

**2021 Estimated Costs and Returns per Acre
Corn Silage, Bt, Sprinkler Irrigated (NG)
Panhandle Extension District - 1**

Crop Acres	122					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Enterprise
Corn Silage	27.00	Ton	\$39.00	\$1,052.95	\$128,459.41	
Total Revenue				\$1,052.95	\$128,459.41	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Custom						
Fertilizer Application - ANH3	1	Acre	\$16.05	\$16.05	\$1,958.27	
Harvest and Haul - Corn Silage	27	Ton	\$9.64	\$260.15	\$31,737.76	
Fertilizer						
Fertilizer (P) - Liquid	90	Pound	\$0.49	\$44.10	\$5,380.20	
Fertilizer (N) - ANH3	160	Pound	\$0.30	\$48.00	\$5,856.00	
Fertilizer (N) - Liquid	95	Pound	\$0.50	\$47.50	\$5,795.00	
Herbicide						
Herbicide - Corn Preplant	1	Acre	\$19.28	\$19.28	\$2,352.20	
Herbicide - Corn Postplant	1	Acre	\$17.41	\$17.41	\$2,123.66	
Insecticide						
Miticide	1	Acre	\$22.87	\$22.87	\$2,790.46	
Insecticide and Apply Corn Silage	1	Acre	\$27.75	\$27.75	\$3,385.61	
Miscellaneous						
Crop Insurance Corn Silage Irrigated	1	Acre	\$40.15	\$40.15	\$4,898.30	
Seed						
Seed - Corn Silage	0.44	Bag	\$248.67	\$109.42	\$13,348.82	
Irrigation						
Energy Cost	20.00	AcreInch	\$3.35	\$67.00	\$8,174.00	
Irrigation Labor	1.28	Hour	\$13.65	\$17.47	\$2,131.58	
Machinery Labor						
Tractors/Self-Propelled	0.52	Hour	\$13.43	\$6.98	\$852.00	
Other Labor	0.6	Hour	\$13.43	\$8.06	\$983.08	
Diesel Fuel						
Tractors/Self-Propelled	3.02	Gallon	\$2.19	\$6.61	\$806.96	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$7.80	\$7.80	\$951.75	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$3.76	\$3.76	\$459.00	
Irrigation Equipment	1	Acre	\$75.00	\$75.00	\$9,150.00	
Tractors/Self-Propelled	1	Acre	\$5.56	\$5.56	\$678.90	
Implements	1	Acre	\$16.25	\$16.25	\$1,981.93	
Interest on Credit Line			6.25%	\$15.11	\$1,842.92	
Total Variable Costs				\$882.28	\$107,638.40	
Planned Returns Above Variable Costs:				\$170.66	\$20,821.01	
Breakeven Price to Cover Variable Costs			\$32.68	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$3.95	\$3.95	\$481.95	
Irrigation Equipment	1	Acre	\$47.34	\$47.34	\$5,775.00	
Tractors/Self-Propelled	1	Acre	\$5.54	\$5.54	\$675.49	
Implements	1	Acre	\$20.06	\$20.06	\$2,447.78	
Equipment Investment						
Pickup/General Use Equipment	\$27.28	Dollars	6.25%	\$1.70	\$207.98	
Irrigation Equipment	\$571.72	Dollars	6.25%	\$35.73	\$4,359.38	
Tractors/Self-Propelled	\$43.13	Dollars	6.25%	\$2.70	\$328.89	
Implements	\$85.83	Dollars	6.25%	\$5.36	\$654.44	
Cash Rent - Corn	1	Acre	\$100.00	\$100.00	\$12,200.00	
Total Fixed Costs				\$222.38	\$27,130.91	
Total Specified Costs				\$1,104.67	\$134,769.31	
Returns Above Specified Costs						(\$51.72) (\$6,309.89)
Breakeven Price to Cover Total Costs			\$40.91	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.