2024 Estimated Costs and Returns per Acre Continuous Wheat, Sprinkler Irrigated (NG) Panhandle Extension District - 1

Crop Acres	12	22

Name	Crop Acres	122				Fatamaiaa
Wheat	REVENITE	Quantity	Unite	¢/Llnit	Total	Enterprise
Grazing - Wheat						
VARIABLE COSTS					·	
VARIABLE COSTS	•			,		
VARIABLE COSTS					Ţ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Seed - Wheat	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	
Seed - Wheat	Production Costs					
Fertilizer (N) - ANH3						
Fertilizer (N) - ANH3		1.2	Bushel	\$12.50	\$15.00	\$1,830.00
Fertilizer (P) - Liquid 25						
Fertilizer (N) - Liquid						
Custom					•	
Fertilizer Application - ANH3		20	Pouna	\$0.58	\$11.50	\$1,410.32
Harvest and Haul - Wheat Irrigated 50 Bushel \$1.14 \$57.00 \$6,954.00		1	Acre	\$18.00	\$18.00	\$2 196 00
Miscellaneous					•	
Crop Insurance Wheat Irrigated Insecticide and Apply Wheat Insecticide Insec	•	00	Buonioi	Ψ	Ψ07.00	Ψο,σο 1.σο
Insecticide Insecticide and Apply Wheat 1 Acre \$14.62 \$14.62 \$1,783.64 Irrigation Energy Cost 10.00 Acrelnch \$3.80 \$38.00 \$4,636.00 Irrigation Labor 0.96 Hour \$17.94 \$17.22 \$2,101.13 Machinery Labor Tractors/Self-Propelled 0.25 Hour \$17.65 \$4.41 \$538.33 Other Labor 0.29 Hour \$17.65 \$5.12 \$624.46 Diesel Fuel Tractors/Self-Propelled 0.25 Hour \$17.65 \$4.41 \$538.33 Other Labor 0.29 Hour \$17.65 \$5.12 \$624.46 Diesel Fuel Tractors/Self-Propelled 0.25 Hour \$17.65 \$5.12 \$624.46 Diesel Fuel Tractors/Self-Propelled 0.25 Hour \$17.65 \$4.41 \$538.33 Other Labor \$1.53 Gallon \$3.10 \$4.74 \$578.65 Gasoline Pickup/General Use Equipment 1 Acre \$4.92 \$4.92 \$600.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$3.50 \$33.50 \$4.575.00 Tractors/Self-Propelled 1 Acre \$3.30 \$33.50 \$4.575.00 Tractors/Self-Propelled 1 Acre \$3.03 \$3.03 \$369.51 Implements 1 Acre \$5.57 \$5.57 \$680.02 Interest on Credit Line \$33.50 \$51.894.80 Total Variable Costs \$33.00 \$51.53 \$1.894.80 Total Variable Costs \$4.19 Busher Enterprise		1	Acre	\$36.00	\$36.00	\$4,392.00
Irrigation	· · · · · · · · · · · · · · · · · · ·			,		. ,
Energy Cost	Insecticide and Apply Wheat	1	Acre	\$14.62	\$14.62	\$1,783.64
Irrigation Labor	Irrigation					
Machinery Labor Tractors/Self-Propelled 0.25 Hour \$17.65 \$4.41 \$538.33 Other Labor 0.29 Hour \$17.65 \$5.12 \$624.46 Diesel Fuel Tractors/Self-Propelled 1.53 Gallon \$3.10 \$4.74 \$578.65 Gasoline Pickup/General Use Equipment 1 Acre \$4.92 \$4.92 \$600.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$37.50 \$37.50 \$4.575.00 Tractors/Self-Propelled 1 Acre \$37.50 \$37.50 \$4.575.00 Tractors/Self-Propelled 1 Acre \$3.03 \$3.03 \$3.69.51 Implements 1 Acre \$5.57 \$5.57 \$580.02 Interest on Credit Line 9.00% \$15.53 \$1,894.80 Total Variable Costs \$77.90 \$9,503.62 \$1.64 \$1.65		10.00	AcreInch	\$3.80	\$38.00	\$4,636.00
Tractors/Self-Propelled		0.96	Hour	\$17.94	\$17.22	\$2,101.13
Other Labor Diesel Fuel Tractors/Self-Propelled 1.53 Gallon \$3.10 \$4.74 \$578.65 Gasoline Pickup/General Use Equipment 1 Acre \$4.92 \$4.92 \$600.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$37.50 \$37.50 \$4.575.00 Irrigation Equipment 1 Acre \$37.50 \$37.50 \$4.575.00 Irrigation Equipment 1 Acre \$37.50 \$37.50 \$4.575.00 Irrigation Equipment 1 Acre \$3.03 \$3.03 \$369.51 Implements 1 Acre \$5.57 \$5.57 \$680.02 Interest on Credit Line 9.00% \$15.53 \$1,894.80 Total Variable Costs \$37.90 \$37.90 \$37.90 \$37.90 \$37.90 \$37.90 \$37.90 \$37.90 \$39.50.62 \$37.90 \$37.90 \$39.50.62 \$37.90 \$39.50.62 \$37.90 \$39.50.62 \$39.50 \$39.5	•			4		
Diesel Fuel	·				•	
Tractors/Self-Propelled 1.53 Gallon \$3.10 \$4.74 \$578.65 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 \$3.750 \$37.50 \$4,575.00 Tractors/Self-Propelled 1 Acre \$3.03 \$369.51 Implements 1 Acre \$5.57 \$5.57 \$680.02 Interest on Credit Line 9.00% \$15.53 \$1,894.80 \$15.53 \$1,894.80 Total Variable Costs 8 9.00% \$15.53 \$1,894.80 Planned Returns Above Variable Costs: \$4.19 80.90 \$15.53 \$1,894.80 Planned Returns Above Variable Costs: \$4.19 \$0.90% \$15.53 \$1,894.80 Planned Returns Above Variable Costs: \$4.19 \$0.90 \$1.50 \$1.64 \$1.64 \$1.64 \$1.64 \$1.64 \$1.64 \$1.64		0.29	Hour	\$17.65	\$5.12	\$624.46
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 \$37.50 \$37.50 \$4,575.00 Tractors/Self-Propelled 1 Acre \$3.03 \$3.03 \$369.51 Implements 1 Acre \$5.57 \$5.57 \$680.02 Interest on Credit Line 9,00% \$15.53 \$1,894.80 Total Variable Costs 9,00% \$15.53 \$1,894.80 Planned Returns Above Variable Costs 84.19 Busel FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Pickup/General Use Equipment 1 Acre \$2.63 \$2.63 \$321.30 Irrigation Equipment 1 Acre \$3.50 \$33.50 \$34,087.80 Tractors/Self-Propelled 1 Acre \$3.08 \$3.08 \$375.78 Implements 1 Acre \$3.08 \$3.08 \$375.78 Implements 1 Acre \$3.08 \$3.08 \$375.78 Equipment Investment Pickup/General Use Equipment \$18.18 Dollars 9.00% \$1.64 \$199.67 Tractors/Self-Propelled \$24.00 Dollars 9.00% \$42.33 \$5,163.75 Tractors/Self-Propelled \$24.00 Dollars 9.00% \$42.33 \$5,163.75 Tractors/Self-Propelled \$24.00 Dollars 9.00% \$42.33 \$5,163.75 Cash Rent - Wheat Irrigated 1 Acre \$125.00 \$15,250.00 Total Fixed Costs \$551.94 \$66,334.47 Tractors/Self-Propelled \$24.00 Dollars 9.00% \$2.16 \$263.47 Tractors/Self-Propelled \$24.00 Dollars 9.00% \$42.33 \$5,163.75 Cash Rent - Wheat Irrigated 1 Acre \$125.00 \$551.94 \$26,832.47 Total Specified Costs \$551.94 \$66,336.65 Returns Above Specified Costs \$6,336.65 Tractors/Self-Propelled \$6,336.65 Tractors/Self-Propelled \$6,336.65 Tractors/Self-Propelled \$6,336.65 Tractors/Self-Propelled \$6,336.65 Tractors/Self-Propelled \$6,336.65 Tractors/Self-Propelled \$6,336.65 Tra		1.50	Callan	¢2.10	¢4.74	¢570.65
Pickup/General Use Equipment 1 Acre \$4.92 \$4.92 \$600.00		1.55	Gallon	Ф 3.10	Φ4.74	φο/ο.0ο
Repairs & Maintenance		1	Acre	\$4 92	\$4.92	\$600.00
Pickup/General Use Equipment			Aoro	Ψ4.02	Ψ4.02	Ψοσο.σο
Irrigation Equipment	·	1	Acre	\$2.51	\$2.51	\$306.00
Tractors/Self-Propelled	•				•	•
Interest on Credit Line		1	Acre	\$3.03	\$3.03	\$369.51
Total Variable Costs	Implements	1	Acre	\$5.57	\$5.57	\$680.02
Planned Returns Above Variable Costs \$4.19 Bushel Enterprise	Interest on Credit Line			9.00%		\$1,894.80
Section	Total Variable Costs				\$332.00	\$40,504.18
FIXED COSTS Quantity Units \$\frac{1}{2}\text{Unit} Total Total	Planned Returns Above Variable Costs:			•	\$77.90	\$9,503.62
PixED COSTS Quantity Units \$/Unit Total Total	Breakeven Price to Cover Variable Costs			\$4.19	Bushel	
Machinery Depreciation Pickup/General Use Equipment 1 Acre \$2.63 \$2.63 \$321.30 Irrigation Equipment 1 Acre \$33.50 \$33.50 \$4,087.50 Tractors/Self-Propelled 1 Acre \$3.08 \$3.08 \$375.78 Implements 1 Acre \$6.93 \$6.93 \$845.49 Equipment Investment Pickup/General Use Equipment \$18.18 Dollars 9.00% \$1.64 \$199.67 Irrigation Equipment \$470.29 Dollars 9.00% \$42.33 \$5,163.75 Tractors/Self-Propelled \$24.00 Dollars 9.00% \$2.16 \$263.47 Implements \$29.65 Dollars 9.00% \$2.67 \$325.51 Cash Rent - Wheat Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Specified Costs \$251.94 \$67,336.65 Returns Above Specified Costs \$551.94 \$67,336.65						•
Pickup/General Use Equipment 1 Acre \$2.63 \$2.63 \$321.30 Irrigation Equipment 1 Acre \$33.50 \$33.50 \$4,087.50 Tractors/Self-Propelled 1 Acre \$3.08 \$3.08 \$375.78 Implements 1 Acre \$6.93 \$6.93 \$845.49 Equipment Investment Pickup/General Use Equipment \$18.18 Dollars 9.00% \$1.64 \$199.67 Irrigation Equipment \$470.29 Dollars 9.00% \$42.33 \$5,163.75 Tractors/Self-Propelled \$24.00 Dollars 9.00% \$2.16 \$263.47 Implements \$29.65 Dollars 9.00% \$2.67 \$325.51 Cash Rent - Wheat Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Specified Costs \$551.94 \$67,336.65 Returns Above Specified Costs (\$142.04) (\$17,328.85)		Quantity	Units	\$/Unit	Total	Total
Irrigation Equipment 1 Acre \$33.50 \$33.50 \$4,087.50 Tractors/Self-Propelled 1 Acre \$3.08 \$3.08 \$375.78 Implements 1 Acre \$6.93 \$6.93 \$845.49 Equipment Investment Pickup/General Use Equipment \$18.18 Dollars 9.00% \$1.64 \$199.67 Irrigation Equipment \$470.29 Dollars 9.00% \$42.33 \$5,163.75 Tractors/Self-Propelled \$24.00 Dollars 9.00% \$2.16 \$263.47 Implements \$29.65 Dollars 9.00% \$2.67 \$325.51 Cash Rent - Wheat Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Fixed Costs \$219.94 \$26,832.47 Total Specified Costs \$551.94 \$67,336.65 Returns Above Specified Costs \$142.04 \$17,328.85	Machinery Depreciation	4		40.00	ф0.00	4004.00
Tractors/Self-Propelled 1 Acre \$3.08 \$3.08 \$375.78 Implements 1 Acre \$6.93 \$6.93 \$845.49 Equipment Investment Pickup/General Use Equipment \$18.18 Dollars 9.00% \$1.64 \$199.67 Irrigation Equipment \$470.29 Dollars 9.00% \$42.33 \$5,163.75 Tractors/Self-Propelled \$24.00 Dollars 9.00% \$2.16 \$263.47 Implements \$29.65 Dollars 9.00% \$2.67 \$325.51 Cash Rent - Wheat Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Fixed Costs \$219.94 \$26,832.47 Total Specified Costs \$551.94 \$67,336.65 Returns Above Specified Costs (\$142.04) (\$17,328.85)					•	
Implements						
Equipment Investment Pickup/General Use Equipment \$18.18 Dollars 9.00% \$1.64 \$199.67 Irrigation Equipment \$470.29 Dollars 9.00% \$42.33 \$5,163.75 Tractors/Self-Propelled \$24.00 Dollars 9.00% \$2.16 \$263.47 Implements \$29.65 Dollars 9.00% \$2.67 \$325.51 Cash Rent - Wheat Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Fixed Costs \$219.94 \$26,832.47 Total Specified Costs \$551.94 \$67,336.65 Returns Above Specified Costs (\$142.04) (\$17,328.85)	•	•		-	· ·	
Pickup/General Use Equipment \$18.18 Dollars 9.00% \$1.64 \$199.67 Irrigation Equipment \$470.29 Dollars 9.00% \$42.33 \$5,163.75 Tractors/Self-Propelled \$24.00 Dollars 9.00% \$2.16 \$263.47 Implements \$29.65 Dollars 9.00% \$2.67 \$325.51 Cash Rent - Wheat Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Fixed Costs \$219.94 \$26,832.47 \$67,336.65 \$551.94 \$67,336.65 Returns Above Specified Costs (\$142.04) (\$17,328.85)		'	Acre	φ0.33	Ψ0.33	φ045.43
Irrigation Equipment		\$18 18	Dollars	9.00%	\$1.64	\$199.67
Tractors/Self-Propelled \$24.00 Dollars 9.00% \$2.16 \$263.47 Implements \$29.65 Dollars 9.00% \$2.67 \$325.51 Cash Rent - Wheat Irrigated 1 Acre \$125.00 \$125.00 \$15,250.00 Total Fixed Costs \$219.94 \$26,832.47 Total Specified Costs \$551.94 \$67,336.65 Returns Above Specified Costs (\$142.04) (\$17,328.85)						
Implements						
Cash Rent - Wheat Irrigated 1 Acre \$125.00 \$15,250.00 Total Fixed Costs \$219.94 \$26,832.47 Total Specified Costs \$551.94 \$67,336.65 Returns Above Specified Costs (\$142.04) (\$17,328.85)	•					
Total Fixed Costs \$219.94 \$26,832.47 Total Specified Costs \$551.94 \$67,336.65 Returns Above Specified Costs (\$142.04) (\$17,328.85)						
Total Specified Costs \$551.94 \$67,336.65 Returns Above Specified Costs (\$142.04) (\$17,328.85)						
Returns Above Specified Costs (\$142.04) (\$17,328.85)				:		
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Breakeven Price to Cover Total Costs \$8.59 Bushel	Returns Above Specified Costs				(\$142.04)	(\$17,328.85)
	Breakeven Price to Cover Total Costs			\$8.59	Bushel	

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.