

ECONOMIC ANALYSIS
 SACRAMENTO COUNTY GRADE "B" DAIRY
 SEPTEMBER 1972

PRODUCTION DATA: 100 cow herd producing 12,000 pounds of 3.5% milk, 25% replacement, 3% mortality, 90% calf crop.

INCOME			
Milk Sales	1,200,000 lbs. @ \$5 cwt		<u>\$ 60,000</u>
Stock Sales			
Cull Cows	27 @ \$290/head		7,830
Bull Calves	45 @ \$40/head		1,800
Heifer Calves	17 @ \$60/head		1,020
Heifer Calves transferred for replacment	28 @ \$60/head		<u>1,680</u>
		Stock Income	\$ 12,330
		Total Income to (to) farm	<u>\$ 72,330</u>

EXPENSES			
Feed			
Alfalfa Hay	280 tons @ \$40		\$ 11,200
Concentrate (Incl. mineral)	72 tons @ \$70		5,040
Irrigated Pasture	600 AUM @ \$5		<u>3,000</u>
		Total Feed Cost	<u>\$ 19,240</u>

Miscellaneous			
Replacement Heifers	25 @ \$500		12,500
Labor	1 milker @ \$675/month		8,100
Breeding	160 @ \$7		1,120
DHIA, CMT			496
Dues & Assessments			200
Vet & Medicine			1,000
Utilities			700
Supplies			1,850
Repairs			1,000
Equipment			1,010
Milk Hauling			2,500
Cash Overhead & Insurance			600
Taxes			<u>650</u>

Total Miscellaneous	\$ 31,726
Total Cash Costs	\$ 50,966
Interest & Depreciation	\$ 5,170
Management @ 5% of \$71,925	\$ 5,617
TOTAL COSTS	\$ 80,353

ANNUAL COST OF DAIRY EQUIPMENT

INVESTMENT

	Total	Depreciation	Interest	Total
Milk Barn	\$10,000	\$ 500	\$ 300	\$ 800
Milking Equipment (incl. pipeline, tank, refrig, etc.)	6,500	650	195	845
Heater, Washup	500	50	15	65
Hay Storage, Corrals, & Manure Disposal	10,000	500	300	800
Well & Pump	2,000	200	60	260
TOTAL DAIRY EQUIPMENT	\$29,000	\$1,900	\$,870	\$2,770
Cows-- 100 @ \$400	\$40,000		\$2,400	\$2,400
Depreciation & Interest	\$ 5,170			
Management (5% of \$71,925)	\$ 3,617			

5,170

TOTAL COSTS

Feed	\$19,240
Replacements	12,500
Labor	8,100
Management	3,617
Miscellaneous	31,726
Depreciation & Interest	5,170
TOTAL COSTS	\$80,353
TOTAL INCOME	\$72,330
NET PROFIT	\$-8,023
Investment per cow (exclusive of land)	\$ 690
Annual Cost/Cow/Year	\$ 804
Annual Income/Cow/Year	\$ 723
NET PROFIT/COW/YEAR	\$ -81

HAM/cln
100c