

Utah State University

Extension Economics

Enterprise Budget: Feedlot Finish Cattle (850 to 1,250 Lbs) Operation

1,500 Head Operation, Utah, 2000

Item	Units	Number	Weight	\$/unit	\$/head	Total	You
						Dollars.....	
Receipts							
Steers*	Cwt	1,470	1200	72.00	846.72	1,270,080	
Cash Expenses							
Calf Purchase	Cwt	1,485	850	83.00	698.45	1,047,668	
Feed							
Hay	ton	186		65.00	8.06	12,090	
Barley**	ton	1,856		96.00	118.78	178,176	
Corn Silage	ton	464		26.00	8.04	12,064	
Supplements	ton	93		125.00	7.75	11,625	
Vet & Medicine	head	1,500		7.05	7.05	10,575	
Marketing	head	1,500		4.25	4.25	6,375	
Yardage (includes feeding costs)	\$/head/day	187,500		0.28	35.00	52,500	
Trucking	head	1,500		11.50	11.50	17,250	
Interest							
Calves		1,047,668dollars	@ 10.5% for 125 days		25.12	37,673	
Feed		213,955dollars	@ 10.5% for 62.5 days		2.56	3,847	
Miscellaneous	head	1,500		1.75	1.75	2,625	
Total Cash Expenses					928.31	1,392,467	
Net Return to unpaid labor, management and equity					(81.59)	(122,387)	

*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 125

Gain per day 3.2

Calves purchased in March and sold in August

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 2

Barley 20

Corn Silage 5

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)						
	68	70	72	74	76	78	80
75	(61.31)	(37.79)	(14.27)	9.25	32.77	56.29	
77	(78.14)	(54.62)	(31.10)	(7.58)	15.94	39.46	

79	(94.97)	(71.45)	(47.93)	(24.41)	(0.89)	22.63
81	(111.80)	(88.28)	(64.76)	(41.24)	(17.72)	5.80
83	(128.63)	(105.11)	(81.59)	(58.07)	(34.55)	(11.03)
85	(145.46)	(121.94)	(98.42)	(74.90)	(51.38)	(27.86)
87	(162.29)	(138.77)	(115.25)	(91.73)	(68.21)	(44.69)

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