

**REVENUE, COSTS OF PRODUCTION AND RETURNS
FOR THREE DIFFERENT SIZED DAIRY HERDS
COWS AND REPLACEMENTS**

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	Herd Size		
	100	600	2400
	122	732	2928
TOTAL OPERATION			
Receipts	\$305,939	\$1,835,636	\$7,342,546
(Includes milk, heifers sold, bull calves, cull cows)			
Variable Costs			
Feed	169,702	1,018,212	4,072,848
Other	89,444	646,467	2,380,906
Total	259,146	1,664,679	6,453,754
Fixed Costs	135,213	378,286	1,323,926
Total Costs	394,360	2,042,965	7,777,680
Return Above Variable Costs	46,793	170,958	888,791
Return Above Total Costs	-88,420	-207,328	-435,134
PER COW			
Receipts / Cow	2,508	2,508	2,508
Variable Costs / Cow	2,124	2,274	2,204
Fixed Costs / Cow	1,108	517	452
Total Costs / Cow	3,232	2,791	2,656
Return Above Variable Costs / Cow	384	234	304
Return Above Total Costs / Cow	-725	-283	-149
Variable Costs / cwt Milk	10.12	10.83	10.50
Fixed Costs / cwt Milk	5.28	2.46	2.15
Total Costs / cwt Milk	15.39	13.29	12.65

*Details and explanations on following pages

Assumptions:

- 1) Receipts per cow are the same for all three sizes of operation.
- 2) Variable costs per cow, excluding labor, are the same for all three sizes of operations.
- 3) Buildings, facilities, and equipment are all newly purchased.