

Enterprise Budget: Barley - Juab County, Utah - 2003

Item	Unit	Quantity per acre	\$/unit	Value/Cost per Acre	Your Farm
				Dollars	
Receipts:					
Barley	Bushels	75.0	\$2.25	\$168.75	
Straw	Tons	0.70	\$40.00	\$28.00	
Subtotal				\$196.75	
Operating Costs					
Land Preparation					
Plowing	Acre	1	\$10.11	\$10.11	
Discing	Acre	1	\$3.27	\$3.27	
Land plane	Acre	2	\$3.80	\$7.60	
Roller Harrow	Acre	2	\$2.83	\$5.66	
Planting	Acre	1	\$5.21	\$5.21	
Seed	Pounds	100	\$0.14	\$14.00	
Fertilization					
Nitrogen (34-0-0)	Pounds	278	\$0.01	\$3.06	
Phosphate (11-52-0)	Pounds	48	\$0.13	\$6.24	
Custom application	Acre	1	\$5.00	\$5.00	
Pesticides/Herbicides					
2-4-D	Pint	1.25	\$2.56	\$3.20	
Hoelon	Pint	2.33	\$8.34	\$19.43	
Custom application	Acre	1	\$5.00	\$5.00	
Irrigation (wheel line)					
Labor	Hours	0.67	\$10.00	\$6.67	
Water assessment	Share	1	\$60.00	\$60.00	
Repairs/maintenance	Acre	1	\$2.30	\$2.30	
Pumping	Acre inch	25	\$0.00	\$0.00	
Harvesting					
Custom combine	Acre	1	\$26.00	\$26.00	
Haul grain (custom)	Bushel	75	\$0.06	\$4.50	
Bailing	Acre	1	\$3.74	\$3.74	
Haul straw	Small bale	1.4	\$1.91	\$2.67	
Crop Insurance	Acre	1			
Interest on operating capital			9.75%	\$4.94	
Subtotal				\$198.60	
Ownership costs (excludes cost of land)					
Insurance	Acre	1	\$2.00	\$2.00	
Machinery ownership cost	Acre	1	\$33.26	\$33.26	
Irrigation equipment costs	Acre	1	\$8.25	\$8.25	
Total costs				\$242.11	
Net returns to owner for unpaid labor, management, equity and risk					
above operating costs				-\$1.85	
above total listed costs				-\$45.36	

Assumptions:

Grain planted in late March and harvested in early August.

Interest computed on land preparation and planting costs for 6 months and fertilization/ herbicide/irrigation costs for 3 months.

Machinery operating costs include: fuel, oil, repairs, and labor.

Machinery costs are based on 37 acres of barley.

Machinery ownership costs include depreciation, interest, insurance, and housing.

Budget prepared by E. Bruce Godfrey, Shane Ellis, and Jeff Banks