

**2021 Estimated Costs and Returns per Acre  
Irrigated Corn  
South Plains Extension District - 2**

Crop Acres		122				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total		
Corn	210.00	Bushel	\$4.30	\$903.00	\$110,166.00		
Total Revenue				\$903.00	\$110,166.00		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
<b>Production Costs</b>							
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	\$0.38	\$45.60	\$5,563.20		
Fertilizer (P) - Dry	108	Pound	\$0.39	\$42.12	\$5,138.64		
Fertilizer (N) - NH3	150	Pound	\$0.30	\$45.73	\$5,579.27		
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	\$1.90	\$4.56	\$556.32		
Gasoline							
Pickup/General Use Equipment	1	Acre	\$4.51	\$4.51	\$550.00		
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			6.00%	\$12.58	\$1,534.34		
Total Variable Costs				\$725.85	\$88,553.26		
Planned Returns Above Variable Costs:				\$177.15	\$21,612.74		
Breakeven Price to Cover Variable Costs			\$3.46	Bushel			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
<b>Equipment Fixed Costs</b>							
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				\$961.10	\$117,253.76		
Returns Above Specified Costs					(\$58.10)	(\$7,087.76)	
Breakeven Price to Cover Total Costs			\$4.58	Bushel			

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.**