

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2018 Estimated Costs and Returns per Acre**  
**Irrigated Corn**  
**Southwest Extension District - 10**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Corn	140.00	Bushel	\$3.82	\$534.80	\$65,245.60	
Total Revenue				\$534.80	\$65,245.60	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
Custom						
Haul Corn	140	Bushel	\$0.16	\$22.40	\$2,732.80	
Fertilizer						
UAN(32% N)	2.75	CWT	\$17.00	\$46.75	\$5,703.50	
Fertilizer 18-46-0	174	Pound	\$0.24	\$41.76	\$5,094.72	
Herbicide						
Glyphosate	4.4	Pint	\$2.25	\$9.90	\$1,207.80	
Insecticide						
Oberon 2 SC	2	Ounce	\$3.19	\$6.38	\$778.36	
Miscellaneous						
Crop Insurance - Corn Irrigated	1	Acre	\$43.00	\$43.00	\$5,246.00	
Miscellaneous Corn Overhead	1	Acre	\$4.00	\$4.00	\$488.00	
Seed						
Corn Seed BtRR	30	Thousand	\$4.23	\$126.90	\$15,481.80	
Irrigation						
Energy Cost	1625.00	kWh	\$0.17	\$276.25	\$33,702.50	
Machinery Labor						
Tractors/Self-Propelled	0.91	Hour	\$12.00	\$10.92	\$1,332.24	
Other Labor	0.05	Hour	\$8.50	\$0.43	\$51.85	
Diesel Fuel						
Tractors/Self-Propelled	8.44	Gallon	\$2.14	\$18.06	\$2,203.52	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$23.13	\$23.13	\$2,821.74	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$590.37	
Irrigation Equipment	1	Acre	\$16.90	\$16.90	\$2,061.80	
Tractors/Self-Propelled	1	Acre	\$26.64	\$26.64	\$3,250.67	
Implements	1	Acre	\$16.26	\$16.26	\$1,983.86	
Interest on Credit Line			6.50%	\$26.58	\$3,242.37	
Total Variable Costs				\$721.10	\$87,973.89	
Planned Returns Above Variable Costs:				(\$186.30)	(\$22,728.29)	
Breakeven Price to Cover Variable Costs			\$5.15	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$3,074.85	
Irrigation Equipment	1	Acre	\$46.33	\$46.33	\$5,652.72	
Tractors/Self-Propelled	1	Acre	\$27.54	\$27.54	\$3,359.97	
Implements	1	Acre	\$19.20	\$19.20	\$2,342.87	
Equipment Investment						
Pickup/General Use Equipment	\$105.02	Dollars	6.50%	\$6.83	\$832.77	
Irrigation Equipment	\$347.50	Dollars	6.50%	\$22.59	\$2,755.70	
Tractors/Self-Propelled	\$209.96	Dollars	6.50%	\$13.65	\$1,664.99	
Implements	\$91.03	Dollars	6.50%	\$5.92	\$721.84	
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00	
Total Fixed Costs				\$217.26	\$26,505.70	
Total Specified Costs				\$938.36	\$114,479.59	
Returns Above Specified Costs				(\$403.56)	(\$49,233.99)	
Breakeven Price to Cover Total Costs			\$6.70	Bushel		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Bushel	Costs	Costs
75%	105.00	\$6.87	\$8.94
90%	126.00	\$5.72	\$7.45
100%	140.00	\$5.15	\$6.70
110%	154.00	\$4.68	\$6.09
125%	175.00	\$4.12	\$5.36

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

**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.**