

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2013 Estimated Costs and Returns per Acre**  
**Irrigated Corn - 100 Acres**  
**Southwest Extension District - 10**

Crop Acres		100				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total	
Corn	140.00	Bushel	\$6.00	\$840.00	\$84,000.00	
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	
<b>Total Revenue</b>				<b>\$840.00</b>	<b>\$84,000.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
<b>Production Costs</b>						
Seed						
Seed Corn, Grain	0.29	Bag	\$215.00	\$62.35	\$6,235.00	
<b>Crop Insurance</b>						
CAT Insurance	1	Acre	\$1.00	\$1.00	\$100.00	
Hail Insurance	1	Acre	\$16.80	\$16.80	\$1,680.00	
<b>Insecticide</b>						
Oberon	2	Ounce	\$4.06	\$8.12	\$812.00	
<b>Fertilizer</b>						
Nitrogen N32	150	Pounds	\$0.60	\$89.65	\$8,964.84	
Phosphate	65	Pounds	\$0.47	\$30.70	\$3,070.19	
<b>Miscellaneous Administrative Overhead</b>						
Misc. Overhead	1	Acre	\$4.00	\$4.00	\$400.00	
<b>Herbicide</b>						
Roundup	8.8	Pint	\$2.53	\$22.26	\$2,226.40	
<b>Custom</b>						
Custom Application	1	Acre	\$5.00	\$5.00	\$500.00	
Custom Harvest	140	Bushels	\$0.20	\$28.00	\$2,800.00	
Custom Haul	140	Bushels	\$0.20	\$28.00	\$2,800.00	
Custom Dry	1	Acre	\$25.00	\$25.00	\$2,500.00	
<b>Irrigation</b>						
Irrigation Costs	20	Acre-Inch	\$7.00	\$140.00	\$14,000.00	
<b>Operator Labor</b>						
Tractors	1.12	Hour	\$0.00	\$0.00	\$0.00	
<b>Irrigation Labor</b>						
Labor	1	Hour	\$0.00	\$0.00	\$0.00	
<b>Diesel Fuel</b>						
Tractors	6.55053	Gallon	\$3.30	\$21.62	\$2,161.67	
<b>Gasoline</b>						
Pickup	0.91	Gallon	\$3.20	\$2.91	\$291.20	
<b>Repairs &amp; Maintenance</b>						
Tractors	1	Acre	\$11.33	\$11.33	\$1,133.25	
Implements	1	Acre	\$4.99	\$4.99	\$498.65	
Pickup	1	Acre	\$1.00	\$1.00	\$100.33	
Irrigation	1	Acre	\$3.40	\$3.40	\$340.00	
<b>Interest on Credit Line</b>						
			6.50%	\$12.71	\$1,271.47	
<b>Total Variable Costs</b>				<b>\$518.85</b>	<b>\$51,885.01</b>	
<b>Planned Returns Above Variable Costs:</b>				\$321.15	\$32,114.99	
<b>Breakeven Price to Cover Variable Costs</b>			\$3.71	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
<b>Machinery</b>						
Tractors	1	Acre	\$20.44	\$20.44	\$2,043.54	
Implements	1	Acre	\$10.85	\$10.85	\$1,084.56	
Pickup	1	Acre	\$3.62	\$3.62	\$361.67	
Irrigation	1	Acre	\$7.65	\$7.65	\$765.00	
Land Rent	1	Acre	\$85.00	\$85.00	\$8,500.00	
<b>Total Fixed Costs</b>				<b>\$127.55</b>	<b>\$12,754.76</b>	
<b>Total Specified Costs</b>				<b>\$646.40</b>	<b>\$64,639.77</b>	
<b>Returns Above Specified Costs</b>				\$193.60	\$19,360.23	
<b>Breakeven Price to Cover Total Costs</b>			\$4.62	Bushel		

**Breakeven Prices**

Yield Percent	Yield Bushel	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	105.00	\$4.94	\$4.94	\$6.16	\$6.16	\$0.00
90%	126.00	\$4.12	\$4.12	\$5.13	\$5.13	\$0.00
100%	140.00	\$3.71	\$3.71	\$4.62	\$4.62	\$0.00
110%	154.00	\$3.37	\$3.37	\$4.20	\$4.20	\$0.00
125%	175.00	\$2.96	\$2.96	\$3.69	\$3.69	\$0.00

**Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation.**