

**2021 Estimated Costs and Returns per Acre
Bt Corn for Grain, Strip Till
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
Production Costs					
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
Strip Till	1	Acre	\$21.40	\$21.40	\$2,611.03
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
Burndown Herbicide	1	Acre	\$21.06	\$21.06	\$2,569.19
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	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	0.15	Hour	\$13.43	\$2.01	\$245.77
Other Labor	0.15	Hour	\$13.43	\$2.01	\$245.77
Diesel Fuel					
Tractors/Self-Propelled	0.65	Gallon	\$2.19	\$1.42	\$173.68
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	\$1.03	\$1.03	\$126.00
Implements	1	Acre	\$8.94	\$8.94	\$1,090.82
Interest on Credit Line			6.25%	\$13.91	\$1,697.61
Total Variable Costs				\$686.35	\$83,734.90
Planned Returns Above Variable Costs:				\$263.60	\$32,159.00
Breakeven Price to Cover Variable Costs			\$3.05	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	\$0.85	\$0.85	\$104.16
Implements	1	Acre	\$11.50	\$11.50	\$1,402.48
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	\$6.65	Dollars	6.25%	\$0.42	\$50.72
Implements	\$49.18	Dollars	6.25%	\$3.07	\$374.97
Cash Rent - Corn	1	Acre	\$100.00	\$100.00	\$12,200.00
Total Fixed Costs				\$204.56	\$24,956.64
Total Specified Costs				\$890.91	\$108,691.54
Returns Above Specified Costs				\$59.04	\$7,202.36
Breakeven Price to Cover Total Costs			\$3.96	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.