

Part 610 – Natural Resource Economics Handbook

Subpart D – Evaluation Techniques

Figure D-1 Enterprise Budget

Utah State University
Extension Economics

Modify Colored Columns

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

	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value	Your Value
Receipts						
Corn grain	170.0	bushels	\$3.00	\$510.00	\$510.00	
Residue	-	AUM	\$0.00	\$0.00	\$0.00	
Subtotal				\$510.00	\$510.00	
Operating costs						
Land preparation						
Plowing (every 3rd year)	1/3	acre	\$5.88	\$1.96	\$1.96	
Discing w/ packer	2	acre	\$3.73	\$7.47	\$7.47	
Land plane	2	acre	\$3.34	\$6.69	\$6.69	
Planting	1	acre	\$5.28	\$5.28	\$5.28	
Seed	0.5	bags	\$90.00	\$45.00	\$45.00	
Cultivations						
first	1	acre	\$2.94	\$2.94	\$2.94	
second	1	acre	\$2.94	\$2.94	\$2.94	
Fertilization						
Nitrogen (34-0-0)	561	pounds	\$0.18	\$100.14	\$100.14	
Phosphate (11-52-0)	163	pounds	\$0.18	\$29.10	\$29.10	
Custom application	1	acre	\$7.82	\$7.82	\$7.82	
Pesticides/herbicides						
Lasso	3.00	quart	\$6.50	\$19.50	\$19.50	
Phorate	6.75	pounds	\$2.40	\$16.20	\$16.20	
2-4-D	2.50	pints	\$2.75	\$6.87	\$6.87	
Custom application	1	acre	\$7.82	\$7.82	\$7.82	
Irrigation (siphon)						
Labor	1.67	hours	\$10.00	\$16.67	\$16.67	
Water assessment	1	share	\$10.00	\$10.00	\$10.00	
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	\$35.00	\$35.00	\$30.00	
Haul grain (custom)	170.0	bushel	\$0.08	\$13.60	\$9.50	
Interest on operating capital			7.61%	\$6.76	\$6.76	
Subtotal				\$344.05	\$344.05	
Ownership costs (excludes cost of land)						
Farm insurance	1	acre	\$2.00	\$2.00	\$2.00	
Machinery ownership costs	1	acre	\$61.52	\$61.52	\$61.52	
Irrigation equipment costs	1	acre	\$8.25	\$8.25	\$8.25	
Total costs				\$415.82	\$415.82	
Net returns to owner for unpaid labor, management, equity and risk						
Above operating costs				\$165.95	\$165.95	
Above total listed costs				\$94.18	\$94.18	