

**2022 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	\$50.50	\$1,363.50	\$166,347.00	
<b>Total Revenue</b>				<b>\$1,363.50</b>	<b>\$166,347.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Production Costs</b>					<b>Total</b>	
Custom						
Fertilizer Application - ANH3	1	Acre	\$17.59	\$17.59	\$2,145.98	
Harvest and Haul - Corn Silage	27	Ton	\$11.16	\$301.32	\$36,761.04	
Fertilizer						
Fertilizer (P) - Liquid	90	Pound	\$0.72	\$64.80	\$7,905.60	
Fertilizer (N) - ANH3	160	Pound	\$0.41	\$65.60	\$8,003.20	
Fertilizer (N) - Liquid	95	Pound	\$0.69	\$65.55	\$7,997.10	
Herbicide						
Herbicide - Corn Preplant	1	Acre	\$34.82	\$34.82	\$4,248.04	
Herbicide - Corn Postplant	1	Acre	\$38.56	\$38.56	\$4,704.32	
Insecticide						
Miticide	1	Acre	\$45.75	\$45.75	\$5,581.50	
Insecticide and Apply Corn Silage	1	Acre	\$32.51	\$32.51	\$3,966.22	
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	\$3.91	\$78.20	\$9,540.40	
Irrigation Labor	1.28	Hour	\$16.38	\$20.97	\$2,557.90	
Machinery Labor						
Tractors/Self-Propelled	0.35	Hour	\$16.12	\$5.64	\$688.15	
Other Labor	0.42	Hour	\$16.12	\$6.77	\$825.78	
Diesel Fuel						
Tractors/Self-Propelled	2.21	Gallon	\$2.67	\$5.90	\$719.89	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$7.68	\$7.68	\$937.50	
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			6.30%	\$18.19	\$2,219.10	
<b>Total Variable Costs</b>				<b>\$1,051.47</b>	<b>\$128,279.66</b>	
Planned Returns Above Variable Costs:				\$312.03	\$38,067.34	
Breakeven Price to Cover Variable Costs			\$38.94	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Machinery Depreciation</b>					<b>Total</b>	
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	
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$27.28	Dollars	6.30%	\$1.72	\$209.65	
Irrigation Equipment	\$571.72	Dollars	6.30%	\$36.02	\$4,394.25	
Tractors/Self-Propelled	\$34.95	Dollars	6.30%	\$2.20	\$268.61	
Implements	\$37.86	Dollars	6.30%	\$2.39	\$291.01	
Cash Rent - Corn	1	Acre	\$105.00	\$105.00	\$12,810.00	
<b>Total Fixed Costs</b>				<b>\$211.95</b>	<b>\$25,857.60</b>	
<b>Total Specified Costs</b>				<b>\$1,263.42</b>	<b>\$154,137.26</b>	
Returns Above Specified Costs				\$100.08	\$12,209.74	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$46.79</b>	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.*