

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2014 Estimated Costs and Returns per Acre**  
**Corn for Grain, Pivot Irrigated, Herbicide Tolerant, Insect Resistant - 122 Acres**  
**South Plains Extension District - 2**

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Corn	210.00	Bushel	\$4.50	\$945.00	\$115,290.00
<b>Total Revenue</b>				<b>\$945.00</b>	<b>\$115,290.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Seed					
Seed - Corn Stacked Gene	35	Thousand	\$3.40	\$119.00	\$14,518.00
Fertilizer					
Fertilizer (N)	250	Pound	\$0.55	\$137.50	\$16,775.00
Fertilizer (P)	100	Pound	\$0.60	\$60.00	\$7,320.00
Herbicide					
Herbicide - Corn Preplant	1	Acre	\$18.00	\$18.00	\$2,196.00
Herbicide - Corn Postplant	1	Acre	\$18.00	\$18.00	\$2,196.00
Insecticide					
Miticide	1	Acre	\$25.00	\$25.00	\$3,050.00
Miscellaneous					
Crop Insurance Corn Irrigated	1	Acre	\$25.00	\$25.00	\$3,050.00
Custom					
Fertilizer Application	1	Acre	\$10.00	\$10.00	\$1,220.00
Crop Consultant	1	Acre	\$6.00	\$6.00	\$732.00
Harvest and Haul - Corn	210	Bushel	\$0.40	\$84.00	\$10,248.00
Irrigation					
Energy or Water Cost	24.00	AcreInch	\$9.00	\$216.00	\$26,352.00
Irrigation Labor	1.00	Hour	\$11.75	\$11.75	\$1,433.50
Machinery Labor					
Tractors/Self-Propelled	1	Hour	\$11.75	\$11.75	\$1,433.50
Diesel Fuel					
Tractors/Self-Propelled	2.75	Gallon	\$3.20	\$8.80	\$1,073.60
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$1.75	\$1.75	\$213.50
Irrigation Equipment	1	Acre	\$30.00	\$30.00	\$3,660.00
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$732.00
Implements	1	Acre	\$3.00	\$3.00	\$366.00
Interest on Credit Line			6.00%	\$14.06	\$1,715.89
<b>Total Variable Costs</b>				<b>\$805.61</b>	<b>\$98,284.99</b>
Planned Returns Above Variable Costs:				\$139.39	\$17,005.01
Breakeven Price to Cover Variable Costs			\$3.84	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Equipment Investment</b>					
Pickup/General Use Equipment	\$35.78	Dollars	7.00%	\$2.50	\$305.55
Irrigation Equipment	\$714.29	Dollars	7.00%	\$50.00	\$6,100.00
Tractors/Self-Propelled	\$171.43	Dollars	7.00%	\$12.00	\$1,464.00
Implements	\$142.86	Dollars	7.00%	\$10.00	\$1,220.00
Cash Rent - Corn	1	Acre	\$130.00	\$130.00	\$15,860.00
<b>Total Fixed Costs</b>				<b>\$204.50</b>	<b>\$24,949.55</b>
<b>Total Specified Costs</b>				<b>\$1,010.12</b>	<b>\$123,234.54</b>
Returns Above Specified Costs				(\$65.12)	(\$7,944.54)
<b>Breakeven Price to Cover Total Costs</b>			\$4.81	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%	157.50	\$5.12	\$5.12	\$6.41	\$6.41	\$0.00
90%	189.00	\$4.26	\$4.26	\$5.34	\$5.34	\$0.00
100%	210.00	\$3.84	\$3.84	\$4.81	\$4.81	\$0.00
110%	231.00	\$3.49	\$3.49	\$4.37	\$4.37	\$0.00
125%	262.50	\$3.07	\$3.07	\$3.85	\$3.85	\$0.00

Developed by Jackie Smith, 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.**