

**2024 Estimated Costs and Returns per Acre
Triticale Silage, Sprinkler Irrigated (NG)
Panhandle Extension District - 1**

Crop Acres		122			
				Total	Enterprise Total
REVENUE					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Triticale Silage	10.00	Ton	\$51.60	\$516.00	\$62,952.00
Total Revenue				\$516.00	\$62,952.00
VARIABLE COSTS					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Fertilizer					
Fertilizer (N) - ANH3	55	Pound	\$0.43	\$23.49	\$2,865.17
Fertilizer (P) - Liquid	35	Pound	\$0.88	\$30.87	\$3,766.14
Fertilizer (N) - Liquid	25	Pound	\$0.58	\$14.45	\$1,762.90
Custom					
Fertilizer Application - ANH3	1	Acre	\$18.00	\$18.00	\$2,196.00
Harvest and Haul - Triticale Silage	10	Ton	\$12.50	\$125.00	\$15,250.00
Insecticide					
Insecticide and Apply Triticale	1	Acre	\$14.62	\$14.62	\$1,783.64
Seed					
Seed - Triticale	0.6	CWT	\$25.00	\$15.00	\$1,830.00
Irrigation					
Energy Cost	10.00	AcreInch	\$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	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	\$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%	\$13.97	\$1,704.61
Total Variable Costs				\$378.42	\$46,167.55
Planned Returns Above Variable Costs:				\$137.58	\$16,784.45
Breakeven Price to Cover Variable Costs			\$37.84	Ton	
FIXED COSTS					
	Quantity	Units	\$/Unit	Total	Enterprise Total
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 - Triticale Irrigated	1	Acre	\$125.00	\$125.00	\$15,250.00
Total Fixed Costs				\$219.94	\$26,832.47
Total Specified Costs				\$598.36	\$73,000.02
Returns Above Specified Costs				(\$82.36)	(\$10,048.02)
Breakeven Price to Cover Total Costs			\$59.84	Ton	

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.