

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

	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value	Your Value
Receipts						
Oats	89.0	bushels	\$2.13	\$189.87	\$189.87	
Straw	0.80	tons	\$43.00	\$34.40	\$34.40	
				\$224.27	\$224.27	
Operating costs						
Land preparation						
Plowing	1	acre	\$5.88	\$5.88	\$5.88	
Discing	1	acre	\$3.73	\$3.73	\$3.73	
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 (46-0-0)	205	pounds	\$0.20	\$41.00	\$41.00	
Phosphate (11-52-0)	48	pounds	\$0.20	\$9.60	\$9.60	
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 (siphon)						
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	22	acre inch	\$0.00	\$0.00	\$0.00	
Harvesting						
Combining	1	acre	\$26.00	\$26.00	\$26.00	
Haul grain (custom)	89.0	bushel	\$0.06	\$5.34	\$5.34	
Baling	0.80	tons	\$4.79	\$3.83	\$3.83	
Haul/stack straw	0.80	tons	\$3.63	\$2.90	\$2.90	
Interest on operating capital	0.18		7.61%	\$3.45	\$3.45	
				\$157.99	\$157.99	
Ownership costs (excludes cost of land)						
Farm insurance	1	acre	\$2.00	\$2.00	\$2.00	
Machinery ownership costs	1	acre	\$85.97	\$85.97	\$85.97	
Irrigation equipment costs	1	acre	\$8.25	\$8.25	\$8.25	
				\$254.22	\$254.22	
Net returns to owner for unpaid labor, management, equity and risk						
Above operating costs				\$66.27	\$66.27	
Above total listed costs				-\$29.95	-\$29.95	

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
74.00	-\$38.83	-\$1.83	\$35.17	\$72.17	\$109.17
79.00	-\$33.46	\$6.04	\$45.54	\$85.04	\$124.54
84.00	-\$28.09	\$13.91	\$55.91	\$97.91	\$139.91
89.00	-\$22.73	\$21.77	\$66.27	\$110.77	\$155.27
94.00	-\$17.36	\$29.64	\$76.64	\$123.64	\$170.64
99.00	-\$11.99	\$37.51	\$87.01	\$136.51	\$186.01
104.00	-\$6.63	\$45.37	\$97.37	\$149.37	\$201.37

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. 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.