

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 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	\$34.52	\$345.20	\$42,114.40
Total Revenue					\$345.20	\$42,114.40
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Fertilizer						
	Fertilizer (N) - ANH3	55	Pound	\$0.28	\$15.40	\$1,878.80
	Fertilizer (P) - Liquid	35	Pound	\$0.54	\$18.90	\$2,305.80
	Fertilizer (N) - Liquid	25	Pound	\$0.47	\$11.75	\$1,433.50
Custom						
	Fertilizer Application - ANH3	1	Acre	\$15.36	\$15.36	\$1,873.92
	Harvest and Haul - Triticale Silage	10	Ton	\$9.22	\$92.20	\$11,248.40
Insecticide						
	Insecticide and Apply Triticale	1	Acre	\$9.20	\$9.20	\$1,122.40
Seed						
	Seed - Triticale	0.6	CWT	\$29.42	\$17.65	\$2,153.54
Irrigation						
	Energy Cost	10.00	AcreInch	\$3.40	\$34.00	\$4,148.00
	Irrigation Labor	0.96	Hour	\$13.24	\$12.71	\$1,550.67
Machinery Labor						
	Tractors/Self-Propelled	0.41	Hour	\$13.03	\$5.34	\$651.76
	Other Labor	0.45	Hour	\$13.03	\$5.86	\$715.35
Diesel Fuel						
	Tractors/Self-Propelled	2.12	Gallon	\$2.33	\$4.94	\$602.63
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$4.82	\$4.82	\$587.50
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	\$3.67	\$3.67	\$447.35
	Implements	1	Acre	\$12.88	\$12.88	\$1,571.00
	Interest on Credit Line			6.04%	\$8.24	\$1,004.89
Total Variable Costs					\$312.92	\$38,176.52
Planned Returns Above Variable Costs:					\$32.28	\$3,937.88
Breakeven Price to Cover Variable Costs				\$31.29	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	\$3.64	\$3.64	\$443.99
	Implements	1	Acre	\$16.28	\$16.28	\$1,986.02
Equipment Investment						
	Pickup/General Use Equipment	\$18.18	Dollars	6.32%	\$1.15	\$140.21
	Irrigation Equipment	\$470.29	Dollars	6.32%	\$29.72	\$3,626.10
	Tractors/Self-Propelled	\$28.35	Dollars	6.32%	\$1.79	\$218.60
	Implements	\$69.64	Dollars	6.32%	\$4.40	\$536.93
	Cash Rent - Triticale Irrigated	1	Acre	\$72.00	\$72.00	\$8,784.00
Total Fixed Costs					\$165.12	\$20,144.65
Total Specified Costs					\$478.04	\$58,321.17
Returns Above Specified Costs					(\$132.84)	(\$16,206.77)
Breakeven Price to Cover Total Costs				\$47.80	Ton	

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Ton	Costs	Costs
75%	7.50	\$41.72	\$63.74
90%	9.00	\$34.77	\$53.12
100%	10.00	\$31.29	\$47.80
110%	11.00	\$28.45	\$43.46
125%	12.50	\$25.03	\$38.24

Developed by DeDe Jones, Extension Risk Management Specialist III, 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.