

Utah State University

Extension Economics

Cow – Calf Budget

Estimated Costs &amp; Returns for 60 – Head Herd (1996)

Item	Number	Pounds	Price	Total	Per Cow	Your Ranch
				.....Dollars.....		
Receipts:						
Steer Calves	26	450	0.70	8,190.00	136.50	
Heifer Calves	18	425	0.65	4,972.50	82.88	
Yearling Heifers	0	660	0.68	–	–	
Yearling Steers	0	700	0.63	–	–	
Cull Cows	5	900	0.38	1,710.00	28.50	
Cull Bulls	1	1350	0.42	567.00	9.45	
Total				15,439.50	257.33	
Expenses:						
		Units				
Feed						
Federal Grazing	350	AUMs	1.35	472.50	7.88	
Deeded Range	91	AUMs	12.50	1,137.50	18.96	
Hay Produced	125	Tons	55.00	6,875.00	114.58	
Aftermath	93	AUMs	10.00	930.00	15.50	
Supplement	–	Tons	240.00	–	–	
Salt/Mineral	2	Tons	45.00	90.00	1.50	
Subtotal				9,505.00	158.42	
Other						
Vet & Medicine				96.00	1.60	
Trucking				175.20	2.92	
Commissions				124.20	2.07	
Supplies				48.00	0.80	
Fuel & Lube				235.80	3.93	
Hired Labor		0Man	15,000	–	–	
Repairs				283.80	4.73	
Property Taxes				120.00	2.00	
Insurance				235.80	3.93	
Replacement Bulls		1Head	1,500.00	1,500.00	25.00	
Utilities				63.00	1.05	
Miscellaneous				273.60	4.56	
Operating Interest	12,660	6 months	10.9%	689.99	11.50	
Subtotal				3,845.39	64.09	
Total Cash Expenses				13,350.39	222.51	
Livestock Related Non–cash Expenses(depreciation)						
Fences & Corrals				600.00	10.00	
Equipment				1,500.00	25.00	
Horses				150.00	2.50	
Buildings				500.00	8.33	
Subtotal				2,750.00	45.83	
Total Expenses				16,100.39	21.47	

Net Returns Over Cash Expenses	2,089.11	2.79
Return to Land, Family Labor & Management	(660.89)	(0.88)
Assumptions:		
Number of Cows in Herd.....	60	
Percent Calves Weaned.....	85%	
Death Loss		
Cows.....	3%	
Yearlings.....	2%	
Bulls.....	2%	
Replacement Rate		
Cows.....	12%	
Bulls.....	33.33%	
Cows per Bull.....	25	
Percent Calves Sold as Yearlings.....	0%	
Sale Month.....	October	
Number of Months Cows Graze or are Fed	(cows)	(yearlings)
Federal Lands	4.5	0
Deeded Range	1	5
Aftermath	1	1
Hay	5.5	6
Tons Supplement per head	0	0.2

Note: Feed produced valued at market prices. Lines with zeros left for those who need them for the "Your Ranch" column.  
 Budget prepared by E. Bruce Godfrey, Darwin Nielsen, Al Dustin, and Kim Chapman