

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2015 Estimated Costs and Returns per Acre**  
**Bt Corn for Grain, Furrow Irrigated (NG) - 122 Acres**  
**Panhandle Extension District - 1**

Crop Acres		122			
<b>REVENUE</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Corn	200.00	Bushel	\$4.37	\$874.00	\$106,628.00
<b>Total Revenue</b>				<b>\$874.00</b>	<b>\$106,628.00</b>
<b>VARIABLE COSTS</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Custom					
Fertilizer Application - ANH3	1	Acre	\$11.75	\$11.75	\$1,433.50
Crop Consultant	1	Acre	\$8.63	\$8.63	\$1,052.86
Harvest and Haul - Corn	200	Bushel	\$0.44	\$88.00	\$10,736.00
Fertilizer					
Fertilizer (P) - Liquid	60	Pound	\$0.85	\$51.00	\$6,222.00
Fertilizer (N) - ANH3	152	Pound	\$0.40	\$60.80	\$7,417.60
Fertilizer (N) - Liquid	50	Pound	\$0.55	\$27.50	\$3,355.00
Herbicide					
Herbicide - Corn Preplant	1	Acre	\$17.70	\$17.70	\$2,159.40
Herbicide - Corn Postplant	1	Acre	\$16.00	\$16.00	\$1,952.00
Insecticide					
Miticide	1	Acre	\$22.00	\$22.00	\$2,684.00
Seed					
Seed - Bt Corn for Grain	0.38	Bag	\$287.50	\$109.25	\$13,328.50
Miscellaneous					
Crop Insurance Corn Irrigated	1	Acre	\$25.63	\$25.63	\$3,127.10
Irrigation					
Energy Cost	26.00	AcreInch	\$4.30	\$111.80	\$13,639.60
Irrigation Labor	3.65	Hour	\$11.75	\$42.92	\$5,236.58
Machinery Labor					
Tractors/Self-Propelled	1.19	Hour	\$11.75	\$13.98	\$1,705.87
Diesel Fuel					
Tractors/Self-Propelled	3.45	Gallon	\$3.30	\$11.39	\$1,388.97
Gasoline					
Pickup/General Use Equipment	1	Acre	\$9.19	\$9.19	\$1,121.25
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$3.76	\$3.76	\$459.00
Irrigation Equipment	1	Acre	\$103.03	\$103.03	\$12,569.66
Tractors/Self-Propelled	1	Acre	\$5.31	\$5.31	\$648.36
Implements	1	Acre	\$13.11	\$13.11	\$1,599.01
Interest on Credit Line			4.90%	\$11.97	\$1,460.24
<b>Total Variable Costs</b>				<b>\$764.73</b>	<b>\$93,296.49</b>
Planned Returns Above Variable Costs:				\$109.27	\$13,331.51
Breakeven Price to Cover Variable Costs			\$3.82	Bushel	
<b>FIXED COSTS</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$3.95	\$3.95	\$481.95
Irrigation Equipment	1	Acre	\$14.42	\$14.42	\$1,759.40
Tractors/Self-Propelled	1	Acre	\$5.49	\$5.49	\$669.97
Implements	1	Acre	\$16.07	\$16.07	\$1,960.68
Equipment Investment					
Pickup/General Use Equipment	\$47.03	Dollars	5.40%	\$2.54	\$309.83
Irrigation Equipment	\$379.51	Dollars	5.40%	\$20.49	\$2,500.20
Tractors/Self-Propelled	\$62.00	Dollars	5.40%	\$3.35	\$408.46
Implements	\$125.00	Dollars	5.40%	\$6.75	\$823.48
Cash Rent - Corn	1	Acre	\$133.00	\$133.00	\$16,226.00
<b>Total Fixed Costs</b>				<b>\$206.07</b>	<b>\$25,139.97</b>
<b>Total Specified Costs</b>				<b>\$970.79</b>	<b>\$118,436.46</b>
Returns Above Specified Costs				<b>(\$96.79)</b>	<b>(\$11,808.46)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$4.85</b>	Bushel	

Example Breakeven Prices						
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	150.00	\$5.10	\$5.10	\$6.47	\$6.47	\$0.00
90%	180.00	\$4.25	\$4.25	\$5.39	\$5.39	\$0.00
100%	200.00	\$3.82	\$3.82	\$4.85	\$4.85	\$0.00
110%	220.00	\$3.48	\$3.48	\$4.41	\$4.41	\$0.00
125%	250.00	\$3.06	\$3.06	\$3.88	\$3.88	\$0.00

Developed by Steve Amosson, Regents Fellow, Professor and Extension Economist, Texas A&M AgriLife Extension.

**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.**