

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 468
 COMMERCIAL DAIRY PRODUCTION IN THE NORTH VALLEY PRODUCTION AREA 1979-80
 125 COW HERD 15,036 LBS/HD AVE. ANNUAL PRODUCTION
 21.5% TURNOVER RATE

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	
SELF-UNLOAD WAG*	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	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	96.000	1152.000	DIESEL
PICKUP 4X4	11.467	11.467	11.467	11.467	11.467	11.467	11.467	11.467	11.467	11.467	11.467	11.467	137.600	GAS
SELF-UNLOAD WAG*	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	150.367	150.367	150.367	150.367	150.367	150.367	150.367	150.367	150.367	150.367	150.367	150.367	1804.400	

6000'S FUEL BY TYPE
 0.00 GAS
 0.00 LP
 1666.80 DIESEL
 0.00 N. GAS
 0.00 KWHR

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

MACHINERY OPERATIONS SUMMARY
 COMMERCIAL DAIRY PRODUCTION IN THE NORTH VALLEY PRODUCTION AREA 1979-80
 125 COW HERD 15,036 LBS/HD AVE. ANNUAL PRODUCTION
 21.5% TURNOVER RATE

BUDGET RECORD NUMBER 468

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. COSTS	
						PER ACRE	PER ACRE
TRACTOR 50 HP		3 FEB	40.00	48.000	40.000	****	89.86
PICKUP 4X4		14 FEB	80.00	3.200	2.667	24.97	6.94
SELF-UNLOAD WAG*	3,	45 FEB	75.00	15.125	12.500	72.51	47.48
FRONT END LOADR*	3,	52 FEB	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 MAR	40.00	48.000	40.000	****	89.86
PICKUP 4X4		14 MAR	80.00	3.200	2.667	24.97	6.94
SELF-UNLOAD WAG*	3,	45 MAR	75.00	15.125	12.500	72.51	47.48
FRONT END LOADR*	3,	52 MAR	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 APR	40.00	48.000	40.000	****	89.86
PICKUP 4X4		14 APR	80.00	3.200	2.667	24.97	6.94
SELF-UNLOAD WAG*	3,	45 APR	75.00	15.125	12.500	72.51	47.48
FRONT END LOADR*	3,	52 APR	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 MAY	40.00	48.000	40.000	****	89.86
PICKUP 4X4		14 MAY	80.00	3.200	2.667	24.97	6.94
SELF-UNLOAD WAG*	3,	45 MAY	75.00	15.125	12.500	72.51	47.48
FRONT END LOADR*	3,	52 MAY	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 JUNE	40.00	48.000	40.000	****	89.86
PICKUP 4X4		14 JUNE	80.00	3.200	2.667	24.97	6.94
SELF-UNLOAD WAG*	3,	45 JUNE	75.00	15.125	12.500	72.51	47.48
FRONT END LOADR*	3,	52 JUNE	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 JULY	40.00	48.000	40.000	****	89.86
PICKUP 4X4		14 JULY	80.00	3.200	2.667	24.97	6.94
SELF-UNLOAD WAG*	3,	45 JULY	75.00	15.125	12.500	72.51	47.48
FRONT END LOADR*	3,	52 JULY	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 AUG	40.00	48.000	40.000	****	89.86
PICKUP 4X4		14 AUG	80.00	3.200	2.667	24.97	6.94
SELF-UNLOAD WAG*	3,	45 AUG	75.00	15.125	12.500	72.51	47.48
FRONT END LOADR*	3,	52 AUG	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 SEPT	40.00	48.000	40.000	****	89.86
PICKUP 4X4		14 SEPT	80.00	3.200	2.667	24.97	6.94
SELF-UNLOAD WAG*	3,	45 SEPT	75.00	15.125	12.500	72.51	47.48
FRONT END LOADR*	3,	52 SEPT	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 OCT	40.00	48.000	40.000	****	89.86
PICKUP 4X4		14 OCT	80.00	3.200	2.667	24.97	6.94
SELF-UNLOAD WAG*	3,	45 OCT	75.00	15.125	12.500	72.51	47.48
FRONT END LOADR*	3,	52 OCT	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 NOV	40.00	48.000	40.000	****	89.86
PICKUP 4X4		14 NOV	80.00	3.200	2.667	24.97	6.94
SELF-UNLOAD WAG*	3,	45 NOV	75.00	15.125	12.500	72.51	47.48
FRONT END LOADR*	3,	52 NOV	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 DEC	40.00	48.000	40.000	****	89.86
PICKUP 4X4		14 DEC	80.00	3.200	2.667	24.97	6.94
SELF-UNLOAD WAG*	3,	45 DEC	75.00	15.125	12.500	72.51	47.48
FRONT END LOADR*	3,	52 DEC	75.00	4.538	3.750	18.69	10.97
TRACTOR 50 HP		3 JAN	40.00	48.000	40.000	****	89.86
PICKUP 4X4		14 JAN	80.00	3.200	2.667	24.97	6.94
SELF-UNLOAD WAG*	3,	45 JAN	75.00	15.125	12.500	72.51	47.48
FRONT END LOADR*	3,	52 JAN	75.00	4.538	3.750	18.69	10.97

TOTALS *****
 REPLACEMENT COST = FRESH COW COST - CULL COW INCOME * REPLACEMENT RATE
 PRODUCTION = 15000 LBS. 3.5% FCM
 1 FLAT BARN

UPDATED 9/12/80

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 468
 COMMERCIAL DAIRY PRODUCTION IN THE NORTH VALLEY PRODUCTION AREA 1979-80
 125 COW HERD 15,036 LBS/HD AVE. ANNUAL PRODUCTION
 21.5% TURNOVER RATE

INCOME ABOVE VARIABLE COSTS

WHEN THE PRICE OF MILK, GRADE A RANGES FROM 10.60 TO 13.00
 AND THE QUANTITY OF MILK, GRADE A RANGES FROM 15035.00 TO 22555.00

PRICE OF MILK, GRADE A

	10.60	11.20	11.80	12.40	13.00

QUANTITY OF MILK, GRADE	15035.00	16915.00	18795.00	20675.00	22555.00
	* -9653.54	* -632.54	* 8388.46	* 17409.46	* 26430.46
	* 10274.46	* 20423.46	* 30572.46	* 40721.46	* 50870.46
	* 30202.46	* 41479.46	* 52756.46	* 64033.46	* 75310.46
	* 50130.46	* 62535.46	* 74940.46	* 87345.46	* 99750.46
	* 70058.46	* 83591.46	* 97124.46	* 110657.46	* 124190.46
	*				

INCOME ABOVE ALL CASH COSTS

WHEN THE PRICE OF MILK, GRADE A RANGES FROM 10.60 TO 13.00
 AND THE QUANTITY OF MILK, GRADE A RANGES FROM 15035.00 TO 22555.00

PRICE OF MILK, GRADE A

	10.60	11.20	11.80	12.40	13.00

QUANTITY OF MILK, GRADE	15035.00	16915.00	18795.00	20675.00	22555.00
	* -12549.77	* -3528.77	* 5492.23	* 14513.23	* 23534.23
	* 7378.23	* 17527.23	* 27676.23	* 37825.23	* 47974.23
	* 27306.23	* 38583.23	* 49860.23	* 61137.23	* 72414.23
	* 47234.23	* 59639.23	* 72044.23	* 84449.23	* 96854.23
	* 67162.23	* 80695.23	* 94228.23	* 107761.23	* 121294.23
	*				

INCOME ABOVE ALL COSTS

WHEN THE PRICE OF MILK, GRADE A RANGES FROM 10.60 TO 13.00
 AND THE QUANTITY OF MILK, GRADE A RANGES FROM 15035.00 TO 22555.00

PRICE OF MILK, GRADE A

	10.60	11.20	11.80	12.40	13.00

QUANTITY OF MILK, GRADE	15035.00	16915.00	18795.00	20675.00	22555.00
	* -64613.46	* -55592.46	* -46571.46	* -37550.46	* -28529.46
	* -44685.46	* -34536.46	* -24387.46	* -14238.46	* -4089.46
	* -24757.46	* -13480.46	* -2203.46	* 9073.54	* 20350.54
	* -4829.46	* 7575.54	* 19980.54	* 32385.54	* 44790.54
	* 15098.54	* 28631.54	* 42164.54	* 55697.54	* 69230.54
	*				

REPLACEMENT COST = FRESH COW COST - CULL COW INCOME * REPLACEMENT RATE
 PRODUCTION = 15000 LBS. 3.5% FCM
 1 FLAT BARN

UPDATED 9/12/80

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 468
 COMMERCIAL DAIRY PRODUCTION IN THE NORTH VALLEY PRODUCTION AREA 1979-80
 125 COW HERD 15,036 LBS/HD AVE. ANNUAL PRODUCTION
 21.5% TURNOVER RATE

INCOME ABOVE VARIABLE COSTS		RANGES FROM		47.05 TO	57.45	
WHEN THE PRICE OF CALVES, BULL		RANGES FROM		50.00 TO	74.00	
AND THE QUANTITY OF CALVES, BULL		RANGES FROM				
PRICE OF CALVES, BULL		RANGES FROM				
		47.05	49.65	52.25	54.85	57.45

QUANTITY OF CALVES, BUL	50.00	51869.46	51999.46	52129.46	52259.46	52389.46
	56.00	52151.76	52297.36	52442.96	52588.56	52734.16
	62.00	52434.06	52595.26	52756.46	52917.66	53078.86
	68.00	52716.36	52893.16	53069.96	53246.76	53423.56
	74.00	52998.66	53191.06	53383.46	53575.86	53768.26

INCOME ABOVE ALL CASH COSTS		RANGES FROM		47.05 TO	57.45	
WHEN THE PRICE OF CALVES, BULL		RANGES FROM		50.00 TO	74.00	
AND THE QUANTITY OF CALVES, BULL		RANGES FROM				
PRICE OF CALVES, BULL		RANGES FROM				
		47.05	49.65	52.25	54.85	57.45

QUANTITY OF CALVES, BUL	50.00	48973.23	49103.23	49233.23	49363.23	49493.23
	56.00	49255.53	49401.13	49546.73	49692.33	49837.93
	62.00	49537.83	49699.03	49860.23	50021.43	50182.63
	68.00	49820.13	49996.93	50173.73	50350.53	50527.33
	74.00	50102.43	50294.83	50487.23	50679.63	50872.03

INCOME ABOVE ALL COSTS		RANGES FROM		47.05 TO	57.45	
WHEN THE PRICE OF CALVES, BULL		RANGES FROM		50.00 TO	74.00	
AND THE QUANTITY OF CALVES, BULL		RANGES FROM				
PRICE OF CALVES, BULL		RANGES FROM				
		47.05	49.65	52.25	54.85	57.45

QUANTITY OF CALVES, BUL	50.00	-3090.46	-2960.46	-2830.46	-2700.46	-2570.46
	56.00	-2808.16	-2662.56	-2516.96	-2371.36	-2225.76
	62.00	-2525.86	-2364.66	-2203.46	-2042.26	-1881.06
	68.00	-2243.56	-2066.76	-1889.96	-1713.16	-1536.36
	74.00	-1961.26	-1768.86	-1576.46	-1384.06	-1191.66

REPLACEMENT COST = FRESH COW COST - CULL COW INCOME ÷ REPLACEMENT RATE
 PRODUCTION = 15000 LBS. 3.5% FCM
 1 FLAT BARN

UPDATED 9/12/80

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 468
 COMMERCIAL DAIRY PRODUCTION IN THE NORTH VALLEY PRODUCTION AREA 1979-80
 125 COW HERD 15,036 LBS/HD AVE. ANNUAL PRODUCTION
 21.5% TURNOVER RATE

INCOME ABOVE VARIABLE COSTS

WHEN THE PRICE OF CALVES, HEIFER RANGES FROM 93.77 TO 114.57
 AND THE QUANTITY OF CALVES, HEIFER RANGES FROM 50.00 TO 74.00

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	93.77	98.97	104.17	109.37	114.57
50.00	50986.42	51246.42	51506.42	51766.42	52026.42
56.00	51549.04	51840.24	52131.44	52422.64	52713.84
62.00	52111.66	52434.06	52756.46	53078.86	53401.26
68.00	52674.28	53027.88	53381.48	53735.08	54088.68
74.00	53236.90	53621.70	54006.50	54391.30	54776.10

INCOME ABOVE ALL CASH COSTS

WHEN THE PRICE OF CALVES, HEIFER RANGES FROM 93.77 TO 114.57
 AND THE QUANTITY OF CALVES, HEIFER RANGES FROM 50.00 TO 74.00

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	93.77	98.97	104.17	109.37	114.57
50.00	48090.19	48350.19	48610.19	48870.19	49130.19
56.00	48652.81	48944.01	49235.21	49526.41	49817.61
62.00	49215.43	49537.83	49860.23	50182.63	50505.03
68.00	49778.05	50131.65	50485.25	50838.85	51192.45
74.00	50340.67	50725.47	51110.27	51495.07	51879.87

INCOME ABOVE ALL COSTS

WHEN THE PRICE OF CALVES, HEIFER RANGES FROM 93.77 TO 114.57
 AND THE QUANTITY OF CALVES, HEIFER RANGES FROM 50.00 TO 74.00

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	93.77	98.97	104.17	109.37	114.57
50.00	-3973.50	-3713.50	-3453.50	-3193.50	-2933.50
56.00	-3410.88	-3119.68	-2828.48	-2537.28	-2246.08
62.00	-2848.26	-2525.86	-2203.46	-1881.06	-1558.66
68.00	-2285.64	-1932.04	-1578.44	-1224.84	-871.24
74.00	-1723.02	-1338.22	-953.42	-568.62	-183.82

REPLACEMENT COST = FRESH COW COST - CULL COW INCOME ÷ REPLACEMENT RATE
 PRODUCTION = 15000 LBS. 3.5% FCM
 1 FLAT BARN

UPDATED 9/12/80

STORED DATA PAGE (NO CALCULATIONS) FOR DAIRY ANIMALS

BUDGET RECORD NUMBER 468

COMMERCIAL DAIRY PRODUCTION IN THE NORTH VALLEY PRODUCTION AREA 1979-80
125 COW HERD 15,036 LBS/HD AVE. ANNUAL PRODUCTION
21.5% TURNOVER RATE

COSTS AND RETURNS WILL BE DIVIDED BY 18795.0 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	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	11.800	125.000	16.	91.	2.	0.
2 CALVES, BULL	6.00	5.00	5.00	5.00	5.00	5.00	6.00	5.00	5.00	5.00	5.00	5.00	52.250	1.000	1.	27.	2.	0.
3 CALVES, HEIFER	6.00	5.00	5.00	5.00	5.00	5.00	6.00	5.00	5.00	5.00	5.00	5.00	104.170	1.000	1.	29.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT																	
	PRICE																	
	NUMBER UNITS																	
	UNIT CODE																	
	ITEM CODE																	
	TYPE																	
	YEAR																	
10 PASTURE	0.00	0.00	0.91	3.13	0.67	2.63	0.46	2.42	0.47	1.30	0.04	0.00	1.000	125.000	1.	140.	3.	2.
11 DRY ROUGHAGE	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	88.290	125.000	3.	196.	3.	2.
12 WET ROUGHAGE	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	22.060	125.000	3.	197.	3.	2.
13 CONCENTRATES	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	143.950	125.000	3.	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	6.610	125.000	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	3.830	125.000	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	0.840	125.000	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	2.810	125.000	1.	331.	3.	0.
18 REPLACE. HEIFER	2.00	2.00	3.00	2.00	2.00	2.00	3.00	2.00	2.00	3.00	2.00	2.00	156.250	1.000	1.	33.	3.	0.
19 MANURE HAULING	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	2.880	125.000	1.	485.	3.	0.
20 TAXES & INS.	0.25	0.00	0.00	0.25	0.00	0.00	0.25	0.00	0.00	0.25	0.00	0.00	15.000	125.000	1.	439.	3.	0.
21 MARKETING	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	0.250	125.000	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	15.260	125.000	1.	400.	3.	0.

LINE	TIMES OVER																		# CREW POWER HACH TYPE YEAR					
																			LABOR UNIT CODE					
TRACTOR 50 HP	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	0.000	0.000	0.	3.	4.	0.
PICKUP 4X4	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	0.000	0.000	0.	14.	4.	0.
SELF-UNLOAD WAG#	75.00	75.00	75.00	75.00	75.00	75.00	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.	45.	4.	0.
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	75.00	75.00	75.00	75.00	75.00	75.00	0.000	0.000	3.	52.	4.	0.

LINE	EQUIPMENT REQUIREMENTS																		NUMBER UNITS	PROPORT OF COST	XXX EQUIP CODE	TYPE	XXXX	
43 FLUSH TANK																			1.000	1.000	0.	82.	5.	0.
44 FLUSH VALVE																			1.000	1.000	0.	83.	5.	0.
45 FLUSH PIPELINE																			1.000	1.000	0.	84.	5.	0.
46 LAGOON																			1.000	1.000	0.	85.	5.	0.
51 FLAT BARN-40/SDE																			1.000	1.000	0.	6.	5.	0.
52 MILKING UNIT																			8.000	1.000	0.	17.	5.	0.
53 2 1/2" SS PIPELM																			240.000	1.000	0.	19.	5.	0.
54 VACUUM LINE																			240.000	1.000	0.	21.	5.	0.
55 VACUUM PUMP																			1.000	1.000	0.	24.	5.	0.
56 MILK PUMP																			1.000	1.000	0.	25.	5.	0.
57 MILK RECEIVER																			1.000	1.000	0.	26.	5.	0.
58 WATER HEATER																			1.000	1.000	0.	27.	5.	0.
59 REFRIG BULK TANK																			1.000	1.000	0.	28.	5.	0.
60 SILO PIT																			1.000	1.000	0.	49.	5.	0.
61 BULK FEED TANK																			1.000	1.000	0.	50.	5.	0.
62 FD CNVYR ATR AUT																			1.000	1.000	0.	53.	5.	0.
63 FEED CONVEYOR																			240.000	1.000	0.	34.	5.	0.
64 DRYLOT CORRAL																			3.000	1.000	0.	62.	5.	0.
65 POLE BARN OPEN																			3.000	1.000	0.	64.	5.	0.
66 HACH SHED ENCL																			1.000	1.000	0.	68.	5.	0.
67 SHOP																			1.000	1.000	0.	69.	5.	0.
68 SHOP TOOLS																			1.000	1.000	0.	70.	5.	0.
69 WTR HOLDING TANK																			1.000	1.000	0.	73.	5.	0.
70 20 HP PUMP-WELL																			1.000	1.000	0.	75.	5.	0.

LINE	LIVESTOCK INVESTMENT																		NUMBER UNITS	PROPORT OF COST	XXX EQUIP CODE	TYPE	XXXX	
47 DAIRY COW																			125.000	1.000	0.	97.	5.	0.
DAIRY BULL																			2.000	1.000	0.	99.	5.	0.

LINE	2	3	4	5	6
LAND REQUIREMENTS	CHARGE METHOD	PAST NAME	NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE
71 FARMSTEAD	1.	150.	20.00	1200.00	12.00

ENTERPRISE 1-26 REGION/COUNTY 34 UNASSIGNED 00 INTEREST METHOD 2 UNASSIGNED 00
MACHINE COMP. 10 UNASSIGNED 21 EQUIPMENT SET 3 SALE NO./CYCLE LENGTH 1

REPLACEMENT COST = FRESH COW COST - CULL COW INCOME * REPLACEMENT RATE
 PRODUCTION = 15000 LBS. 3.5% FCM
 1-FLAT BARN

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

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

PARAMETER CHGS->13. 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:
$$= \frac{\text{average total hours per month}}{\text{total \# cows}}$$

(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:

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

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.