

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

	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value	Your Value
Receipts						
Oats	69.5	bushels	\$2.13	\$148.27	\$148.27	
Straw	0.60	tons	\$43.00	\$25.80	\$25.80	
				\$174.07	\$174.07	
Operating costs						
Land preparation						
Plowing	1	acre	\$22.78	\$22.78	\$22.78	
Disking	1	acre	\$11.56	\$11.56	\$11.56	
Land plane	2	acre	\$11.50	\$23.00	\$23.00	
Planting	1	acre	\$12.21	\$12.21	\$12.21	
Seed	70	pounds	\$0.17	\$11.90	\$11.90	
Fertilization						
Nitrogen (34-0-0)	132	pounds	\$0.18	\$23.56	\$23.56	
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	\$10.00	\$10.00	\$10.00	
Repairs/maintenance	1	acre	\$2.30	\$2.30	\$2.30	
Pumping	29	acre inch	\$0.00	\$0.00	\$0.00	
Harvesting						
Combining	1	acre	\$26.00	\$26.00	\$26.00	
Haul grain (custom)	69.5	bushel	\$0.06	\$4.17	\$4.17	
Baling	0.60	tons	\$4.79	\$2.87	\$2.87	
Haul/stack straw	0.60	tons	\$3.63	\$2.18	\$2.18	
Crop insurance (75% Yield, 100% Price)	1	acre	\$4.50	\$4.50	\$4.50	
Interest on operating capital			7.61%	\$6.50	\$6.50	
				\$197.85	\$206.62	
Ownership costs (excludes cost of land)						
Insurance	1	acre	\$2.00	\$2.00	\$2.00	
Machinery ownership costs	1	acre	\$37.92	\$37.92	\$37.92	
Irrigation equipment costs	1	acre	\$8.25	\$8.25	\$8.25	
				\$246.02	\$254.79	
Total costs						
Net returns to owner for unpaid labor, management, equity and risk						
Above operating costs				-\$23.78	-\$32.55	
Above total listed costs				-\$71.95	-\$80.72	

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
54.50	-\$110.28	-\$83.03	-\$55.78	-\$28.53	-\$1.28
59.50	-\$104.61	-\$74.86	-\$45.11	-\$15.36	\$14.39
64.50	-\$98.95	-\$66.70	-\$34.45	-\$2.20	\$30.05
69.50	-\$93.28	-\$58.53	-\$23.78	\$10.97	\$45.72
74.50	-\$87.61	-\$50.36	-\$13.11	\$24.14	\$61.39
79.50	-\$81.95	-\$42.20	-\$2.45	\$37.30	\$77.05
84.50	-\$76.28	-\$34.03	\$8.22	\$50.47	\$92.72

Assumptions

1. Grain planted in April - May and harvested in Aug - Sep.
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.