

Utah State University
 Extension Economics
 Jerset Dairy Budget
 Average Costs and Returns, Northern Utah, 1998

	Units	Number of units/cow	Price or cost/unit	Value or cost/cow	Value per cwt milk	Your Dairy
				Dollars.....	
Receipts:						
Milk Sales	Cwt	14,500	16.63	2,411.35	16.63	
Sale of Calves						
Bulls	Head	0.44	5.00	2.20	0.02	
Heifers	Head	0.44	100.00	44.00	0.30	
Sale of Cull Cows	Head	0.22	270.00	59.40	0.41	
Other (manure, etc.)	Head	1.00	25.00	25.00	0.17	
Total Receipts				2,541.95	17.53	
Expenses:						
Operating						
Feed						
Hay	Ton	3.80	90.00	342.00	2.36	
Corn Silage	Ton	1.50	25.00	37.50	0.26	
Concentrates	Cwt	76.50	6.25	478.13	3.30	
Trucking	Head	1.00	5.00	5.00	0.03	
Bedding	Head	1.00	3.22	3.22	0.02	
Supplies	Head	1.00	60.78	60.78	0.42	
DHIA	Head	1.00	16.00	16.00	0.11	
Capital Rotation	Cwt	14,500	0.10	14.50	0.10	
Marketing	Cwt	14,500	0.08	11.60	0.08	
Milk Hauling	Cwt	14,500	0.56	81.20	0.56	
Dairy Commission	Cwt	14,500	0.17	24.65	0.17	
Utilities	Head	1.00	42.60	42.60	0.29	
Vet & Medicine	Head	1.00	32.96	32.96	0.23	
Hoof Trimming	Head	1.00	7.88	7.88	0.05	
Breeding	Head	1.50	12.00	18.00	0.12	
BST	Head	8.00	5.30	42.40	0.29	
Interest on Operating Capital	Head	1.00	10.40	10.40	0.07	
Replacements	Head	0.25	1,300.00	325.00	2.24	
Total Operating Expenses				1,553.82	10.72	
Allocated						
Building Maintenance	Head	1.00	22.84	22.84	0.16	
Equipment Maintenance	Head	1.00	37.11	37.11	0.26	
Fuel & Oil	Head	1.00	20.54	20.54	0.14	
Insurance	Head	1.00	16.48	16.48	0.11	
Hired Labor	Head	1.00	90.44	90.44	0.62	
Miscellaneous	Head	1.00	16.52	16.52	0.11	
Property Taxes	Head	1.00	13.43	13.43	0.09	
Total Allocated Expenses				217.36	1.50	
Capital & Interest						

Interest	Head	1.00	77.79	77.79	0.54
Depreciation	Head	1.00	60.46	60.46	0.42
Total Costs				1,909.43	13.17

Net Returns to Operator Labor, Management and Equity

Above Operating Expenses				988.14	6.81
Above Total Costs				632.52	4.36

Assumptions:

Average number of cows in herd	90	Death Loss	
Average production per cow	14,500	Calves	0.05
Turnover percentage	25.00%	Cows	0.03

All cows do not receive BST. All calves sold, may be another enterprise such as heifer raising. Number of cows in herd is stable.

Budget prepared by: E. Bruce Godfrey, Clark Israelsen, Allen young, and Ron Boman with input from local dairy Operators.