

Utah State University
 Extension Economics
 Enterprise Budget: Feeder Cattle Operation
 Background Feeder Cattle (500 to 850 Lbs)
 1,500 Head Operation, Utah, 2000

Item	Units	Number	Weight	\$/unit	\$/head	Total	Year
							Dollars.....
Receipts							
Steers*	Cwt	1,485	816	83.00	670.51	1,005,761	
Cash Expenses							
Calf Purchase	Cwt	1,500	500	94.00	470.00	705,000	
Feed							
Hay	ton	420		65.00	18.20	27,300	
Barley**	ton	735		96.00	47.04	70,560	
Corn Silage	ton	2,100		25.00	35.00	52,500	
Supplements	ton	105		125.00	8.75	13,125	
Vet & Medicine	head	1,500		8.05	8.05	12,075	
Marketing	head	1,500		4.25	4.25	6,375	
Yardage (includes feeding costs)	\$/head/day	210,000		0.28	39.20	58,800	
Trucking	head	1,500		7.36	7.36	11,040	
Interest							
Calves		705,000dollars	@ 10.5% for 140 days		18.93	28,393	
Feed		163,485dollars	@ 10.5% for 70 days		2.19	3,292	
Miscellaneous	head	1,500		1.75	1.75	2,625	
Total Cash Expenses					660.72	991,085	
Net Return to unpaid labor, management and equity					9.78	14,676	

*Receipt weight has been adjusted for pencil shrink.
 **If corn is used as concentrate source, it will take 90% of the barley tonage.

Assumptions:

- Days on feed 140
- Gain per day 2.5
- Calves purchased in October and sold in March
- Interest figured on cost of calf for period of feeding and cost of feed for 1/2 of feeding period.
- Percent death loss 1.00%
- Average pounds of feed per day per head
- Hay 4
- Barley 7
- Corn Silage 20
- Supplements 1
- Percent pencil shrink 4.00%

Net returns to unpaid labor, management and equity per head given alternative purchase and selling prices

Purchase Prices (\$/cwt)	Selling Prices (\$/cwt)						
	75	77	79	81	83	85	
85	(9.84)	6.31	22.47	38.63	54.78	70.94	

87	(19.84)	(3.69)	12.47	28.63	44.78	60.94
89	(29.84)	(13.69)	2.47	18.63	34.78	50.94
91	(39.84)	(23.69)	(7.53)	8.63	24.78	40.94
93	(49.84)	(33.69)	(17.53)	(1.37)	14.78	30.94
95	(59.84)	(43.69)	(27.53)	(11.37)	4.78	20.94
97	(69.84)	(53.69)	(37.53)	(21.37)	(5.22)	10.94

Budget prepared by E. Bruce Godfrey, DeeVon Bailey, Dale Zobell, and Michelle Snyder with input from feed yard owners in Uta