

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

	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	
	Subtotal			\$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	1.33	hours	\$10.00	\$13.33	\$13.33	
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	2	acre	\$15.56	\$31.12	\$31.12	
Turning/raking	2	acre	\$4.69	\$9.38	\$9.38	
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%	\$7.66	\$7.66	
	Subtotal			\$246.70	\$274.86	
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	
	Total costs			\$256.95	\$285.11	
Net returns to owner for unpaid labor, management, equity and risk						
Above operating costs				-\$101.72	-\$129.88	
Above total listed costs				-\$111.97	-\$140.13	

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	-\$196.59	-\$193.59	-\$190.59	-\$187.59	-\$184.59
1.10	-\$171.96	-\$166.46	-\$160.96	-\$155.46	-\$149.96
1.60	-\$147.34	-\$139.34	-\$131.34	-\$123.34	-\$115.34
2.10	-\$122.72	-\$112.22	-\$101.72	-\$91.22	-\$80.72
2.60	-\$98.09	-\$85.09	-\$72.09	-\$59.09	-\$46.09
3.10	-\$73.47	-\$57.97	-\$42.47	-\$26.97	-\$11.47
3.60	-\$48.85	-\$30.85	-\$12.85	\$5.15	\$23.15

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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