

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 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	\$4.30	\$903.00	\$110,166.00
Total Revenue					\$903.00	\$110,166.00
<b>VARIABLE COSTS</b>						
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	\$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	\$4.40	\$4.40	\$536.80
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%	\$12.56	\$1,532.29
Total Variable Costs					\$725.72	\$88,538.02
Planned Returns Above Variable Costs:					\$177.28	\$21,627.98
Breakeven Price to Cover Variable Costs				\$3.46	Bushel	
<b>FIXED COSTS</b>						
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					\$960.97	\$117,238.52
Returns Above Specified Costs					(\$57.97)	(\$7,072.52)
Breakeven Price to Cover Total Costs				\$4.58	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	157.50	\$4.61	\$6.10
90%	189.00	\$3.84	\$5.08
100%	210.00	\$3.46	\$4.58
110%	231.00	\$3.14	\$4.16
125%	262.50	\$2.76	\$3.66

Developed by Agricultural Economists, 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.**