

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2024 Estimated Costs and Returns per Acre**  
**Irrigated Corn**  
**South Plains Extension District - 2**

Crop Acres		122				
		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>REVENUE</b>						
Corn		210.00	Bushel	\$5.00	\$1,050.00	\$128,100.00
Total Revenue					\$1,050.00	\$128,100.00
<b>VARIABLE COSTS</b>						Enterprise Total
Production Costs		Quantity	Units	\$/Unit	Total	Total
Custom						
Crop Consultant		1	Acre	\$6.00	\$6.00	\$732.00
Harvest and Haul - Corn		210	Bushel	\$0.35	\$73.50	\$8,967.00
Fertilizer Application - Liquid High		1	Acre	\$4.75	\$4.75	\$579.50
Fertilizer Application - Dry		1	Acre	\$4.00	\$4.00	\$488.00
Fertilizer Application - NH3		1	Acre	\$3.50	\$3.50	\$427.00
Fertilizer						
Fertilizer (N) - Liquid		120	Pound	\$0.61	\$73.32	\$8,945.04
Fertilizer (P) - Dry		108	Pound	\$0.49	\$52.92	\$6,456.24
Fertilizer (N) - NH3		150	Pound	\$0.47	\$70.50	\$8,601.00
Herbicide						
Herbicide and Apply Corn		1	Acre	\$45.00	\$45.00	\$5,490.00
Insecticide						
Insecticide and Apply Corn		1	Acre	\$25.00	\$25.00	\$3,050.00
Miscellaneous						
Crop Insurance Corn Irrigated		1	Acre	\$15.50	\$15.50	\$1,891.00
Seed						
Seed - Corn		0.4375	Bag	\$272.00	\$119.00	\$14,518.00
Irrigation						
Energy Cost		20.00	AcreInch	\$10.00	\$200.00	\$24,400.00
Irrigation Labor		1.25	Hour	\$12.00	\$15.00	\$1,830.00
Machinery Labor						
Tractors/Self-Propelled		0.46	Hour	\$12.00	\$5.52	\$673.44
Other Labor		0.54	Hour	\$12.00	\$6.48	\$790.56
Diesel Fuel						
Tractors/Self-Propelled		2.4	Gallon	\$3.00	\$7.20	\$878.11
Gasoline						
Pickup/General Use Equipment		1	Acre	\$5.20	\$5.20	\$634.75
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$0.50	\$0.50	\$61.00
Irrigation Equipment		1	Acre	\$38.00	\$38.00	\$4,636.00
Tractors/Self-Propelled		1	Acre	\$6.00	\$6.00	\$732.00
Implements		1	Acre	\$3.00	\$3.00	\$366.00
Interest on Credit Line				9.00%	\$21.30	\$2,598.17
Total Variable Costs					\$801.19	\$97,744.81
Production Returns Above Variable Costs:					\$248.81	\$30,355.19
Breakeven Price to Cover Variable Costs				\$3.82	Bushel	
<b>FIXED COSTS</b>		Quantity	Units	\$/Unit	Total	Enterprise Total
Equipment Fixed Costs						
Pickup/General Use Equipment		1	Acre	\$1.25	\$1.25	\$152.50
Irrigation Equipment		1	Acre	\$55.00	\$55.00	\$6,710.00
Tractors/Self-Propelled		1	Acre	\$12.00	\$12.00	\$1,464.00
Implements		1	Acre	\$10.00	\$10.00	\$1,220.00
Management Fee, Owner/Operator Labor		1	Acre	\$25.00	\$25.00	\$3,050.00
Cash Rent - Corn		1	Acre	\$130.00	\$130.00	\$15,860.00
Whole Farm Insurance		1	Acre	\$2.00	\$2.00	\$244.00
Total Fixed Costs					\$235.25	\$28,700.50
Total Specified Costs					\$1,036.44	\$126,445.31
Returns Above Specified Costs					\$13.56	\$1,654.69
Breakeven Price to Cover Total Costs				\$4.94	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	157.50	\$5.09	\$6.58
90%	189.00	\$4.24	\$5.48
100%	210.00	\$3.82	\$4.94
110%	231.00	\$3.47	\$4.49
125%	262.50	\$3.05	\$3.95

Developed by Agricultural Economists, Texas A&M AgriLife Extension. 806-746-6101

**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.**