

**2023 Estimated Costs and Returns per Acre
Triticale Silage, Sprinkler Irrigated (NG)
Panhandle Extension District - 1**

Crop Acres		122				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Triticale Silage		10.00	Ton	\$61.95	\$619.47	\$75,575.34
Total Revenue					\$619.47	\$75,575.34
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Fertilizer						
	Fertilizer (N) - ANH3	55	Pound	\$0.76	\$41.86	\$5,106.31
	Fertilizer (P) - Liquid	35	Pound	\$1.09	\$38.19	\$4,658.57
	Fertilizer (N) - Liquid	25	Pound	\$0.98	\$24.43	\$2,979.85
Custom						
	Fertilizer Application - ANH3	1	Acre	\$21.99	\$21.99	\$2,682.78
	Harvest and Haul - Triticale Silage	10	Ton	\$10.50	\$105.00	\$12,810.00
Insecticide						
	Insecticide and Apply Triticale	1	Acre	\$15.89	\$15.89	\$1,938.58
Seed						
	Seed - Triticale	0.6	CWT	\$28.90	\$17.34	\$2,115.48
Irrigation						
	Energy Cost	10.00	AcreInch	\$4.70	\$47.00	\$5,734.00
	Irrigation Labor	0.96	Hour	\$17.50	\$16.80	\$2,049.60
Machinery Labor						
	Tractors/Self-Propelled	0.25	Hour	\$17.21	\$4.30	\$524.91
	Other Labor	0.29	Hour	\$17.21	\$4.99	\$608.89
Diesel Fuel						
	Tractors/Self-Propelled	1.53	Gallon	\$2.24	\$3.43	\$418.12
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$4.28	\$4.28	\$522.50
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			8.00%	\$14.98	\$1,826.96
Total Variable Costs					\$409.07	\$49,907.08
Planned Returns Above Variable Costs:					\$210.40	\$25,668.26
Breakeven Price to Cover Variable Costs				\$40.91	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	8.00%	\$1.45	\$177.48
	Irrigation Equipment	\$470.29	Dollars	8.00%	\$37.62	\$4,590.00
	Tractors/Self-Propelled	\$24.00	Dollars	8.00%	\$1.92	\$234.20
	Implements	\$29.65	Dollars	8.00%	\$2.37	\$289.34
	Cash Rent - Triticale Irrigated	1	Acre	\$88.50	\$88.50	\$10,797.00
Total Fixed Costs					\$178.02	\$21,718.09
Total Specified Costs					\$587.09	\$71,625.17
Returns Above Specified Costs					\$32.38	\$3,950.17
Breakeven Price to Cover Total Costs				\$58.71	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.