

# Placer Dairy Management Study - 1953

This is a summary of all the herds in the Dairy Management study 1953. A detailed analysis by individual herds is available at the A.E.S. office on -1. Income and Expenses per Cow, 2. Milk Production and Sales, and 3. Feed Consumption and Cost.

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A Summary of Eight Dairy Herds

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*Reed*

### PLACER DAIRY MANAGEMENT STUDY

Some important factors which affect the profitability of the dairy are given below.

	Five Market Milk Dairies	Three Mfg. Milk Dairies
Average number cows	43	23
Animal units per cow	1.6	1.4
Pounds milk per cow	9,479	7,976
Pounds B.F. per cow	380	315
Average test	4.1	4.0
Value per Cwt. milk		
Price	\$5.25	\$3.87
Cost to produce	4.30	5.58
Net income	.95	-1.71
Feed per cow		
Tons hay	2.9	2.7
Tons silage	2.7	3.7
Pounds concentrate	2,775	1,961
Acres irrigated pasture	1.0	1.7
Acres range	1.1	1.9
Cost hay per ton	\$24.77	\$30.79
Cost concentrate per cwt.	4.15	3.89
Dairy investment per cow*	\$534.51	\$397.43

\* Includes dairy stock, buildings, equipment, lots, and feed on hand but not pasture, cropland, or crop machinery.

The differences between the Market Milk and Manufacturing Milk Dairies as shown above is not shown as characteristic of the differences between these two types of dairies.

Market milk dairies require some additional investment in buildings and equipment but otherwise there need be no difference between the records other than that manufacturing milk prices are always below market milk prices.

The income and expenses which determine the net income are the final measures of the success of any enterprise.

	Five Market Milk Dairies	Three Mfg. Milk Dairies
Income per cow		
Milk sales	\$489.84	\$307.96
Stock sales	25.72	28.88
Misc	4.20	3.67
Change stock inventory	18.66	71.75
Total income	538.42	412.26
Cash and depreciation cost per cow		
Feed	\$260.75	\$247.88
Hired labor	41.21	1.25
Misc	46.73	43.88
Stock Bought	.63	134.42*
Depreciation	15.11	7.77
Total	364.43	435.20
Net farm income per cow	\$173.99	\$-22.94
Family labor	\$ 61.70	\$ 93.64
Interest	26.71	19.87
Management Income per cow	\$ 85.58	\$-136.45

\* One manufacturing milk herd went from four to 24 milk cows during the year.

Net Farm Income is Total Income less Cash and Depreciation costs.

Management Income is Net Farm Income minus Family labor and interest.

#### RANGE IN NET INCOMES OF THESE RECORDS

	Market Milk		Mfg. Milk	
	Low	High	Low	High
Net Income per cow				
Net Farm Income	\$144.02	\$232.32	\$-61.18	\$53.23
Management Income	14.06	156.68	-204.49	-43.80