

**Costs and Returns per acre from growing corn for grain, 2006
Weber County**

	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value	Your Value
Receipts						
Corn Grain	185.0	bushels	\$3.31	\$612.35	\$612.35	
Residue	-	AUM	\$0.00	\$0.00	\$0.00	
	Subtotal			\$612.35	\$612.35	
Operating costs						
Land preparation						
Plowing	1	acre	\$5.88	\$5.88	\$5.88	
Discing	2	acre	\$3.73	\$7.47	\$7.47	
Roller harrow	1	acre	\$3.64	\$3.64	\$3.64	
Planting	1	acre	\$5.28	\$5.28	\$5.28	
Seed	0.4	bags	\$110.00	\$48.40	\$48.40	
Cultivations						
first	1	acre	\$2.94	\$2.94	\$2.94	
second	1	acre	\$2.94	\$2.94	\$2.94	
Fertilization						
Nitrogen (34-0-0)	455	pounds	\$0.18	\$81.22	\$81.22	
Phosphate (11-52-0)	48	pounds	\$0.18	\$8.57	\$8.57	
Potassium (0-0-60)	42	pounds	\$0.15	\$6.30	\$6.30	
Custom application	1	acre	\$7.82	\$7.82	\$7.82	
Pesticides/herbicides						
Bladex	0.33	Gallon	\$46.00	\$15.18	\$15.18	
Dual II Magnum	2.00	pint	\$15.10	\$30.20	\$30.20	
Phorate	6.75	pounds	\$2.40	\$16.20	\$16.20	
2-4-D	2.00	pint	\$2.75	\$5.50	\$5.50	
Custom application	1	acre	\$7.82	\$7.82	\$7.82	
Irrigation (wheel line)	5	irrigations				
Labor	1.67	hours	\$10.00	\$16.67	\$16.67	
Water assessment	1	share	\$25.00	\$25.00	\$25.00	
Repairs/maintenance	1	acre	\$2.30	\$2.30	\$2.30	
Pumping	27	acre inch	\$0.00	\$0.00	\$0.00	
Harvesting						
Custom combine	1	acre	\$30.00	\$30.00	\$30.00	
Haul grain (custom)	185.0	bushel	\$0.06	\$11.10	\$11.10	
Drying	185.0	bushel	\$0.15	\$27.75	\$27.75	
Crop insurance (75% Yield, 100% Price)	1	acre	\$7.04	\$7.04	\$7.04	
Interest on operating capital			7.61%	\$7.04	\$7.04	
	Subtotal			\$382.26	\$382.26	
Ownership costs (excludes cost of land)				\$106.05	\$106.05	
Farm insurance	1	acre	\$2.00	\$2.00	\$2.00	
Machinery ownership costs	1	acre	\$95.80	\$95.80	\$95.80	
Irrigation equipment costs	1	acre	\$8.25	\$8.25	\$8.25	
	Total costs			\$488.31	\$488.29	
Net returns to owner for unpaid labor, management, equity and risk						
Above operating costs				\$230.09	\$230.09	
Above total listed costs				\$124.04	\$124.04	

Breakeven Table - Corn Grain

Net returns per acre above operating costs

Yield (Bu/Ac)	Selling Price (\$/Bu)				
	\$2.31	\$2.81	\$3.31	\$3.81	\$4.31
170.00	\$13.59	\$98.59	\$183.59	\$268.59	\$353.59
175.00	\$24.09	\$111.59	\$199.09	\$286.59	\$374.09
180.00	\$34.59	\$124.59	\$214.59	\$304.59	\$394.59
185.00	\$45.09	\$137.59	\$230.09	\$322.59	\$415.09
190.00	\$55.59	\$150.59	\$245.59	\$340.59	\$435.59
195.00	\$66.09	\$163.59	\$261.09	\$358.59	\$456.09
200.00	\$76.59	\$176.59	\$276.59	\$376.59	\$476.59

Assumptions

1. Corn planted in late March and harvested in October.
2. Interest computed on land preparation and planting costs for 6 months and cultivation/fertilization/herbicide/irrigation costs for 3 months.
3. Machinery operating costs include: fuel, oil, repairs and labor.
4. Machinery ownership costs are allocated based on equipment used for each crop.
5. Machinery ownership costs include depreciation, interest, insurance, and housing.

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