

MERCED COUNTY

COW AND CALF OPERATION

Owner Operated

100 Cows - 15 2-year Heifers - 15 Yearling Heifers

INVESTMENTS	VALUE PER COW	VALUE/100 COWS
a. Cattle		
1. Cows - 100 @ \$210.00	\$ 210.00	\$21,000.00
2. Heifers - 15 2-year olds @ \$160.00	24.00	2,400.00
15 yearlings @ \$190.00	28.50	2,850.00
3. Bulls - 4 @ \$500.00	20.00	2,000.00
4. Horse & Saddle - 2 @ \$400.00	8.00	800.00
b. Land		
1. 800 acre winter pasture @ \$115.00*	920.00	92,000.00
2. 115 acre irrigated pasture @ \$500.00*	500.00	50,000.00
3. Corrals (2 sets) @ \$1500.00	15.00	1,500.00
4. Pickup, Scales & Miscellaneous	35.00	3,500.00
TOTAL	<u>\$1,760.50</u>	<u>\$176,050.00</u>

INCOME

A. Calf crop - 88%		
a. 44 steer calves @ 550 pounds		
24,200 pounds @ 34¢	82.28	8,228.00
b. 29 heifer calves @ 500 pounds		
14,500 pounds at 30¢	43.50	4,350.00
B. Culls		
a. 12 cull cows @ 1,000 pounds		
12,000 pounds @ 18¢	27.72	2,772.00
b. 1 Bull @ 1500 pounds @ 28¢	3.20	320.00
GROSS INCOME	<u>\$ 156.70</u>	<u>\$ 15,670.00</u>

EXPENSES (Miscellaneous)

	PER COW	100 COWS
a. Horse 7 tons of hay	1.75	175.00
b. Miscellaneous (gas, repairs, veterinary, salt, pickup expense, etc.)	12.00	1,200.00
TOTAL MISCELLANEOUS EXPENSE	<u>\$ 13.75</u>	<u>\$ 1,375.00</u>
c. Taxes		
1. Winter pasture land - 800 ac. @ 3.00/ac	24.00	2,400.00
2. Irrigated pasture land - 115 acres	12.50	1,250.00
3. Cows - 1.80 per cow	1.80	180.00
4. Bulls	.48	48.00
5. Heifers - 30 @ 1.80	.54	54.00
6. Horses - 2 @ \$2.00	.04	4.00
TOTAL TAXES	<u>\$ 39.36</u>	<u>\$ 3,936.00</u>

	<u>PER COW</u>	<u>100 COWS</u>
d. Water - 115 acres @ \$5.00 per acre	\$ 5.75	\$ 575.00
e. Depreciation		
1. Bulls - 4 years less salvage - \$500.00	5.00	500.00
2. Horse & Saddle - (2) 10 year life	.80	80.00
3. Pickup - \$3500.00 - 10 yr. life	3.50	350.00
4. Corrals - 2 sets - 1 scale - \$2,000.00 20 year life	1.00	100.00
5. Pasture stand - 10 year life	2.00	200.00
6. Fences	1.00	100.00
TOTAL DEPRECIATION	<u>\$ 13.30</u>	<u>\$ 1,330.00</u>
TOTAL EXPENSE	<u>\$ 72.16</u>	<u>\$ 7,216.00</u>
<u>SUMMARY INCOME - EXPENSES</u>		
Total Income	\$ 156.70	\$15,670.00
Total Expense	<u>72.16</u>	<u>7,216.00</u>
Net Income	\$ 84.54	\$ 8,454.00
Less Interest on Investment @ 6% interest	105.63	- 10,563.00
Labor and management income	-21.09	-2,109.00
Labor-management-investment income	<u>\$ 84.54</u>	<u>\$ 8,454.00</u>

* Land value includes investment in irrigation facilities and fences.

Cold or dry winter will require some supplemental feed.

Assumed that an operator with 100 cows will trade labor with neighbors. An operation from 300 - 500 will require a full-time man for cattle and one irrigator.

May, 1971

Merced County

UC Cooperative Extension