

Utah State University  
 Extension Economics  
 Elk Budget 1996

	Number	Value	Scenario I		Scenario II		Your Ranch
			Total	Per Mature Animal	Total	Per Mature Animal	
Receipts:							
.....Dollars.....							
Heifer Calves	6	4,000	24,000	273	24,000	273	
Yearling Bred Heifers	3	4,500	13,500	153	13,500	153	
Bred Cows	5	6,500	32,500	369	32,500	369	
Bull Calves	18	1,500	27,000	307	27,000	307	
Yearling Bulls	6	2,500	15,000	170	15,000	170	
Mature Bulls	5	4,500	22,500	256	22,500	256	
Velvet (lbs)	984	55	54,120	615	54,120	615	
Total Receipts			188,620	2,143	188,620	2,143	
Expenses:							
Investment:							
Pasture Improvement			872	10	872	10	
Fence			2,109	24	2,109	24	
Water equipment			570	6	570	6	
Truck			1,319	15	4,485	51	
Stock Trailer			488	6	976	11	
Tractor with Loader			1,302	15	1,953	22	
Handling Facilities			1,485	17	1,953	22	
Hydraulic Squeeze			651	7	976	11	
Freezer			342	4	342	4	
Bred Cows			29,538	336	29,538	336	
Bred Yearlings			6,266	71	6,266	71	
Mature Breeding Bulls			2,278	26	2,278	26	
Mature Velvet Bulls			16,275	185	16,275	185	
Operating Expenses:							
Feed			14,856	169	14,856	169	
Property Taxes			400	5	400	5	
Vet/Med			2,270	26	2,270	26	
Utilities			840	10	840	10	
Insurance			2,940	33	2,940	33	
Gas, Oil, Fuel			840	10	840	10	
Marketing			1,680	19	1,680	19	
Licenses			420	5	420	5	
Pasture Maintenance			8,560	97	8,560	97	
Miscellaneous			660	8	660	8	
Machinery/Equip Maintenance			8,705	99	11,464	130	
Fence/Handling Maintenance			805	9	1,295	15	
Interest (6 months @ 10.9%)			1,533	17	1,710	19	
Death Loss			5,280	60	5,280	60	
Total Expenses			113,284	1,287	121,808	1,384	

Returns Over listed Expenses	75,336	856	66,812	759
Returns to Land, Labor, & Management	75,336		66,812	

Elk Budget Assumptions:

Feed:	Price/Ton Dollars	Bred Cows .....Tons of Feed per	Bulls Animal.....	Bred Heifers	Total Feed Dollars
Hay	75	0.75	0.90	0.47	5,214
Oats or Barley	128	0.30	0.38	0.19	3,675
Supplement	350	0.20	0.20	0.15	5,968

Herd Animals:	Number	Cost	Salvage .....Dollars.....
Breeding Cows	33	6,500	1,000
Bred Heifers	11	4,500	1,000
Breeding Bulls	4	5,000	1,500
Velvet Bulls	40	4,000	1,500
Cows per Bull	25		

Replacement Rate:	
Cows	10%
Bulls	33%
Death Loss	3%

	Scenario I	Scenario II
	.....Dollars.....	
Pasture Improvement	5,358	5,358
Fence	12,959	12,959
Water Equipment	3,502	3,502
Truck	8,105	27,558
Stock Trailer	3,000	5,997
Tractor with Loader	8,000	12,000
Handling Facilities	9,000	12,000
Hydraulic Squeeze	4,000	5,997
Freezer	2,101	2,101
Bred Cows	181,500	181,500
Bred Yearlings	38,500	38,500
Mature Breeding Bulls	14,000	14,000
Mature Velvet Bulls	100,000	100,000

This analysis assumes that the heifer calves and bred heifers can be sold for breeding purposes at the value shown.

Any decline in the market for breeding cows will negatively impact the return to family labor and management.

\*Investment expenses calculated by subtracting salvage value, if any, from initial cost to arrive at values in Scenarios I and II,

then Amortizing these values @ 10% over 10 years

Budget prepared by Donald L. Snyder