



SAMPLE
PRODUCTION
COSTS

GRADE "A" DAIRY
IN
SAN JOAQUIN COUNTY

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University of California
Agricultural Extension Service
San Joaquin County

Milk

GRADE "A" DAIRY SAMPLE PRODUCTION COSTS

PRODUCTION DATA

200 cow herd producing 14,285 lbs milk of 3.5% test, 500 lbs butterfat;
2,857,000 lbs milk sold; 50% Class I contract; 2% mortality;
25% replacement; 90% calf crop.

INCOME

A. Milk Sales

1. Butterfat	50,000 lbs @ \$.95	\$47,500
2. Skim milk	13,785 cwt @ \$1.98	27,294
3. Class II	14,285 cwt @ \$3.65	<u>52,140</u>
	Milk Income	\$126,934

B. Stock Sales

1. Cull cows	50 @ 1,200 lbs @ .12	7,200
2. Vealers	90 @ \$11.00	990
3. Heifers	90 @ \$25.00	<u>2,250</u>
	Stock Income	\$10,440

C. Manure

1,000 tons @ \$1.50	<u>1,500</u>
Total Income	\$138,874

Your Costs

EXPENSES

Feed

Hay	720 tons @ \$30.00	21,600
Green chop	2,880 tons @ \$7.00	20,160
Grain	414 tons @ \$65.00	<u>26,910</u>
	Total Feed Cost	\$68,670

Replacement heifers

50 @ \$275.00	13,750
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Labor

2½ men @ \$600.00/month	18,000
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Miscellaneous

Breeding fees	200 @ \$8.00	1,600
DHIA, CMT, EDP	\$81.20/month	974
Dues and assessments		500
Bedding	\$3.00/cow/year	600
Veterinary and medicine	\$12.00/cow/year	2,400
Electricity		650
Supplies and repairs	\$1.00/cow/month	2,400
Insurance		400
Manure hauling	\$4.00/cow/year	800
Tractor	250 hours @ \$2.50	625
Cow clipping	\$.60 x 2 x 200	240
Milk hauling	14,285 cwt @ \$.35 - 14,285 cwt @ \$.20	7,857
Taxes	1% of investment	1,206
Other miscellaneous	\$10.00/cow	<u>2,000</u>
	Total Miscellaneous	\$22,252

Grade "A" Dairy Sample Production Costs

Page 2

INVESTMENT		<u>Depreciation</u>	<u>Interest</u>
Land - 10 acres	\$10,000		\$600
Milk barn - 24-cow face-out	15,000	\$675	495
Pipeline, vacuum system & 6 milking units	4,000	360	132
Milk tank & 7.5 hp refrigeration unit (1200 gal. cold-wall)	7,500	675	248
Gas heater - washup system (100 gal. tank, 6 unit washup - 500 gal. propane tank)	400	36	13
Feeders & bins (10 T), metal mangers (\$10.00/feeder)	4,750	428	157
Hay barn - 55 x 190	10,450	470	345
Corral & disposal	9,000	405	297
Jet cow washer	2,500	225	83
Well & pump	2,000	90	66
Cows - 200 @ \$275.00	<u>55,000</u>		<u>3,300</u>
	\$120,600	\$3,364	\$5,736
Depreciation & Interest	9,100		
Repairs (2% of investment excluding land & cattle)	<u>1,112</u>		
Sub Total	\$10,212		
Management (3% of gross income)	4,166		
TOTAL COSTS		% Total	
		<u>Costs</u>	
Feed	\$68,670	50	
Replacements	13,750	10	
Labor	18,000	13	
Management	4,166	3	
Miscellaneous	22,252	16	
Mortality	1,100	1	
Depreciation, Interest, Repair	<u>10,212</u>	7	
TOTAL COSTS	\$138,150		
TOTAL INCOME	<u>138,874</u>		
NET PROFIT	\$ 724		

Prepared by:

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