

**Utah State University  
Extension Economics**

**Feeder Cattle Budget, 2005**

	<b>Units</b>	<b>Weight or Number</b>	<b>Price</b>	<b>Per head</b>	<b>Total Value</b>	<b>Your Value</b>
<b>Receipts</b>						
Yearlings sold	Pounds	838	0.84	\$703.50	\$103,942	_____
<b>Expenses</b>						
Calves purchased	Pounds	500	\$1.05	\$525.00	\$78,750	_____
<b>Feed</b>						
Hay	Tons	0.85	\$87.50	\$74.38	\$10,989	_____
Corn	Cwt	9	\$5.06	\$45.54	\$6,729	_____
Feeding expense	Head	1	\$10.80	\$10.80	\$1,596	_____
Vet and Medicine	Head	1	\$7.50	\$7.50	\$1,108	_____
Marketing	Head	1	\$11.11	\$11.11	\$1,642	_____
Yardage	Head	1	\$5.00	\$5.00	\$739	_____
Death loss	Head	2	\$1,181.25	\$7.99	\$1,181	_____
Trucking	Head	1	\$18.00	\$18.00	\$2,660	_____
Interest on calves purchased	Head	1	6.38%	\$13.77	\$2,034	_____
Misc	Head	1	\$5.00	\$5.00	\$739	_____
<b>Total Cost</b>				<b>\$724.08</b>	<b>\$108,165</b>	_____
<b>Net returns</b>						
Above feed and calf purchase costs				\$58.59	\$7,475	_____
Above total cost				-\$20.58	-\$4,223	_____

**Assumptions**

Calves purchased in October and sold in April	
Days on feed	150
Average daily gain	2.25
Death loss	1.50%
Interest rate	6.38%
Number of calves	
Purchased	150
Sold	148
Death losses occur at or near the start of the feeding period	

Budget prepared by: Lyle Holmgren, E. Bruce Godfrey and Dale Zobell  
with input from producers in Box Elder county

**Break-even analysis (net returns per head)**

Average Daily gain	Purchase price of calves				
	\$0.90	\$0.95	\$1.00	\$1.05	\$1.10
1.75	-\$5.48	-\$31.51	-\$57.55	-\$83.58	-\$109.62
2.00	\$26.02	-\$0.01	-\$26.05	-\$52.08	-\$78.12
2.25	\$57.52	\$31.49	\$5.45	-\$20.58	-\$46.62
2.50	\$89.02	\$62.99	\$36.95	\$10.92	-\$15.12
2.70	\$114.22	\$88.19	\$62.15	\$36.12	\$10.08
2.90	\$139.42	\$113.39	\$87.35	\$61.32	\$35.28