

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

Receipts	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value
Oats	120.0	bushels	\$2.80	\$336.00	\$336.00
Straw	0.90	tons	\$25.00	\$22.50	\$22.50
Subtotal				\$358.50	\$358.50
Operating costs					
Land preparation					
Plowing	1	acre	\$5.88	\$5.88	\$5.88
Roller harrow	2	acre	\$3.64	\$7.28	\$7.28
Planting	1	acre	\$2.96	\$2.96	\$2.96
Seed	110	pounds	\$0.17	\$18.70	\$18.70
Fertilization					
Nitrogen (34-0-0)	208	pounds	\$0.18	\$37.13	\$37.13
Phosphate (11-52-0)	38	pounds	\$0.18	\$6.78	\$6.78
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)	2	irrigations			
Labor	0.67	hours	\$10.00	\$6.67	\$6.67
Water assessment	1	share	\$25.00	\$25.00	\$25.00
Repairs/maintenance	1	acre	\$2.30	\$2.30	\$2.30
Pumping	24	acre inch	\$0.00	\$0.00	\$0.00
Harvesting					
Combining	1	acre	\$26.00	\$26.00	\$26.00
Haul grain (custom)	120.0	bushel	\$0.06	\$7.20	\$7.20
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%	\$4.05	\$4.05
Subtotal				\$175.35	\$175.35
Ownership costs (excludes cost of land)				\$173.07	\$173.07
Farm insurance	1	acre	\$2.00	\$2.00	\$2.00
Machinery ownership costs	1	acre	\$162.82	\$162.82	\$162.82
Irrigation equipment costs	1	acre	\$8.25	\$8.25	\$8.25
Total costs				\$348.42	\$348.42
Net returns to owner for unpaid labor, management, equity and risk					
Above operating costs				\$183.15	\$183.15
Above total listed costs				\$10.08	\$10.08

Breakeven Table - Oats

Net returns per acre above operating costs

Yield (Bu/Ac)	Selling Price (\$/Bu)			
	\$1.80	\$2.30	\$2.80	\$3.30
105.00	\$37.05	\$89.55	\$142.05	\$194.55
110.00	\$45.75	\$100.75	\$155.75	\$210.75
115.00	\$54.45	\$111.95	\$169.45	\$226.95
120.00	\$63.15	\$123.15	\$183.15	\$243.15
125.00	\$71.85	\$134.35	\$196.85	\$259.35
130.00	\$80.55	\$145.55	\$210.55	\$275.55
135.00	\$89.25	\$156.75	\$224.25	\$291.75

Assumptions

1. Grain planted in April and harvested in July.
2. Interest computed on land preparation and planting costs for 10 months and fertilization/herbicide/irrigation costs
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.

Budget prepared by: E. Bruce Godfrey, Cody Bingham and James Barnhill

Your Value

\$3.80

- \$247.05
- \$265.75
- \$284.45
- \$303.15
- \$321.85
- \$340.55
- \$359.25

for 3 months.