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)	5	irrigations				
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)				$71.77	$71.77	
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 unpiad labor, management, equity and risk						
Above operating costs				$165.95	$165.95	
Above total listed costs				$94.18	$94.18	