

**2021 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	\$35.10	\$350.98	\$42,819.80
Total Revenue				\$350.98	\$42,819.80
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Fertilizer					
Fertilizer (N) - ANH3	55	Pound	\$0.30	\$16.50	\$2,013.00
Fertilizer (P) - Liquid	35	Pound	\$0.49	\$17.15	\$2,092.30
Fertilizer (N) - Liquid	25	Pound	\$0.50	\$12.50	\$1,525.00
Custom					
Fertilizer Application - ANH3	1	Acre	\$16.05	\$16.05	\$1,958.27
Harvest and Haul - Triticale Silage	10	Ton	\$9.64	\$96.35	\$11,754.73
Insecticide					
Insecticide and Apply Triticale	1	Acre	\$9.62	\$9.62	\$1,173.61
Seed					
Seed - Triticale	0.6	CWT	\$28.69	\$17.21	\$2,100.12
Irrigation					
Energy Cost	10.00	AcreInch	\$3.35	\$33.50	\$4,087.00
Irrigation Labor	0.96	Hour	\$13.65	\$13.10	\$1,598.69
Machinery Labor					
Tractors/Self-Propelled	0.41	Hour	\$13.43	\$5.51	\$671.77
Other Labor	0.45	Hour	\$13.43	\$6.04	\$737.31
Diesel Fuel					
Tractors/Self-Propelled	2.12	Gallon	\$2.19	\$4.64	\$566.47
Gasoline					
Pickup/General Use Equipment	1	Acre	\$5.20	\$5.20	\$634.50
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	\$3.94	\$3.94	\$481.09
Implements	1	Acre	\$10.77	\$10.77	\$1,313.39
Interest on Credit Line			6.25%	\$8.56	\$1,044.49
Total Variable Costs				\$316.66	\$38,632.74
Planned Returns Above Variable Costs:				\$34.32	\$4,187.06
Breakeven Price to Cover Variable Costs			\$31.67	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	\$3.91	\$3.91	\$477.53
Implements	1	Acre	\$13.43	\$13.43	\$1,638.87
Equipment Investment					
Pickup/General Use Equipment	\$18.18	Dollars	6.25%	\$1.14	\$138.66
Irrigation Equipment	\$470.29	Dollars	6.25%	\$29.39	\$3,585.94
Tractors/Self-Propelled	\$30.49	Dollars	6.25%	\$1.91	\$232.51
Implements	\$57.46	Dollars	6.25%	\$3.59	\$438.17
Cash Rent - Triticale Irrigated	1	Acre	\$76.00	\$76.00	\$9,272.00
Total Fixed Costs				\$165.51	\$20,192.48
Total Specified Costs				\$482.17	\$58,825.21
Returns Above Specified Costs				(\$131.19)	(\$16,005.41)
Breakeven Price to Cover Total Costs			\$48.22	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.