

**2023 Estimated Costs and Returns per Acre
Bt Corn for Grain, Sprinkler Irrigated (NG)
Panhandle Extension District - 1**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Corn	225.00	Bushel	\$6.46	\$1,453.50	\$177,327.00	
Total Revenue				\$1,453.50	\$177,327.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Custom						
Fertilizer Application - ANH3	1	Acre	\$21.99	\$21.99	\$2,682.78	
Crop Consultant	1	Acre	\$8.99	\$8.99	\$1,096.78	
Harvest and Haul - Corn	225	Bushel	\$0.55	\$123.75	\$15,097.50	
Fertilizer						
Fertilizer (P) - Liquid	90	Pound	\$1.09	\$98.19	\$11,979.18	
Fertilizer (N) - ANH3	140	Pound	\$0.76	\$106.54	\$12,997.88	
Fertilizer (N) - Liquid	85	Pound	\$0.98	\$83.05	\$10,131.49	
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	
Miscellaneous						
Crop Insurance Corn Irrigated	1	Acre	\$45.00	\$45.00	\$5,490.00	
Seed						
Seed - Bt Corn for Grain	0.38	Bag	\$250.46	\$95.17	\$11,611.33	
Irrigation						
Energy Cost	22.00	AcreInch	\$4.70	\$103.40	\$12,614.80	
Irrigation Labor	1.34	Hour	\$17.50	\$23.52	\$2,869.44	
Machinery Labor						
Tractors/Self-Propelled	0.32	Hour	\$17.21	\$5.51	\$671.88	
Other Labor	0.38	Hour	\$17.21	\$6.54	\$797.86	
Diesel Fuel						
Tractors/Self-Propelled	2.03	Gallon	\$2.24	\$4.55	\$554.76	
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	\$82.50	\$82.50	\$10,065.00	
Tractors/Self-Propelled	1	Acre	\$4.08	\$4.08	\$497.45	
Implements	1	Acre	\$5.29	\$5.29	\$644.91	
Interest on Credit Line			8.00%	\$24.52	\$2,991.98	
Total Variable Costs				\$1,020.75	\$124,531.32	
Planned Returns Above Variable Costs:				\$432.75	\$52,795.68	
Breakeven Price to Cover Variable Costs			\$4.54	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
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	\$4.17	\$4.17	\$508.92	
Implements	1	Acre	\$6.61	\$6.61	\$806.75	
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	\$32.50	Dollars	8.00%	\$2.60	\$317.17	
Implements	\$28.29	Dollars	8.00%	\$2.26	\$276.09	
Cash Rent - Corn	1	Acre	\$117.60	\$117.60	\$14,347.20	
Total Fixed Costs				\$232.45	\$28,359.29	
Total Specified Costs				\$1,253.20	\$152,890.61	
Returns Above Specified Costs				\$200.30	\$24,436.39	
Breakeven Price to Cover Total Costs			\$5.57	Bushel		

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.