

**2021 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	\$4.22	\$949.95	\$115,893.90	
Total Revenue				\$949.95	\$115,893.90	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
<b>Production Costs</b>						
Custom						
Fertilizer Application - ANH3	1	Acre	\$16.05	\$16.05	\$1,958.27	
Crop Consultant	1	Acre	\$8.25	\$8.25	\$1,006.97	
Harvest and Haul - Corn	225	Bushel	\$0.43	\$96.40	\$11,761.10	
Fertilizer						
Fertilizer (P) - Liquid	90	Pound	\$0.49	\$44.10	\$5,380.20	
Fertilizer (N) - ANH3	140	Pound	\$0.30	\$42.00	\$5,124.00	
Fertilizer (N) - Liquid	85	Pound	\$0.50	\$42.50	\$5,185.00	
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	
Miscellaneous						
Crop Insurance Corn Irrigated	1	Acre	\$40.15	\$40.15	\$4,898.30	
Seed						
Seed - Bt Corn for Grain	0.38	Bag	\$248.67	\$94.50	\$11,528.53	
Irrigation						
Energy Cost	22.00	AcreInch	\$3.35	\$73.70	\$8,991.40	
Irrigation Labor	1.34	Hour	\$13.65	\$18.35	\$2,238.16	
Machinery Labor						
Tractors/Self-Propelled	0.46	Hour	\$13.43	\$6.18	\$753.69	
Other Labor	0.53	Hour	\$13.43	\$7.12	\$868.38	
Diesel Fuel						
Tractors/Self-Propelled	2.66	Gallon	\$2.19	\$5.83	\$710.76	
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	\$82.50	\$82.50	\$10,065.00	
Tractors/Self-Propelled	1	Acre	\$4.97	\$4.97	\$606.65	
Implements	1	Acre	\$12.76	\$12.76	\$1,556.49	
Interest on Credit Line			6.25%	\$12.89	\$1,572.59	
Total Variable Costs				\$679.37	\$82,882.57	
Planned Returns Above Variable Costs:				\$270.58	\$33,011.33	
Breakeven Price to Cover Variable Costs			\$3.02	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	\$4.92	\$4.92	\$600.83	
Implements	1	Acre	\$16.14	\$16.14	\$1,969.16	
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	\$38.37	Dollars	6.25%	\$2.40	\$292.54	
Implements	\$69.05	Dollars	6.25%	\$4.32	\$526.48	
Cash Rent - Corn	1	Acre	\$100.00	\$100.00	\$12,200.00	
Total Fixed Costs				\$216.50	\$26,413.31	
Total Specified Costs				\$895.87	\$109,295.88	
Returns Above Specified Costs				\$54.08	\$6,598.02	
Breakeven Price to Cover Total Costs			\$3.98	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.**