

**Costs and Returns per acre from growing oat hay, 2006
Garfield County - Escalante**

	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value	Your Value
Receipts						
Oat hay	2.1	tons	\$67.67	\$142.10	\$142.10	
Residue	0.25	AUM	\$11.53	\$2.88	\$2.88	
				\$144.98	\$144.98	
Operating costs						
Land preparation						
Plowing	1	acre	\$22.78	\$22.78	\$22.78	
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)	278	pounds	\$0.18	\$49.62	\$49.62	
Phosphate (11-52-0)	96	pounds	\$0.18	\$17.14	\$17.14	
Custom application	1	acre	\$7.82	\$7.82	\$7.82	
Pesticides/herbicides						
2-4-D	-	pints	\$2.75	\$0.00	\$0.00	
Custom application	-	acre	\$7.82	\$0.00	\$0.00	
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	22	acre inch	\$0.00	\$0.00	\$0.00	
Harvesting						
Swathing	1	acre	\$15.56	\$15.56	\$15.56	
Turning/raking	1	acre	\$4.69	\$4.69	\$4.69	
Baling	2.10	tons	\$4.79	\$10.06	\$10.06	
Hauling/stacking	2.10	tons	\$3.63	\$7.62	\$7.62	
Interest on operating capital			7.61%	\$7.49	\$7.49	
				\$219.62	\$247.77	
Ownership costs (excludes cost of land)						
Farm insurance	1	acre	\$2.00	\$2.00	\$2.00	
Machinery ownership costs	1	acre	\$0.00	\$0.00	\$0.00	
Irrigation equipment costs	1	acre	\$8.25	\$8.25	\$8.25	
				\$229.87	\$258.02	
Net returns to owner for unpaid labor, management, equity and risk						
Above operating costs				-\$74.63	-\$102.79	
Above total listed costs				-\$84.88	-\$113.04	

Breakeven Table - Oat Hay

Net returns per acre above operating costs

Yield (Ton/Ac)	Selling Price (\$/ton)				
	\$57.67	\$62.67	\$67.67	\$72.67	\$77.67
0.60	-\$169.50	-\$166.50	-\$163.50	-\$160.50	-\$157.50
1.10	-\$144.88	-\$139.38	-\$133.88	-\$128.38	-\$122.88
1.60	-\$120.26	-\$112.26	-\$104.26	-\$96.26	-\$88.26
2.10	-\$95.63	-\$85.13	-\$74.63	-\$64.13	-\$53.63
2.60	-\$71.01	-\$58.01	-\$45.01	-\$32.01	-\$19.01
3.10	-\$46.39	-\$30.89	-\$15.39	\$0.11	\$15.61
3.60	-\$21.76	-\$3.76	\$14.24	\$32.24	\$50.24

Assumptions

1. Oats planted in May and harvested in July.
2. Interest computed on land preparation and planting costs for 10 months and fertilization/herbicide/irrigation costs for 4 months.
3. Custom rates for all field operations.
4. Only owned machinery are a loader and truck.

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