

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2015 Estimated Costs and Returns per Acre**  
**Irrigated Corn - 122 Acres**  
**Southwest Extension District - 10**

Crop Acres		122		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Corn	140.00	Bushel	\$4.20	\$588.00	\$71,736.00
Total Revenue				\$588.00	\$71,736.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
<b>Production Costs</b>					
Custom					
Haul Corn	140	Bushels	\$0.16	\$22.40	\$2,732.80
Fertilizer					
UAN(32% N)	2.75	CWT	\$16.00	\$44.00	\$5,368.00
Fertilizer 18-46-0	174	Pound	\$0.28	\$48.72	\$5,943.84
Herbicide					
Glyphosate	4.4	Pint	\$2.03	\$8.93	\$1,089.70
Insecticide					
Oberon 2 SC	2	Ounce	\$3.12	\$6.24	\$761.28
Seed					
Corn Seed BTRR	30	Thousand	\$2.96	\$88.80	\$10,833.60
Miscellaneous					
Miscellaneous Corn Overhead	1	Acre	\$4.00	\$4.00	\$488.00
Crop Insurance - Corn Irrigated	1	Acre	\$40.00	\$40.00	\$4,880.00
Irrigation					
Energy Cost	1625.00	kWh	\$0.17	\$276.25	\$33,702.50
Machinery Labor					
Tractors/Self-Propelled	0.96	Hour	\$12.00	\$11.52	\$1,405.44
Diesel Fuel					
Tractors/Self-Propelled	8.5	Gallon	\$2.15	\$18.28	\$2,229.55
Gasoline					
Pickup/General Use Equipment	1	Acre	\$29.44	\$29.44	\$3,591.42
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$6.72	\$6.72	\$819.96
Irrigation Equipment	1	Acre	\$16.89	\$16.89	\$2,061.00
Tractors/Self-Propelled	1	Acre	\$25.21	\$25.21	\$3,075.35
Implements	1	Acre	\$16.83	\$16.83	\$2,053.12
Interest on Credit Line			6.50%	\$24.57	\$2,997.93
Total Variable Costs				\$688.80	\$84,033.49
Planned Returns Above Variable Costs:				(\$100.80)	(\$12,297.49)
Breakeven Price to Cover Variable Costs			\$4.92	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
<b>Machinery Depreciation</b>					
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	\$25.92	\$25.92	\$3,162.02
Implements	1	Acre	\$19.96	\$19.96	\$2,435.26
<b>Equipment Investment</b>					
Pickup/General Use Equipment	\$168.02	Dollars	6.50%	\$10.92	\$1,332.44
Irrigation Equipment	\$695.01	Dollars	6.50%	\$45.18	\$5,511.40
Tractors/Self-Propelled	\$294.33	Dollars	6.50%	\$19.13	\$2,334.05
Implements	\$162.97	Dollars	6.50%	\$10.59	\$1,292.39
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$253.24	\$30,895.11
Total Specified Costs				\$942.04	\$114,928.60
Returns Above Specified Costs				(\$354.04)	(\$43,192.60)
Breakeven Price to Cover Total Costs			\$6.73	Bushel	

Example Breakeven Prices						
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	105.00	\$6.56	\$6.56	\$8.97	\$8.97	\$0.00
90%	126.00	\$5.47	\$5.47	\$7.48	\$7.48	\$0.00
100%	140.00	\$4.92	\$4.92	\$6.73	\$6.73	\$0.00
110%	154.00	\$4.47	\$4.47	\$6.12	\$6.12	\$0.00
125%	175.00	\$3.94	\$3.94	\$5.38	\$5.38	\$0.00

Developed by Rob Hogan, Associate Professor and Extension Economist, 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.**