

**Costs and Returns per acre from growing corn for grain, 2006
Millard County - Delta**

	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value	Your Value
Receipts						
Corn grain	148.8	bushels	\$2.87	\$427.16	\$427.16	
Residue	-	AUM	\$0.00	\$0.00	\$0.00	
	Subtotal			\$427.16	\$427.16	
Operating costs						
Land preparation						
Discing	2	acre	\$3.73	\$7.47	\$7.47	
Land plane	1	acre	\$3.34	\$3.34	\$3.34	
Planting	1	acre	\$5.28	\$5.28	\$5.28	
Seed (Roundup Ready)	0.5	bags	\$90.00	\$45.00	\$45.00	
Cultivation						
first	1	acre	\$2.94	\$2.94	\$2.94	
second	1	acre	\$2.94	\$2.94	\$2.94	
Fertilization						
Nitrogen (34-0-0)	550	pounds	\$0.18	\$98.18	\$98.18	
Phosphate (11-52-0)	100	pounds	\$0.18	\$17.85	\$17.85	
Custom application	1	acre	\$7.82	\$7.82	\$7.82	
Pesticides/herbicides						
Roundup Ultra Max	2.00	Quart	\$6.32	\$12.65	\$12.65	
Distinct	-	ounces	\$2.82	\$0.00	\$0.00	
Dual II Magnum	-	pint	\$15.10	\$0.00	\$0.00	
Custom application	1	acre	\$7.82	\$7.82	\$7.82	
Irrigation (flood)	6	irrigations				
Labor	2.00	hours	\$10.00	\$20.00	\$20.00	
Water assessment	1	share	\$20.00	\$20.00	\$20.00	
Repairs/maintenance	1	acre	\$2.30	\$2.30	\$2.30	
Pumping	36	acre inch	\$0.00	\$0.00	\$0.00	
Harvesting						
Custom combine	1	acre	\$30.00	\$30.00	\$30.00	
Haul grain (custom)	148.8	bushel	\$0.06	\$8.93	\$8.93	
Crop insurance (75% Yield, 100% Price)	1	acre	\$8.81	\$8.81	\$8.81	
Interest on operating capital			7.61%	\$5.99	\$5.99	
	Subtotal			\$307.31	\$307.31	
Ownership costs (excludes cost of land)				\$39.92	\$39.92	
Farm insurance	1	acre	\$2.00	\$2.00	\$2.00	
Machinery ownership costs	1	acre	\$29.67	\$29.67	\$29.67	
Irrigation equipment costs	1	acre	\$8.25	\$8.25	\$8.25	
	Total costs			\$347.23	\$347.23	
Net returns to owner for unpaid labor, management, equity and risk						
Above operating costs				\$119.84	\$119.84	
Above total listed costs				\$79.93	\$79.93	

Breakeven Table - Corn Grain

Net returns per acre above operating costs

Yield (Bu/Ac)	Selling Price (\$/Bu)				
	\$1.87	\$2.37	\$2.87	\$3.37	\$3.87
133.80	-\$56.12	\$10.78	\$77.68	\$144.58	\$211.48
138.80	-\$47.06	\$22.34	\$91.74	\$161.14	\$230.54
143.80	-\$38.01	\$33.89	\$105.79	\$177.69	\$249.59
148.80	-\$28.96	\$45.44	\$119.84	\$194.24	\$268.64
153.80	-\$19.90	\$57.00	\$133.90	\$210.80	\$287.70
158.80	-\$10.85	\$68.55	\$147.95	\$227.35	\$306.75
163.80	-\$1.80	\$80.10	\$162.00	\$243.90	\$325.80

Assumptions

1. Corn planted in late April and harvested in October.
2. Interest computed on land preparation and planting costs for 6 months and cultivation, fertilization, herbicide, and 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.

Budget prepared by: E. Bruce Godfrey, Cody Bingham and Craig Poulson