

**2023 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	
Corn Silage	27.00	Ton	\$68.83	\$1,858.41	\$226,726.02	
Total Revenue				\$1,858.41	\$226,726.02	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs					Total	
Custom						
Fertilizer Application - ANH3	1	Acre	\$21.99	\$21.99	\$2,682.78	
Harvest and Haul - Corn Silage	27	Ton	\$12.16	\$328.32	\$40,055.04	
Fertilizer						
Fertilizer (P) - Liquid	90	Pound	\$1.09	\$98.19	\$11,979.18	
Fertilizer (N) - ANH3	160	Pound	\$0.76	\$121.76	\$14,854.72	
Fertilizer (N) - Liquid	95	Pound	\$0.98	\$92.82	\$11,323.43	
Herbicide						
Herbicide - Corn Preplant	1	Acre	\$49.10	\$49.10	\$5,990.20	
Herbicide - Corn Postplant	1	Acre	\$54.37	\$54.37	\$6,633.14	
Insecticide						
Miticide	1	Acre	\$64.51	\$64.51	\$7,870.22	
Insecticide and Apply Corn Silage	1	Acre	\$45.84	\$45.84	\$5,592.48	
Miscellaneous						
Crop Insurance Corn Silage Irrigated	1	Acre	\$41.00	\$41.00	\$5,002.00	
Seed						
Seed - Corn Silage	0.44	Bag	\$250.46	\$110.20	\$13,444.69	
Irrigation						
Energy Cost	20.00	AcreInch	\$4.70	\$94.00	\$11,468.00	
Irrigation Labor	1.28	Hour	\$17.50	\$22.40	\$2,732.80	
Machinery Labor						
Tractors/Self-Propelled	0.35	Hour	\$17.21	\$6.02	\$734.87	
Other Labor	0.42	Hour	\$17.21	\$7.23	\$881.84	
Diesel Fuel						
Tractors/Self-Propelled	2.21	Gallon	\$2.24	\$4.95	\$603.95	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$6.42	\$6.42	\$783.75	
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	\$4.38	\$4.38	\$534.61	
Implements	1	Acre	\$7.28	\$7.28	\$887.63	
Interest on Credit Line			8.00%	\$29.48	\$3,596.78	
Total Variable Costs				\$1,289.03	\$157,261.11	
Planned Returns Above Variable Costs:				\$569.38	\$69,464.91	
Breakeven Price to Cover Variable Costs			\$47.74	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation					Total	
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	\$4.49	\$4.49	\$547.31	
Implements	1	Acre	\$8.85	\$8.85	\$1,079.82	
Equipment Investment						
Pickup/General Use Equipment	\$27.28	Dollars	8.00%	\$2.18	\$266.22	
Irrigation Equipment	\$571.72	Dollars	8.00%	\$45.74	\$5,580.00	
Tractors/Self-Propelled	\$34.95	Dollars	8.00%	\$2.80	\$341.10	
Implements	\$37.86	Dollars	8.00%	\$3.03	\$369.54	
Cash Rent - Corn	1	Acre	\$117.60	\$117.60	\$14,347.20	
Total Fixed Costs				\$235.97	\$28,788.13	
Total Specified Costs				\$1,524.99	\$186,049.24	
Returns Above Specified Costs				\$333.42	\$40,676.78	
Breakeven Price to Cover Total Costs			\$56.48	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.