

**2023 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 | \$6.46 | \$1,453.50 | \$177,327.00 | |
| Total Revenue | | | | \$1,453.50 | \$177,327.00 | |
| VARIABLE COSTS | Quantity | Units | \$/Unit | Total | Enterprise | |
| 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 | |
| Strip Till | 1 | Acre | \$27.33 | \$27.33 | \$3,334.26 | |
| 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 | |
| Burndown Herbicide | 1 | Acre | \$52.61 | \$52.61 | \$6,418.42 | |
| 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 | 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 | 0.03 | Hour | \$17.21 | \$0.52 | \$62.99 | |
| Other Labor | 0.03 | Hour | \$17.21 | \$0.52 | \$62.99 | |
| Diesel Fuel | | | | | | |
| Tractors/Self-Propelled | 0.13 | Gallon | \$2.24 | \$0.29 | \$35.53 | |
| 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 | \$0.20 | \$0.20 | \$24.76 | |
| Implements | 1 | Acre | \$1.85 | \$1.85 | \$226.05 | |
| Interest on Credit Line | | | 8.00% | \$27.60 | \$3,367.72 | |
| Total Variable Costs | | | | \$1,063.17 | \$129,706.76 | |
| Planned Returns Above Variable Costs: | | | | \$390.33 | \$47,620.24 | |
| Breakeven Price to Cover Variable Costs | | | \$4.73 | Bushel | | |
| FIXED COSTS | Quantity | Units | \$/Unit | Total | Enterprise | |
| 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 | \$0.17 | \$0.17 | \$20.47 | |
| Implements | 1 | Acre | \$2.38 | \$2.38 | \$290.64 | |
| 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 | \$1.31 | Dollars | 8.00% | \$0.10 | \$12.76 | |
| Implements | \$10.19 | Dollars | 8.00% | \$0.82 | \$99.46 | |
| Cash Rent - Corn | 1 | Acre | \$117.60 | \$117.60 | \$14,347.20 | |
| Total Fixed Costs | | | | \$220.28 | \$26,873.70 | |
| Total Specified Costs | | | | \$1,283.45 | \$156,580.46 | |
| Returns Above Specified Costs | | | | \$170.05 | \$20,746.54 | |
| Breakeven Price to Cover Total Costs | | | \$5.70 | 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.