

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

Receipts	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value	Your Value
Oats	72.5	bushels	\$2.13	\$154.67	\$154.67	
Straw	1.0	tons	\$43.00	\$43.00	\$43.00	
<b>Subtotal</b>				\$197.67	\$197.67	
<b>Operating costs</b>						
Land preparation						
Plowing	1	acre	\$22.78	\$22.78	\$22.78	
Discing	1	acre	\$11.56	\$11.56	\$11.56	
Cultivating	1	acre	\$9.00	\$9.00	\$9.00	
Roller harrow	2	acre	\$14.33	\$28.66	\$28.66	
Planting	1	acre	\$12.21	\$12.21	\$12.21	
Seed	100	pounds	\$0.17	\$17.00	\$17.00	
Fertilization						
Nitrogen (34-0-0)	294	pounds	\$0.18	\$52.50	\$52.50	
Phosphate	-	pounds	\$0.18	\$0.00	\$0.00	
Custom application	1	acre	\$7.82	\$7.82	\$7.82	
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 (gated pipe)	4	irrigations				
Labor	1.33	hours	\$10.00	\$13.33	\$13.33	
Water assessment	1	share	\$5.00	\$5.00	\$5.00	
Repairs/maintenance	1	acre	\$2.30	\$2.30	\$2.30	
Pumping	29	acre inch	\$0.00	\$0.00	\$0.00	
Harvesting						
Custom combining	1	acre	\$26.00	\$26.00	\$26.00	
Haul grain (custom)	72.5	bushel	\$0.06	\$4.35	\$4.35	
Baling	1.00	tons	\$4.79	\$4.79	\$4.79	
Haul/stack straw	1.00	tons	\$3.63	\$3.63	\$3.63	
Interest on operating capital			7.61%	\$8.17	\$8.17	
<b>Subtotal</b>				\$240.36	\$254.98	
Ownership costs (excludes cost of land)				\$10.25	\$10.25	
Farm insurance	1	acre	\$2.00	\$2.00	\$2.00	
Machinery ownership costs	1	acre	\$0.00	\$0.00	\$0.00	
Irrigation equipment	1	acre	\$8.25	\$8.25	\$8.25	
<b>Total costs</b>				\$250.61	\$265.23	
Net returns to owner for unpaid labor, management, equity and risk						
Above operating costs				-\$42.69	-\$57.31	
Above total listed costs				-\$52.94	-\$67.56	

**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
57.50	-\$131.29	-\$102.54	-\$73.79	-\$45.04	-\$16.29
62.50	-\$125.93	-\$94.68	-\$63.43	-\$32.18	-\$0.93
67.50	-\$120.56	-\$86.81	-\$53.06	-\$19.31	\$14.44
72.50	-\$115.19	-\$78.94	<b>-\$42.69</b>	-\$6.44	\$29.81
77.50	-\$109.83	-\$71.08	-\$32.33	\$6.42	\$45.17
82.50	-\$104.46	-\$63.21	-\$21.96	\$19.29	\$60.54
87.50	-\$99.09	-\$55.34	-\$11.59	\$32.16	\$75.91

Assumptions

1. Grain planted in late September 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 on all operations.
4. Only owned machinery are a loader and truck.