

**Costs and Returns per acre from growing oats, 2006
Uintah County**

	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value	Your Value
Receipts						
Oats	79.5	bushels	\$2.13	\$169.60	\$169.60	
Straw	0.80	tons	\$43.00	\$34.40	\$34.40	
Residue	1.00	AUM	\$11.53	\$11.53	\$11.53	
	Subtotal			\$215.53	\$215.53	
Operating costs						
Land preparation						
Plowing	1	acre	\$5.88	\$5.88	\$5.88	
Discing	1	acre	\$3.73	\$3.73	\$3.73	
Field cultivator	1	acre	\$3.64	\$3.64	\$3.64	
Land plane	1	acre	\$3.34	\$3.34	\$3.34	
Planting	1	acre	\$2.96	\$2.96	\$2.96	
Seed	70	pounds	\$0.17	\$11.90	\$11.90	
Fertilization						
Nitrogen	-	pounds	\$0.18	\$0.00	\$0.00	
Phosphate	-	pounds	\$0.18	\$0.00	\$0.00	
Custom application	-	acre	\$7.82	\$0.00	\$0.00	
Pesticides/herbicides						
2-4-D	1.25	pint	\$2.75	\$3.44	\$3.44	
Custom application	1	acre	\$7.82	\$7.82	\$7.82	
Irrigation (wheel line)						
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	28	acre inch	\$0.00	\$0.00	\$0.00	
Harvesting						
Combining	1	acre	\$26.00	\$26.00	\$26.00	
Haul grain (custom)	79.5	bushel	\$0.06	\$4.77	\$4.77	
Baling	0.80	tons	\$4.79	\$3.83	\$3.83	
Haul/stack straw	0.80	tons	\$3.63	\$2.90	\$2.90	
Crop insurance (75% Yield, 100% Price)	1	acre	\$4.52	\$4.52	\$4.52	
Interest on operating capital			7.61%	\$1.96	\$1.96	
	Subtotal			\$115.68	\$116.17	
Ownership costs (excludes cost of land)						
Insurance	1	acre	\$2.00	\$2.00	\$2.00	
Machinery ownership costs	1	acre	\$122.96	\$122.96	\$122.96	
Irrigation equipment costs	1	acre	\$8.25	\$8.25	\$8.25	
	Total costs			\$248.88	\$249.38	
Net returns to owner for unpaid labor, management, equity and risk						
Above operating costs				\$99.86	\$99.37	
Above total listed costs				-\$33.35	-\$33.84	

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
64.50	\$4.26	\$36.51	\$68.76	\$101.01	\$133.26
69.50	\$9.62	\$44.37	\$79.12	\$113.87	\$148.62
74.50	\$14.99	\$52.24	\$89.49	\$126.74	\$163.99
79.50	\$20.36	\$60.11	\$99.86	\$139.61	\$179.36
84.50	\$25.72	\$67.97	\$110.22	\$152.47	\$194.72
89.50	\$31.09	\$75.84	\$120.59	\$165.34	\$210.09
94.50	\$36.46	\$83.71	\$130.96	\$178.21	\$225.46

Assumptions

1. Grain planted in late March and harvested in August.
2. Interest computed on land preparation and planting costs for 6 months and fertilization/herbicide/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.