

MONTHLY SUMMARY OF RECEIPTS AND EXPENSES

YEAR UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TO RECEIPTS 1 DOL.	38683.	38856.	38683.	38856.	38683.	38856.	38683.	38856.	38683.	38856.	38683.	38856.
OPERATING INPUTS:												
DRY ROUGHAGE 1 DOL.	9722.	9722.	9722.	9722.	9722.	9722.	9722.	9722.	9722.	9722.	9722.	9722.
WET ROUGHAGE 1 DOL.	2048.	2048.	2048.	2048.	2048.	2048.	2048.	2048.	2048.	2048.	2048.	2048.
CONCENTRATES 1 DOL.	10903.	10903.	10903.	10903.	10903.	10903.	10903.	10903.	10903.	10903.	10903.	10903.
MILKERS 1 DOL.	1963.	1963.	1963.	1963.	1963.	1963.	1963.	1963.	1963.	1963.	1963.	1963.
HIRED LABOR 1 DOL.	1210.	1210.	1210.	1210.	1210.	1210.	1210.	1210.	1210.	1210.	1210.	1210.
FAMILY MILKR 1 DOL.	68.	68.	68.	68.	68.	68.	68.	68.	68.	68.	68.	68.
FAMILY LABOR 1 DOL.	173.	173.	173.	173.	173.	173.	173.	173.	173.	173.	173.	173.
REPLACE. HEIFER 1 DOL.	1742.	1742.	1742.	2032.	1742.	1742.	1742.	2032.	1742.	1742.	1742.	2032.
MANURE-HAULING 1 DOL.	0.	0.	1500.	0.	0.	0.	0.	0.	1500.	0.	0.	0.
TAXES & INS. 1 DOL.	1021.	0.	0.	1021.	0.	0.	1021.	0.	0.	1021.	0.	0.
MARKETING 1 DOL.	1578.	1578.	1578.	1578.	1578.	1578.	1578.	1578.	1578.	1578.	1578.	1578.
MISCL EXPENSE 1 DOL.	3448.	3448.	3448.	3448.	3448.	3448.	3448.	3448.	3448.	3448.	3448.	3448.
TRACTOR FUEL COST 1 DOL.	117.	117.	117.	117.	117.	117.	117.	117.	117.	117.	117.	117.
TRACT REPAIR COST 1 DOL.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.
TRACTOR LUBE COST 1 DOL.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
MACHRY FUEL COST 1 DOL.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.
MACHRY LUBE COST 1 DOL.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
MACH REPAIR COST 1 DOL.	65.	65.	65.	65.	65.	65.	65.	65.	65.	65.	65.	65.
EQUIP REPAIR COST 1 DOL.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.
MACHINERY LABOR 1 DOL.	270.	270.	270.	270.	270.	270.	270.	270.	270.	270.	270.	270.
INT. ON OPER CAP. 1 DOL.	341.	341.	341.	341.	341.	341.	341.	341.	341.	341.	341.	341.

*** TOTALS OF THE ABOVE ITEMS ARE LISTED IN THE VARIABLE COST SECTION ON THE REVERSE SIDE ***

COST 1 DOL.	34811.	33790.	35290.	35101.	33790.	33790.	34811.	34080.	35290.	34811.	33790.	34080.
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LABOR USE SUMMARY
 LIVESTOCK INVESTMENT AND COST SUMMARY

MACHINERY LABOR 1 HOUR	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.
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INVESTMENT

COST SUMMARY

NAME	UNIT	SIZE	PURCH PRICE	NO. IN BUDGET	TOTAL VALUE	DEPR.	INTEREST	INS/TAXES	TOTAL OWNERSHIP	FUEL & LUBE	REPAIRS	TOTAL OP COSTS
EQUIPMENT												
SUMP PIT	CUFT	450.	2574.	1.0	2574.00	102.96	154.44	25.74	283.14	0.00	0.00	0.00
FLOAT SWITCH	UNIT	1.	97.	1.0	97.00	12.47	6.40	0.97	19.84	0.00	0.14	0.14
SUMP PUMP 15 HP	UNIT	1.	2574.	1.0	2574.00	330.94	169.88	25.74	526.57	0.00	11.03	11.03
ROTARY AGITATOR	UNIT	1.	1521.	1.0	1521.00	195.56	100.39	15.21	311.15	0.00	10.86	10.86
SPRINKLER SYSTEM	FEET	1.	2.	500.0	815.00	40.75	61.13	8.15	110.03	0.00	0.54	0.54
FLAT BARN-40/SIDE	HEAD	80.	87750.	1.0	87750.00	3159.00	5791.50	877.50	9828.00	0.00	52.65	52.65
CROWD GATE	UNIT	1.	8190.	1.0	8190.00	737.10	540.54	81.90	1359.54	0.00	0.82	0.82
MILKING UNIT	UNIT	1.	269.	8.0	2152.00	255.55	135.58	21.52	412.65	0.00	26.90	26.90
3" SS PIPELINE	FEET	1.	10.	180.0	1800.00	144.00	129.60	18.00	291.60	0.00	0.00	0.00
VACUUM LINE	FEET	1.	4.	180.0	720.00	57.60	51.84	7.20	116.64	0.00	0.00	0.00
VACUUM PUMP	H.P.	8.	3510.	2.0	7020.00	631.80	463.32	70.20	1165.32	0.00	21.06	21.06
MILK PUMP	H.P.	2.	702.	2.0	1404.00	126.36	92.66	14.04	233.06	0.00	4.21	4.21
MILK RECEIVER	UNIT	1.	1287.	2.0	2574.00	205.92	185.33	25.74	416.99	0.00	12.87	12.87
REFRIG BULK TANK	GAL.	3000.	22230.	1.0	22230.00	1778.40	1600.56	222.30	3601.26	0.00	44.46	44.46
FD CNVYR MTR AUT	H.P.	5.	2106.	1.0	2106.00	189.54	139.00	21.06	349.60	0.00	21.06	21.06
FEED CONVEYOR	FEET	1.	18.	1.0	18.00	1.26	1.40	0.18	2.84	0.00	0.09	0.09
DRYLOT CORRAL	HEAD	100.	17316.	6.0	103896.00	3116.88	6857.14	1038.96	11012.98	0.00	17.32	17.32
POLE BARN OPEN	SQFT	1800.	5499.	4.0	21996.00	659.88	1451.74	219.96	2331.58	0.00	0.00	0.00
20 HP PUMP-WELL	H.P.	20.	4949.	1.0	4949.00	445.41	326.63	49.49	821.53	0.00	4.95	4.95
SQUEEZE CHUTE	UNIT	1.	632.	1.0	632.00	26.86	43.61	6.32	76.79	0.00	1.58	1.58
LIVESTOCK												
DAIRY COW	HEAD	1.	1310.	250.	327500.00	0.00	39300.00	0.00	39300.00			
DAIRY BULL	HEAD	1.	2455.	3.	7365.00	1031.10	574.47	0.00	1605.57			
MACHINERY												
TRACTOR 50 HP			14040.00		14040.00	535.70	642.86	192.86	1371.42	1617.58	1028.57	2646.15
PICKUP 4X4			14400.00		14400.00	60.22	35.24	8.64	104.10	237.36	137.15	374.51
MIXER WAGON*			6500.00		6500.00	266.69	130.99	36.56	434.25	12.63	631.29	643.91
FRONT END LOADR*			2880.00		2880.00	11.65	6.87	1.94	20.47	0.19	9.56	9.75
HOUSTEAD	ACRE		15000.00	20.0	300000.00		36000.00	1400.00	37400.00			
TOTALS					947703.00	14123.61	94993.12	4390.18	113506.91	1867.76	2037.11	3904.87

TOTAL PER CWT. 25.51704 0.3803 2.5577 0.1182 3.0562 0.0503 0.0548 0.1051
 20 ACRE DAIRY MILKING TWICE DAILY
 FLAT BARN 40 COW/SIDE
 UC Cooperative Extension
 UPDATED 9/12/80

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 467
 COMMERCIAL DAIRY PRODUCTION - SOUTHERN CALIFORNIA 1979-80
 250 COW HERD 14,856 LBS/HD AVE. ANNUAL PRODUCTION
 30% TURNOVER RATE CHINO VALLEY AREA

FUEL USED IN GALLONS PER HOUR

TRACTOR 50 HP 2.400
 PICKUP 4X4 4.300

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 4X4	0.143	
MIXER WAGON*	0.440	TRACTOR 50 HP
FRONT END LOADR*	0.132	TRACTOR 50 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
TRACTOR 50 HP	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	72.000	864.000	DIESEL
PICKUP 4X4	14.333	14.333	14.333	14.333	14.333	14.333	14.333	14.333	14.333	14.333	14.333	14.333	172.000	GAS
MIXER WAGON*	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	396.000	DIESEL
FRONT END LOADR*	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	118.800	DIESEL
TOTALS	129.233	129.233	129.233	129.233	129.233	129.233	129.233	129.233	129.233	129.233	129.233	129.233	1550.800	

GALLONS FUEL BY TYPE
 172.00 GAS
 0.00 LP
 1378.80 DIESEL
 0.00 N. GAS
 0.00 KWHR

UC Cooperative Extension

FUEL TYPES
 1=GAS
 2=L.P.
 3=DIESEL
 4=N. GAS
 5=ELEC.

MACHINERY OPERATIONS SUMMARY
 COMMERCIAL DAIRY PRODUCTION - SOUTHERN CALIFORNIA 1979-80
 250 COW HERD 14,856 LBS/HD AVE. ANNUAL PRODUCTION
 30% TURNOVER RATE CHINO VALLEY AREA

BUDGET RECORD NUMBER 467

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
TRACTOR 50 HP		3 FEB	30.00	36.000	30.000	*****	67.39
PICKUP 4X4		14 FEB	*****	4.000	3.333	31.21	8.68
MIXER WAGON*	3,	46 FEB	75.00	15.125	12.500	*****	67.08
FRONT END LOADR*	3,	52 FEB	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 MAR	30.00	36.000	30.000	*****	67.39
PICKUP 4X4		14 MAR	*****	4.000	3.333	31.21	8.68
MIXER WAGON*	3,	46 MAR	75.00	15.125	12.500	*****	67.08
FRONT END LOADR*	3,	52 MAR	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 APR	30.00	36.000	30.000	*****	67.39
PICKUP 4X4		14 APR	*****	4.000	3.333	31.21	8.68
MIXER WAGON*	3,	46 APR	75.00	15.125	12.500	*****	67.08
FRONT END LOADR*	3,	52 APR	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 MAY	30.00	36.000	30.000	*****	67.39
PICKUP 4X4		14 MAY	*****	4.000	3.333	31.21	8.68
MIXER WAGON*	3,	46 MAY	75.00	15.125	12.500	*****	67.08
FRONT END LOADR*	3,	52 MAY	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 JUNE	30.00	36.000	30.000	*****	67.39
PICKUP 4X4		14 JUNE	*****	4.000	3.333	31.21	8.68
MIXER WAGON*	3,	46 JUNE	75.00	15.125	12.500	*****	67.08
FRONT END LOADR*	3,	52 JUNE	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 JULY	30.00	36.000	30.000	*****	67.39
PICKUP 4X4		14 JULY	*****	4.000	3.333	31.21	8.68
MIXER WAGON*	3,	46 JULY	75.00	15.125	12.500	*****	67.08
FRONT END LOADR*	3,	52 JULY	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 AUG	30.00	36.000	30.000	*****	67.39
PICKUP 4X4		14 AUG	*****	4.000	3.333	31.21	8.68
MIXER WAGON*	3,	46 AUG	75.00	15.125	12.500	*****	67.08
FRONT END LOADR*	3,	52 AUG	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 SEPT	30.00	36.000	30.000	*****	67.39
PICKUP 4X4		14 SEPT	*****	4.000	3.333	31.21	8.68
MIXER WAGON*	3,	46 SEPT	75.00	15.125	12.500	*****	67.08
FRONT END LOADR*	3,	52 SEPT	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 OCT	30.00	36.000	30.000	*****	67.39
PICKUP 4X4		14 OCT	*****	4.000	3.333	31.21	8.68
MIXER WAGON*	3,	46 OCT	75.00	15.125	12.500	*****	67.08
FRONT END LOADR*	3,	52 OCT	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 NOV	30.00	36.000	30.000	*****	67.39
PICKUP 4X4		14 NOV	*****	4.000	3.333	31.21	8.68
MIXER WAGON*	3,	46 NOV	75.00	15.125	12.500	*****	67.08
FRONT END LOADR*	3,	52 NOV	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 DEC	30.00	36.000	30.000	*****	67.39
PICKUP 4X4		14 DEC	*****	4.000	3.333	31.21	8.68
MIXER WAGON*	3,	46 DEC	75.00	15.125	12.500	*****	67.08
FRONT END LOADR*	3,	52 DEC	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 JAN	30.00	36.000	30.000	*****	67.39
PICKUP 4X4		14 JAN	*****	4.000	3.333	31.21	8.68
MIXER WAGON*	3,	46 JAN	75.00	15.125	12.500	*****	67.08
FRONT END LOADR*	3,	52 JAN	75.00	4.538	3.750	18.69	10.97

TOTALS

***** ***** ***** *****

20 ACRE DAIRY MILKING TWICE DAILY
 FLAT BARN 40 COW/SIDE

UC Cooperative Extension

UPDATED 9/12/80

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 467
 COMMERCIAL DAIRY PRODUCTION - SOUTHERN CALIFORNIA 1979-80
 250 COW HERD 14,856 LBS/HD AVE. ANNUAL PRODUCTION
 30% TURNOVER RATE CHINO VALLEY AREA

INCOME ABOVE VARIABLE COSTS
 WHEN THE PRICE OF MILK, GRADE A RANGES FROM 10.74 TO 13.14
 AND THE QUANTITY OF MILK, GRADE A RANGES FROM 29712.00 TO 44568.00

QUANTITY OF MILK, GRADE	PRICE OF MILK, GRADE A				
	10.74	11.34	11.94	12.54	13.14
29712.00	* -72711.51	* -54884.31	* -37057.11	* -19229.91	* -1402.71
33426.00	* -32823.15	* -12767.55	* 7288.05	* 27343.65	* 47399.25
37140.00	* 7065.21	* 29349.21	* 51633.21	* 73917.21	* 96201.21
40854.00	* 46953.57	* 71465.97	* 95978.37	* 120490.77	* 145003.17
44568.00	* 86841.93	* 113582.73	* 140323.53	* 167064.33	* 193805.13

INCOME ABOVE ALL CASH COSTS
 WHEN THE PRICE OF MILK, GRADE A RANGES FROM 10.74 TO 13.14
 AND THE QUANTITY OF MILK, GRADE A RANGES FROM 29712.00 TO 44568.00

QUANTITY OF MILK, GRADE	PRICE OF MILK, GRADE A				
	10.74	11.34	11.94	12.54	13.14
29712.00	* -77101.69	* -59274.49	* -41447.29	* -23620.09	* -5792.89
33426.00	* -37213.33	* -17157.73	* 2897.87	* 22953.47	* 43009.07
37140.00	* 2675.03	* 24959.03	* 47243.03	* 69527.03	* 91811.03
40854.00	* 42563.39	* 67075.79	* 91588.19	* 116100.59	* 140612.99
44568.00	* 82451.75	* 109192.55	* 135933.35	* 162674.15	* 189414.95

INCOME ABOVE ALL COSTS
 WHEN THE PRICE OF MILK, GRADE A RANGES FROM 10.74 TO 13.14
 AND THE QUANTITY OF MILK, GRADE A RANGES FROM 29712.00 TO 44568.00

QUANTITY OF MILK, GRADE	PRICE OF MILK, GRADE A				
	10.74	11.34	11.94	12.54	13.14
29712.00	* -186218.43	* -168391.23	* -150564.03	* -132736.83	* -114909.63
33426.00	* -146330.07	* -126274.47	* -106218.87	* -86163.27	* -66107.67
37140.00	* -106441.71	* -84157.71	* -61873.71	* -39589.71	* -17305.71
40854.00	* -66553.35	* -42040.95	* -17528.55	* 6983.85	* 31496.25
44568.00	* -26664.99	* 75.81	* 26816.61	* 53557.41	* 80298.21

20 ACRE DAIRY MILKING TWICE DAILY
 FLAT BARN 40 COW/SIDE

UPDATED 9/12/80

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 FLAT BARN 40 COW/SIDE

UC Cooperative Extension

UPDATED 9/12/80

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 467
 COMMERCIAL DAIRY PRODUCTION - SOUTHERN CALIFORNIA 1979-80
 250 COW HERD 14,856 LBS/HD AVE. ANNUAL PRODUCTION
 30% TURNOVER RATE CHINO VALLEY AREA

INCOME ABOVE VARIABLE COSTS

WHEN THE PRICE OF CALVES, HEIFER		RANGES FROM		106.51 TO	130.11	
AND THE QUANTITY OF CALVES, HEIFER		RANGES FROM		101.00 TO	149.00	
		PRICE OF CALVES, HEIFER				
		106.51	112.41	118.31	124.21	130.11

QUANTITY OF CALVES, HEI	101.00 *	47601.97	48197.87	48793.77	49389.67	49985.57
	*					
	*					
	113.00 *	48880.09	49546.79	50213.49	50880.19	51546.89
	*					
	*					
	125.00 *	50158.21	50895.71	51633.21	52370.71	53108.21
	*					
	*					
	137.00 *	51436.33	52244.63	53052.93	53861.23	54669.53
	*					
	*					
	149.00 *	52714.45	53593.55	54472.65	55351.75	56230.85
	*					

INCOME ABOVE ALL CASH COSTS

WHEN THE PRICE OF CALVES, HEIFER		RANGES FROM		106.51 TO	130.11	
AND THE QUANTITY OF CALVES, HEIFER		RANGES FROM		101.00 TO	149.00	
		PRICE OF CALVES, HEIFER				
		106.51	112.41	118.31	124.21	130.11

QUANTITY OF CALVES, HEI	101.00 *	43211.79	43807.69	44403.59	44999.49	45595.39
	*					
	*					
	113.00 *	44489.91	45156.61	45823.31	46490.01	47156.71
	*					
	*					
	125.00 *	45768.03	46505.53	47243.03	47980.53	48718.03
	*					
	*					
	137.00 *	47046.15	47854.45	48662.75	49471.05	50279.35
	*					
	*					
	149.00 *	48324.27	49203.37	50082.47	50961.57	51840.67
	*					

INCOME ABOVE ALL COSTS

WHEN THE PRICE OF CALVES, HEIFER		RANGES FROM		106.51 TO	130.11	
AND THE QUANTITY OF CALVES, HEIFER		RANGES FROM		101.00 TO	149.00	
		PRICE OF CALVES, HEIFER				
		106.51	112.41	118.31	124.21	130.11

QUANTITY OF CALVES, HEI	101.00 *	-65904.95	-65309.05	-64713.15	-64117.25	-63521.35
	*					
	*					
	113.00 *	-64626.83	-63960.13	-63293.43	-62626.73	-61960.03
	*					
	*					
	125.00 *	-63348.71	-62611.21	-61873.71	-61136.21	-60398.71
	*					
	*					
	137.00 *	-62070.59	-61262.29	-60453.99	-59645.69	-58837.39
	*					
	*					
	149.00 *	-60792.47	-59913.37	-59034.27	-58155.17	-57276.07
	*					

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 COMMERCIAL DAIRY PRODUCTION - SOUTHERN CALIFORNIA 1979-80
 250 COW HERD 14,856 LBS/HD AVE. ANNUAL PRODUCTION
 30% TURNOVER RATE CHINO VALLEY AREA

INCOME ABOVE VARIABLE COSTS

WHEN THE PRICE OF CALVES, HEIFER RANGES FROM 106.51 TO 130.11
 AND THE QUANTITY OF CALVES, HEIFER RANGES FROM 101.00 TO 149.00

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	106.51	112.41	118.31	124.21	130.11
101.00 *	47601.97	48197.87	48793.77	49389.67	49985.57
113.00 *	48880.09	49546.79	50213.49	50880.19	51546.89
125.00 *	50158.21	50895.71	51633.21	52370.71	53108.21
137.00 *	51436.33	52244.63	53052.93	53861.23	54669.53
149.00 *	52714.45	53593.55	54472.65	55351.75	56230.85

INCOME ABOVE ALL CASH COSTS

WHEN THE PRICE OF CALVES, HEIFER RANGES FROM 106.51 TO 130.11
 AND THE QUANTITY OF CALVES, HEIFER RANGES FROM 101.00 TO 149.00

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	106.51	112.41	118.31	124.21	130.11
101.00 *	43211.79	43807.69	44403.59	44999.49	45595.39
113.00 *	44489.91	45156.61	45823.31	46490.01	47156.71
125.00 *	45768.03	46505.53	47243.03	47980.53	48718.03
137.00 *	47046.15	47854.45	48662.75	49471.05	50279.35
149.00 *	48324.27	49203.37	50082.47	50961.57	51840.67

INCOME ABOVE ALL COSTS

WHEN THE PRICE OF CALVES, HEIFER RANGES FROM 106.51 TO 130.11
 AND THE QUANTITY OF CALVES, HEIFER RANGES FROM 101.00 TO 149.00

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	106.51	112.41	118.31	124.21	130.11
101.00 *	-65904.95	-65309.05	-64713.15	-64117.25	-63521.35
113.00 *	-64626.83	-63960.13	-63293.43	-62626.73	-61960.03
125.00 *	-63348.71	-62611.21	-61873.71	-61136.21	-60398.71
137.00 *	-62070.59	-61262.29	-60453.99	-59645.69	-58837.39
149.00 *	-60792.47	-59913.37	-59034.27	-58155.17	-57276.07

STORED DATA PAGE (NO CALCULATIONS) FOR DAIRY ANIMALS

BUDGET RECORD NUMBER 467

COMMERCIAL DAIRY PRODUCTION - SOUTHERN CALIFORNIA 1979-80
250 COW HERD 14,856 LBS/HD AVE. ANNUAL PRODUCTION
30% TURNOVER RATE CHINO VALLEY AREA

COSTS AND RETURNS WILL BE
DIVIDED BY 37140.0 CWT.
TO OBTAIN PER CWT. COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	WEIGHT	UNIT	ITEM	TYPE	YEAR
PRODUCTION																		
	NUMBER OF UNITS																	
1 MILK, GRADE A	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38	11.940	250.000	16.	91.	2.	0.
2 CALVES, BULL	10.00	11.00	10.00	11.00	10.00	11.00	10.00	11.00	10.00	11.00	10.00	10.00	54.610	1.000	1.	27.	2.	0.
3 CALVES, HEIFER	10.00	11.00	10.00	11.00	10.00	11.00	10.00	11.00	10.00	11.00	10.00	10.00	118.310	1.000	1.	29.	2.	0.

OPERATING INPUTS	RATE/UNIT												PRICE	NUMBER	UNIT	ITEM	TYPE	YEAR	
														UNITS	CODE	CODE			
11 DRY ROUGHAGE	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	102.340	250.000	1.	196.	3.	2.	
12 WET ROUGHAGE	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	22.750	250.000	1.	197.	3.	2.	
13 CONCENTRATES	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	132.160	250.000	1.	198.	3.	2.	
14 MILKERS	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7.850	250.000	1.	328.	3.	0.	
15 HIRED LABOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.840	250.000	1.	332.	3.	0.	
16 FAMILY MILKR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.270	250.000	1.	339.	3.	0.	
17 FAMILY LABOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.690	250.000	1.	331.	3.	0.	
18 REPLACE. HEIFER	6.00	6.00	6.00	7.00	6.00	6.00	6.00	7.00	6.00	6.00	6.00	6.00	7.00	290.330	1.000	1.	33.	3.	0.
19 MANURE HAULING	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	12.000	250.000	1.	485.	3.	0.	
20 TAXES & INS.	0.25	0.00	0.00	0.25	0.00	0.00	0.00	0.25	0.00	0.25	0.00	0.00	16.340	250.000	1.	439.	3.	0.	
21 MARKETING	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38	0.510	250.000	16.	478.	3.	0.	
22 MISCL EXPENSE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	13.790	250.000	1.	400.	3.	0.	

MACHINERY REQUIREMENTS	TIMES OVER												# CREW	POWER	MACH	TYPE	YEAR	
													LABOR	UNIT	CODE			
38 TRACTOR 50 HP	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	0.000	0.000	0.	3.	4.	0.
39 PICKUP 4X4	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	0.000	0.000	0.	14.	4.	0.
40 MIXER WAGON*	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	0.000	0.000	3.	46.	4.	0.
41 FRONT END LOADR*	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	0.000	0.000	3.	52.	4.	0.

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
30 PIT	1.000	1.000	0.	87.	5.	0.
31 FLOAT SWITCH	1.000	1.000	0.	89.	5.	0.
32 SUMP PUMP 15 HP	1.000	1.000	0.	90.	5.	0.
33 ROTARY AGITATOR	1.000	1.000	0.	91.	5.	0.
34 SPRINKLER SYSTEM	500.000	1.000	0.	92.	5.	0.
51 FLAT BARN-40/SDE	1.000	1.000	0.	6.	5.	0.
52 CROWD GATE	1.000	1.000	0.	11.	5.	0.
53 MILKING UNIT	8.000	1.000	0.	17.	5.	0.
55 3" SS PIPELINE	180.000	1.000	0.	20.	5.	0.
56 VACUUM LINE	180.000	1.000	0.	21.	5.	0.
59 VACUUM PUMP	2.000	1.000	0.	24.	5.	0.
60 MILK PUMP	2.000	1.000	0.	25.	5.	0.
61 MILK RECEIVER	2.000	1.000	0.	26.	5.	0.
62 REFRIG BULK TANK	1.000	1.000	0.	29.	5.	0.
63 FD CNVYR RTR AUT	1.000	1.000	0.	53.	5.	0.
64 FEED CONVEYOR	1.000	1.000	0.	54.	5.	0.
65 DRYLOT CORRAL	6.000	1.000	0.	62.	5.	0.
66 POLE BARN OPEN	4.000	1.000	0.	64.	5.	0.
67 20 HP PUMP-WELL	1.000	1.000	0.	75.	5.	0.
68 SQUEEZE CHUTE	1.000	1.000	0.	76.	5.	0.

LIVESTOCK INVESTMENT	250.000	1.000	0.	97.	5.	0.
69 DAIRY COW	250.000	1.000	0.	97.	5.	0.
70 DAIRY BULL	3.000	1.000	0.	99.	5.	0.

COLUMNS --->	2	3	4	5	6
LAND REQUIREMENTS	CHARGE METHOD	PAST NARE	NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE
71 FARMSTEAD	1.	150.	20.00	15000.00	70.00

ENTERPRISE 1-26 REGION/COUNTY 65 UNASSIGNED 00 INTEREST METHOD 2 UNASSIGNED 00
MACHINE COMP. 10 UNASSIGNED 00 EQUIPMENT SET 3 SALE NO./CYCLE LENGTH 1

20 ACRE DAIRY MILKING TWICE DAILY
FLAT BARN 40 COW/SIDE

UPDATED 9/12/80
MACHINERY COMPLEMENT 10
EQUIPMENT COMPLEMENT 3

GENERAL NAME CHANGE->196	LINE CHANGE	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL
DRY ROUGHAGE	196	0.000000	6.	0.120000	26.	0.120000	28.	0.000000	10.	4.500000	16.	0.000000	
WET ROUGHAGE	197												
CONCENTRATES	198												
FAMILY MILKR	339												
TAXES & INS.	439												

1980 default data

1979-1980 California Dairy Budgets

The intent of the 1979-1980 Dairy Budgets is to provide standardized operating input information for the different production regions in California in order to facilitate possible regional comparisons and analyses. To simplify future updating, the budgets are primarily comprised of data obtained from the Bureau of Milk Stabilization survey information for the months Mar.-Dec. (1979) and Jan.-Feb. (1980), unless otherwise stated. Not all items composing the pooled costs, such as marketing or miscellaneous expenses, were reported in the individual survey information. These representative costs for each region may be itemized by contacting the farm advisor. To be consistent, these budgets are regionalized in a manner similar to BMS's with the following herd sizes:

Humboldt-Del Norte	115
North Bay	200, 375
South Bay	150, 300
North Valley	125, 250, 400
South Valley	250, 400, 900
Southern California	250, 500, 900

Assumptions made in the budgets are as follows:

1. The 1979 annual average milk production (per cow) for each region was distributed evenly throughout the year.
2. The blend price of milk will be used, obtained by dividing total receipts F.O.B. to the plant by # of cwts. shipped for each region. Figures will be for straight (non F.C.) milk.
3. Income from heifer and bull calf sales was determined on 100% calving percentage, 50/50 ratio. Prices received were those reported through the BMS survey information.
4. An average monthly consumption rate (ton/hd) was determined for dry roughage, wet roughage and concentrates. Feed prices are the average reported \$/ton figures.
5. Milker and hired labor wages are averages which include cash wage, prerequisites, and employment taxes. Family labor does not include employment taxes and is otherwise the same for each respective wage. Hours per cow was calculated as:

= average total hours per month/total # cows
(as reported for each region)
6. Figures for taxes on milk production and insurance (fire and liability) are for 1979-1980 and are on a per cwt. basis.

7. The cost for replacement heifers is based on the following formula:

$$\text{Cost} = \frac{\text{(purchase price of replacement - cull cow income)}}{\text{x turnover rate}}$$

The figure is equivalent to the accounting method of calculating depreciation of the herd + gain/loss on sale of cows. Turnover rate includes culls and mortality losses.

8. Marketing costs include pooling, fluid milk, dairy council, mkt'g. order, inspection fee, 1st and 2nd haul, association fees, and plant charges, if any. The figure is a straight average mkt'g. cost based on cwt. per cow, depending on the region.
9. Manure hauling costs are average figures determined by BMS.
10. Miscellaneous expense is the average general operating costs per cow which includes power, butane, telephone, DHIA, vet. & med., artificial insemination, salt & minerals, clipping, hoof trimming, and bedding, if any.
11. All other costs on the budget will be calculated by the generator, based on type of machinery and equipment used.