

Costs and Returns per acre from growing oats, 2006
Salt Lake County

	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value	Your Value
Receipts						
Oats	87.7	bushels	\$2.13	\$186.80	\$186.80	
Straw	0.75	tons	\$43.00	\$32.25	\$32.25	
	Subtotal			\$219.05	\$219.05	
Operating costs						
Land preparation						
Plowing	1	acre	\$22.78	\$22.78	\$22.78	
Discing	1	acre	\$11.56	\$11.56	\$11.56	
Land plane	1	acre	\$11.50	\$11.50	\$11.50	
Roller harrow	2	acre	\$14.33	\$28.66	\$28.66	
Planting	1	acre	\$12.21	\$12.21	\$12.21	
Seed	70	pounds	\$0.17	\$11.90	\$11.90	
Fertilization						
Nitrogen (34-0-0)	205	pounds	\$0.18	\$36.59	\$36.59	
Phosphate (11-52-0)	48	pounds	\$0.18	\$8.57	\$8.57	
Custom application	1	acre	\$7.82	\$7.82	\$7.82	
Pesticides/herbicides						
2-4-D	1.25	pints	\$2.75	\$3.44	\$3.44	
Custom application	1	acre	\$7.82	\$7.82	\$7.82	
Irrigation (wheel line)						
Labor	0.67	hours	\$10.00	\$6.67	\$6.67	
Water assessment	1	share	\$15.00	\$15.00	\$15.00	
Repairs/maintenance	1	acre	\$2.30	\$2.30	\$2.30	
Pumping	22	acre inch	\$0.00	\$0.00	\$0.00	
Harvesting						
Combining (custom)	1	acre	\$26.00	\$26.00	\$26.00	
Haul grain (custom)	87.7	bushel	\$0.06	\$5.26	\$5.26	
Baling	0.75	tons	\$4.79	\$3.59	\$3.59	
Haul/stack straw	0.75	tons	\$3.63	\$2.72	\$2.72	
Interest on operating capital			7.61%	\$7.93	\$7.93	
	Subtotal			\$232.32	\$243.29	
Ownership costs (excludes cost of land)						
Farm insurance	1	acre	\$2.00	\$2.00	\$2.00	
Machinery ownership costs	1	acre	\$63.70	\$63.70	\$63.70	
Irrigation equipment costs	1	acre	\$8.25	\$8.25	\$8.25	
	Total costs			\$306.27	\$317.24	
Net returns to owner for unpaid labor, management, equity and risk						
Above operating costs				-\$13.27	-\$24.24	
Above total costs				-\$87.22	-\$98.19	

Breakeven Table - Oats

Net returns per acre above operating costs

Yield (Bu/Ac)	Selling Price (\$/Bu)				
	\$1.13	\$1.63	\$2.13	\$2.63	\$3.13
72.70	-\$117.02	-\$80.67	-\$44.32	-\$7.97	\$28.38
77.70	-\$111.67	-\$72.82	-\$33.97	\$4.88	\$43.73
82.70	-\$106.32	-\$64.97	-\$23.62	\$17.73	\$59.08
87.70	-\$100.97	-\$57.12	-\$13.27	\$30.58	\$74.43
92.70	-\$95.62	-\$49.27	-\$2.92	\$43.43	\$89.78
97.70	-\$90.27	-\$41.42	\$7.43	\$56.28	\$105.13
102.70	-\$84.92	-\$33.57	\$17.78	\$69.13	\$120.48

Assumptions

1. Grain planted in March and harvested in July.
2. Interest computed on land preparation and planting costs for 10 months and fertilization/herbicide/irrigation costs for 3 months.
3. Custom rates for all field operations.
4. Only owned machinery are a loader and truck.