

**2022 Estimated Costs and Returns per Acre
Triticale Silage, Sprinkler Irrigated (NG)
Panhandle Extension District - 1**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Triticale Silage	10.00	Ton	\$45.45	\$454.50	\$55,449.00	
Total Revenue				\$454.50	\$55,449.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Fertilizer						
Fertilizer (N) - ANH3	55	Pound	\$0.41	\$22.55	\$2,751.10	
Fertilizer (P) - Liquid	35	Pound	\$0.72	\$25.20	\$3,074.40	
Fertilizer (N) - Liquid	25	Pound	\$0.69	\$17.25	\$2,104.50	
Custom						
Fertilizer Application - ANH3	1	Acre	\$17.59	\$17.59	\$2,145.98	
Harvest and Haul - Triticale Silage	10	Ton	\$11.18	\$111.80	\$13,639.60	
Insecticide						
Insecticide and Apply Triticale	1	Acre	\$11.27	\$11.27	\$1,374.94	
Seed						
Seed - Triticale	0.6	CWT	\$28.90	\$17.34	\$2,115.48	
Irrigation						
Energy Cost	10.00	AcreInch	\$3.91	\$39.10	\$4,770.20	
Irrigation Labor	0.96	Hour	\$16.38	\$15.72	\$1,918.43	
Machinery Labor						
Tractors/Self-Propelled	0.25	Hour	\$16.12	\$4.03	\$491.54	
Other Labor	0.29	Hour	\$16.12	\$4.67	\$570.18	
Diesel Fuel						
Tractors/Self-Propelled	1.53	Gallon	\$2.67	\$4.09	\$498.38	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$5.12	\$5.12	\$625.00	
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			6.30%	\$9.44	\$1,151.28	
Total Variable Costs				\$353.78	\$43,161.54	
Planned Returns Above Variable Costs:				\$100.72	\$12,287.46	
Breakeven Price to Cover Variable Costs			\$35.38	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	6.30%	\$1.15	\$139.77	
Irrigation Equipment	\$470.29	Dollars	6.30%	\$29.63	\$3,614.63	
Tractors/Self-Propelled	\$24.00	Dollars	6.30%	\$1.51	\$184.43	
Implements	\$29.65	Dollars	6.30%	\$1.87	\$227.86	
Cash Rent - Triticale Irrigated	1	Acre	\$79.00	\$79.00	\$9,638.00	
Total Fixed Costs				\$159.30	\$19,434.75	
Total Specified Costs				\$513.08	\$62,596.29	
Returns Above Specified Costs				(\$58.58)	(\$7,147.29)	
Breakeven Price to Cover Total Costs			\$51.31	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.