

**2023 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	\$6.30	\$1,323.00	\$161,406.00
Total Revenue				\$1,323.00	\$161,406.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
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	\$1.06	\$127.20	\$15,518.40
Fertilizer (P) - Dry	108	Pound	\$0.94	\$101.52	\$12,385.44
Fertilizer (N) - NH3	150	Pound	\$0.90	\$135.00	\$16,470.00
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	\$2.75	\$6.60	\$805.20
Gasoline					
Pickup/General Use Equipment	1	Acre	\$5.12	\$5.12	\$625.00
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			8.00%	\$23.92	\$2,918.41
Total Variable Costs				\$970.11	\$118,353.95
Planned Returns Above Variable Costs:				\$352.89	\$43,052.05
Breakeven Price to Cover Variable Costs			\$4.62 Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	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				\$1,205.36	\$147,054.45
Returns Above Specified Costs				\$117.64	\$14,351.55
Breakeven Price to Cover Total Costs			\$5.74 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.