

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Bt Corn for Grain, Strip Till - 122 Acres
Panhandle Extension District - 1

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Corn	225.00	Bushel	\$4.37	\$983.25	\$119,956.50	\$119,956.50
Total Revenue				\$983.25	\$119,956.50	\$119,956.50
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Custom						
Fertilizer Application - ANH3	1	Acre	\$11.75	\$11.75	\$1,433.50	\$1,433.50
Crop Consultant	1	Acre	\$8.63	\$8.63	\$1,052.86	\$1,052.86
Harvest and Haul - Corn	225	Bushel	\$0.44	\$99.00	\$12,078.00	\$12,078.00
Strip Till	1	Acre	\$17.40	\$17.40	\$2,122.80	\$2,122.80
Fertilizer						
Fertilizer (P) - Liquid	60	Pound	\$0.85	\$51.00	\$6,222.00	\$6,222.00
Fertilizer (N) - ANH3	126	Pound	\$0.40	\$50.40	\$6,148.80	\$6,148.80
Fertilizer (N) - Liquid	78	Pound	\$0.55	\$42.90	\$5,233.80	\$5,233.80
Herbicide						
Herbicide - Corn Preplant	1	Acre	\$17.70	\$17.70	\$2,159.40	\$2,159.40
Herbicide - Corn Postplant	1	Acre	\$16.00	\$16.00	\$1,952.00	\$1,952.00
Burndown Herbicide	1	Acre	\$19.50	\$19.50	\$2,378.48	\$2,378.48
Insecticide						
Miticide	1	Acre	\$22.00	\$22.00	\$2,684.00	\$2,684.00
Seed						
Seed - Bt Corn for Grain	0.38	Bag	\$287.50	\$109.25	\$13,328.50	\$13,328.50
Miscellaneous						
Crop Insurance Corn Irrigated	1	Acre	\$25.63	\$25.63	\$3,127.10	\$3,127.10
Irrigation						
Energy Cost	20.00	AcreInch	\$4.30	\$86.00	\$10,492.00	\$10,492.00
Irrigation Labor	1.28	Hour	\$11.75	\$15.04	\$1,834.88	\$1,834.88
Machinery Labor						
Tractors/Self-Propelled	0.3	Hour	\$11.75	\$3.53	\$430.05	\$430.05
Diesel Fuel						
Tractors/Self-Propelled	0.65	Gallon	\$3.30	\$2.15	\$261.69	\$261.69
Gasoline						
Pickup/General Use Equipment	1	Acre	\$9.19	\$9.19	\$1,121.25	\$1,121.25
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$3.76	\$3.76	\$459.00	\$459.00
Irrigation Equipment	1	Acre	\$80.80	\$80.80	\$9,857.60	\$9,857.60
Tractors/Self-Propelled	1	Acre	\$0.72	\$0.72	\$88.14	\$88.14
Implements	1	Acre	\$7.47	\$7.47	\$911.87	\$911.87
Interest on Credit Line			4.90%	\$11.02	\$1,344.46	\$1,344.46
Total Variable Costs				\$710.84	\$86,722.19	\$86,722.19
Planned Returns Above Variable Costs:				\$272.41	\$33,234.31	\$33,234.31
Breakeven Price to Cover Variable Costs			\$3.16	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$3.95	\$3.95	\$481.95	\$481.95
Irrigation Equipment	1	Acre	\$22.50	\$22.50	\$2,745.60	\$2,745.60
Tractors/Self-Propelled	1	Acre	\$0.60	\$0.60	\$72.86	\$72.86
Implements	1	Acre	\$9.61	\$9.61	\$1,172.41	\$1,172.41
Equipment Investment						
Pickup/General Use Equipment	\$47.03	Dollars	5.40%	\$2.54	\$309.83	\$309.83
Irrigation Equipment	\$703.28	Dollars	5.40%	\$37.98	\$4,633.20	\$4,633.20
Tractors/Self-Propelled	\$6.74	Dollars	5.40%	\$0.36	\$44.42	\$44.42
Implements	\$74.74	Dollars	5.40%	\$4.04	\$492.41	\$492.41
Cash Rent - Corn	1	Acre	\$133.00	\$133.00	\$16,226.00	\$16,226.00
Total Fixed Costs				\$214.58	\$26,178.68	\$26,178.68
Total Specified Costs				\$925.42	\$112,900.87	\$112,900.87
Returns Above Specified Costs				\$57.83	\$7,055.63	\$7,055.63
Breakeven Price to Cover Total Costs			\$4.11	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%	168.75	\$4.21	\$4.21	\$5.48	\$5.48	\$0.00
90%	202.50	\$3.51	\$3.51	\$4.57	\$4.57	\$0.00
100%	225.00	\$3.16	\$3.16	\$4.11	\$4.11	\$0.00
110%	247.50	\$2.87	\$2.87	\$3.74	\$3.74	\$0.00
125%	281.25	\$2.53	\$2.53	\$3.29	\$3.29	\$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.