

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 Estimated Costs and Returns per Acre**  
**Irrigated Corn**  
**Southwest Extension District - 10**

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Corn	140.00	Bushel	\$3.60	\$504.00	\$61,488.00
<b>Total Revenue</b>				<b>\$504.00</b>	<b>\$61,488.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Custom					
Haul Corn	140	Bushel	\$0.16	\$22.40	\$2,732.80
Fertilizer					
UAN(32% N)	2.75	CWT	\$12.95	\$35.61	\$4,344.73
Fertilizer 18-46-0	174	Pound	\$0.25	\$42.63	\$5,200.86
Herbicide					
Glyphosate	4.4	Pint	\$1.63	\$7.18	\$875.79
Insecticide					
Oberon 2 SC	2	Ounce	\$2.69	\$5.37	\$655.27
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	\$2.36	\$70.70	\$8,625.99
Irrigation					
Energy Cost	1650.00	kWh	\$0.17	\$280.50	\$34,221.00
Irrigation Labor	0.20	Hour	\$11.00	\$2.20	\$268.40
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	8.45	Gallon	\$2.49	\$21.04	\$2,566.94
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	\$15.55	\$15.55	\$1,897.45
Tractors/Self-Propelled	1	Acre	\$29.21	\$29.21	\$3,563.77
Implements	1	Acre	\$16.84	\$16.84	\$2,054.39
Interest on Credit Line			6.50%	\$23.44	\$2,859.67
<b>Total Variable Costs</b>				<b>\$658.99</b>	<b>\$80,397.25</b>
Planned Returns Above Variable Costs:				<b>(\$154.99)</b>	<b>(\$18,909.25)</b>
Breakeven Price to Cover Variable Costs			\$4.71	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$3,074.85
Irrigation Equipment	1	Acre	\$80.58	\$80.58	\$9,831.25
Tractors/Self-Propelled	1	Acre	\$30.32	\$30.32	\$3,699.57
Implements	1	Acre	\$19.95	\$19.95	\$2,434.42
Equipment Investment					
Pickup/General Use Equipment	\$105.02	Dollars	6.50%	\$6.83	\$832.77
Irrigation Equipment	\$646.00	Dollars	6.50%	\$41.99	\$5,122.81
Tractors/Self-Propelled	\$231.17	Dollars	6.50%	\$15.03	\$1,833.21
Implements	\$94.38	Dollars	6.50%	\$6.13	\$748.44
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
<b>Total Fixed Costs</b>				<b>\$276.04</b>	<b>\$33,677.32</b>
<b>Total Specified Costs</b>				<b>\$935.04</b>	<b>\$114,074.57</b>
Returns Above Specified Costs				<b>(\$431.04)</b>	<b>(\$52,586.57)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$6.68</b>	<b>Bushel</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	105.00	\$6.28	\$8.91
90%	126.00	\$5.23	\$7.42
100%	140.00	\$4.71	\$6.68
110%	154.00	\$4.28	\$6.07
125%	175.00	\$3.77	\$5.34

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.**