

Utah State University

Extension Economics

Holstein dairy budget, 2000

Large herd, Central Utah

Receipts	Unit(s)	Price or Cost/ unit	Number of Units/cow	Value or Cost per cow	Value per cwt
Milk Sales	Cwt	\$12.11	204.99	\$2,482.43	\$1,211.00
Sale of calves					
Bulls	Head	\$75.00	0.44	\$33.00	\$16.10
Heifers	Head	\$200.00	0.44	\$88.00	\$42.93
Sale of cull cows	Head	\$490.00	0.18	\$88.20	\$43.03
Other (manure ,etc)	Head	\$25.00	1.00	\$25.00	\$12.20
Subtotal				\$2,716.63	\$1,325.25
Expenses					
Operating					
Feed					
				\$1,278.10	\$623.49
Hay	Ton	\$87.00	2.80	\$243.60	\$118.84
Corn Silage	Ton	\$27.00	4.50	\$121.50	\$59.27
Concentrates	Cwt	\$8.30	110.00	\$913.00	\$445.39
Supplies	Head	\$145.00	1.00	\$145.00	\$70.74
Milk Hauling & Marketing	Cwt	\$0.72	204.99	\$1.48	\$0.72
Utilities	Head	\$24.00	1.00	\$24.00	\$11.71
Vet & Medicine	Head	\$56.00	1.00	\$56.00	\$27.32
Custom hire	Head	\$15.00	1.00	\$15.00	\$7.32
Breeding	Head	\$12.00	1.60	\$19.20	\$9.37
Repairs	Head	\$73.00	1.00	\$73.00	\$35.61
Interest on operating	Head	\$7.00	1.00	\$7.00	\$3.41
Replacements	Head	\$1,500.00	0.20	\$300.00	\$146.35
Subtotal				\$1,918.78	\$936.03
Allocated					
Building maint.	Head	\$22.00	1.00	\$22.00	\$10.73
Equipment maint.	Head	\$30.00	1.00	\$30.00	\$14.63
Fuel & oil	Head	\$24.00	1.00	\$24.00	\$11.71
Insurance	Head	\$8.00	1.00	\$8.00	\$3.90
Hired labor	Head	\$320.00	1.00	\$320.00	\$156.11
Misc.	Head	\$8.00	1.00	\$8.00	\$3.90
Dues and fees	Head	\$20.00	1.00	\$20.00	\$9.76
Property taxes	Head	\$5.00	1.00	\$5.00	\$2.44
Subtotal				\$437.00	\$213.18
Depreciation and interest on borrowed capital					
Interest	Head	\$65.00	1.00	\$65.00	\$31.71
Depreciation	Head	\$45.00	1.00	\$45.00	\$21.95
Total costs				\$2,465.78	\$1,202.88

Net returns to operator labor, management and equity capital		
Above operating	\$797.85	\$389.22
Above total	\$250.85	\$122.37

## Assumptions

Average number of cows in herd	803
Average production per cow	20,499
Turnover percentage	20.00%
Death loss	
Calves	3.00%
Cows	2.00%

All calves sold (may be to another enterprise such as heifer raising)

Number of cows in herd is stable

Costs and returns associated with Dairy enterprise only. Does not reflect costs and returns of total operation.

Budget prepared by: E. Bruce Godfrey and Jay Olsen with input from producers in Central Utah











