seed - Sorghum 2.25 Pound \$3.20 \$7.20 \$1,152.00 Machinery Labor Tractors/Self-Propelled 0.13 Hour \$18.00 \$2.34 \$374.40 Other Labor 0.15 Hour \$18.00 \$2.34 \$374.40 Gasoline 0 1.4 Acre \$4.88 \$4.83 \$780.00 Pickup/General Use Equipment 1 Acre \$4.38 \$4.88 \$780.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.49 \$334 \$630.62 Interest on Credit Line 50.06 \$2.06 \$2.32 \$333.502.91 \$209.33 \$333.602.91 Planned Returns Above Variable Costs: \$8.38 CWT \$209.33 \$333.602.91 Pickup/Gen				*** ***		
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Seed Seed - Sorghum 2.25 Pound \$3.20 \$7.20 \$1,152.00 Machinery Labor Tractors/Self-Propelled 0.13 Hour \$18.00 \$2.34 \$374.40 Other Labor 0.15 Hour \$18.00 \$2.70 \$432.00 Diesel Fuel Tractors/Self-Propelled 0.88 Gallon \$2.75 \$2.42 \$387.20 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 \$337.80 Implements 1 Acre \$2.06 \$329.61 Implements \$65.47 \$874.81 Total Variable Costs \$5.47 \$\$274.81 \$\$209.33 \$33,502.91 \$\$209.33 \$33,502.91 Planned Returns Above Variable Costs: \$\$209.33 \$\$33,602.91 \$\$209.33 \$\$33,88 Implements 1 Acre \$\$2.09 \$\$33,88 Implements 1 Acre \$\$2.09 <				*••••	***	** *** **
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Machinery Labor Tractors/Self-Propelled 0.13 0.15 Hour Hour \$18.00 \$18.00 \$2.34 \$2.70 \$374.40 \$432.00 Diesel Fuel Tractors/Self-Propelled 0.88 Gallon \$2.75 \$2.42 \$387.20 Gasoline Pickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$339.80 Tractors/Self-Propelled 1 Acre \$2.06 \$2.06 \$329.61 Interest on Credit Line 1 Acre \$3.94 \$630.64 \$50.93 \$335.50.291 Planned Returns Above Variable Costs: \$2.09 \$33.502.91 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$2.09 \$33.502.91 Planned Returns Above Variable Costs: \$8.38 CWT Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Pickup/General Use Equipment 1 Acre \$2.61 \$417.69 Tractors/Self-Propelled 1			<u> </u>	*• • • •	*7 • •	* 4 450 00
Tractors/Self-Propelled 0.13 Hour \$18.00 \$2.34 \$374.40 Other Labor 0.15 Hour \$18.00 \$2.70 \$432.00 Diesel Fuel Tractors/Self-Propelled 0.88 Gallon \$2.75 \$2.42 \$387.20 Gasoline Pickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$337.80 Tractors/Self-Propelled 1 Acre \$2.49 \$327.80 Tractor/Self-Propelled 1 Acre \$2.49 \$329.61 Implements 1 Acre \$2.49 \$329.61 Implements 1 Acre \$2.49 \$329.41 Total Variable Costs \$5.47 \$874.81 \$630.64 Planned Returns Above Variable Costs: \$8.38 CWT \$209.33 \$33,502.91 Planned Returns Above Variable Costs: \$8.38 CWT Total Total Machinery Depreciation 1		2.25	Pound	\$3.20	\$7.20	\$1,152.00
Other Labor 0.15 Hour \$18.00 \$2.70 \$432.00 Diesel Fuel Tractors/Self-Propelled 0.88 Gallon \$2.75 \$2.42 \$387.20 Gasoline Pickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$337.80 Tractors/Self-Propelled 1 Acre \$2.49 \$337.80 Tractors/Self-Propelled 1 Acre \$2.49 \$337.80 Implements 1 Acre \$2.49 \$337.80 Total Variable Costs 8.50% \$5.47 \$874.81 Total Variable Costs \$8.38 CWT \$209.39 \$33,502.91 Planned Returns Above Variable Costs: \$8.38 CWT \$417.69 Tractors/Self-Propelled 1 Acre \$2.61 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$2.61 \$2.61 \$417.69 Tractors/Self-Propelled 1	•			*** ***		+ <i>·</i> · · ·
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Gasoline Pickup/General Use Equipment 1 Acre \$4.88 \$4.88 \$780.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$337.80 Pickup/General Use Equipment 1 Acre \$2.06 \$32.06 \$3329.61 Implements 1 Acre \$2.06 \$2.06 \$333.94 \$630.64 Interest on Credit Line 8.50% \$5.47 \$874.81 \$209.39 \$33,502.91 Planned Returns Above Variable Costs: \$209.39 \$33,502.91 \$(\$25.64) \$(\$4,102.91) Breakeven Price to Cover Variable Costs: \$8.38 CWT Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation 1 Acre \$2.09 \$333.83 Implements 1 Acre \$2.09 \$333.83 Implements 1 Acre \$2.09 \$333.83 Implements \$2.09 \$333.83 Implements 1 Acre \$2.09 \$333.83 <td></td> <td></td> <td>.</td> <td>+</td> <td>** **</td> <td></td>			.	+	** **	
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Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.06 \$2.06 \$329.61 Implements 1 Acre \$3.94 \$630.64 Interest on Credit Line 8.50% \$5.47 \$874.81 Total Variable Costs \$209.39 \$333,502.91 Planned Returns Above Variable Costs: \$8.38 CWT Breakeven Price to Cover Variable Costs: \$8.38 CWT FIXED COSTS Quantity Units \$/Unit Total Machinery Depreciation \$2.61 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$2.09 \$333.88 Implements 1 Acre \$5.14 \$5.14 \$821.66 Equipment Investment Pickup/General Use Equipment \$1.8.03 Dollars \$5.0% \$1.33 \$221.			_			
Pickup/General Use Equipment 1 Acre \$2.49 \$397.80 Tractors/Self-Propelled 1 Acre \$2.06 \$329.61 Implements 1 Acre \$3.94 \$630.64 Interest on Credit Line 8.50% \$5.47 \$874.81 Total Variable Costs \$209.39 \$33,502.91 Planned Returns Above Variable Costs: \$8.38 CWT Breakeven Price to Cover Variable Costs: \$8.38 CWT FIXED COSTS Quantity Units \$/Unit Total Machinery Depreciation Pickup/General Use Equipment 1 Acre \$2.09 \$33.388 Implements 1 Acre \$2.09 \$33.388 Implements 1 Acre \$2.09 \$33.383 Implements 1 Acre \$5.14 \$81.66 Equipment Investment Pickup/General Use Equipment \$18.03 Dollars \$5.0% \$1.53 \$245.14 Tractors/Self-Propelled \$16.26 Dollars \$5.0% \$1.38 \$221.09 Implements \$21.97 Dollars \$5.0%		1	Acre	\$4.88	\$4.88	\$780.00
Tractors/Self-Propelled 1 Acre \$2.06 \$3.94 \$3.94 \$630.64 Inplements 1 Acre \$3.94 \$3.94 \$630.64 Interest on Credit Line 8.50% \$5.47 \$874.81 \$209.39 \$33,502.91 Total Variable Costs \$209.39 \$33,502.91 \$209.39 \$33,502.91 \$209.39 \$33,502.91 Planned Returns Above Variable Costs: \$8.38 CWT \$209.39 \$33,502.91 \$209.39 \$33,502.91 Breakeven Price to Cover Variable Costs: \$8.38 CWT \$209.39 \$33,502.91 FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation 1 Acre \$2.61 \$2.61 \$417.69 Tractors/Self-Propelled 1 Acre \$2.09 \$333.88 Implements 1 Acre \$5.14 \$821.66 Equipment Investment Pickup/General Use Equipment \$18.03 Dollars \$5.0% \$1.53 \$245.14 Tractors/Self-Propelled \$16.26 Dollars \$5.0% \$1.87 \$298.76						
Implements 1 Acre \$3.94 \$3.94 \$630.64 Interest on Credit Line ************************************						•
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Implements 1 Acre \$5.14 \$5.14 \$821.66 Equipment Investment Pickup/General Use Equipment \$18.03 Dollars 8.50% \$1.53 \$245.14 Tractors/Self-Propelled \$16.26 Dollars 8.50% \$1.38 \$221.09 Implements \$21.97 Dollars 8.50% \$1.87 \$298.76 Cash Rent - Sorghum 1 Acre \$30.00 \$4,800.00 Total Fixed Costs \$254.01 \$40,641.14 Returns Above Specified Costs (\$70.26) (\$11,241.14)						•
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Returns Above Specified Costs (\$70.26) (\$11,241.14)				_		\$7,138.23
	Total Specified Costs			_	\$254.01	\$40,641.14
Breakeven Price to Cover Total Costs \$10.16 CWT	Returns Above Specified Costs				(\$70.26)	(\$11,241.14)
	Breakeven Price to Cover Total Costs			<u>\$10</u> .16 (CWT	

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.