



MONTHLY SUMMARY OF RECEIPTS AND EXPENSES												
YEAR UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL RECEIPTS	1 DOL.	17954.	18118.	18118.	18118.	18003.	18118.	18069.	18118.	18003.	18118.	18118.
OPERATING INPUTS:												
PASTURE	1 DOL.	0.	330.	0.	1581.	0.	2556.	0.	2136.	0.	1585.	0.
DRY ROUGHAGE	1 DOL.	1959.	1959.	1959.	1959.	1959.	1959.	1959.	1959.	1959.	1959.	1959.
WET ROUGHAGE	1 DOL.	522.	522.	522.	522.	522.	522.	522.	522.	522.	522.	522.
CONCENTRATES	1 DOL.	3539.	3539.	3539.	3539.	3539.	3539.	3539.	3539.	3539.	3539.	3539.
MILKERS	1 DOL.	589.	589.	589.	589.	589.	589.	589.	589.	589.	589.	589.
HIRED LABOR	1 DOL.	305.	305.	305.	305.	305.	305.	305.	305.	305.	305.	305.
FAMILY MILKR.	1 DOL.	330.	330.	330.	330.	330.	330.	330.	330.	330.	330.	330.
FAMILY LABOR	1 DOL.	408.	408.	408.	408.	408.	408.	408.	408.	408.	408.	408.
REPLACE. HEIFER	1 DOL.	305.	458.	305.	458.	305.	458.	305.	458.	305.	458.	305.
TAXES & INS.	1 DOL.	495.	0.	0.	495.	0.	0.	495.	0.	0.	495.	0.
MARKETING	1 DOL.	563.	563.	563.	563.	563.	563.	563.	563.	563.	563.	563.
MISCL EXPENSE	1 DOL.	1505.	1505.	1505.	1505.	1505.	1505.	1505.	1505.	1505.	1505.	1505.
TRACTOR FUEL COST	1 DOL.	136.	136.	136.	136.	136.	136.	136.	136.	136.	136.	136.
TRACT REPAIR COST	1 DOL.	65.	65.	65.	65.	65.	65.	65.	65.	65.	65.	65.
TRACTOR LUBE COST	1 DOL.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.
MACHRY FUEL COST	1 DOL.	16.	16.	16.	16.	16.	16.	16.	16.	16.	16.	16.
MACHRY LUBE COST	1 DOL.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
MACH REPAIR COST	1 DOL.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
EQUIP REPAIR COST	1 DOL.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
MACHINERY LABOR	1 DOL.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.
INT. ON OPER CAP.	1 DOL.	115.	115.	115.	115.	115.	115.	115.	115.	115.	115.	115.

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

COST	1 DOL.	11107.	11095.	10613.	12841.	10613.	13322.	11107.	12901.	10613.	12845.	10613.	11630.
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LABOR USE SUMMARY													
MACHINERY LABOR	1 HOUR	56.	56.	56.	56.	56.	56.	56.	56.	56.	56.	56.	56.

LIVESTOCK INVESTMENT AND COST SUMMARY												
NAME	UNIT	SIZE	INVESTMENT			COST SUMMARY						
			PURCH PRICE	NO. IN BUDGET	TOTAL VALUE	DEPR.	INTEREST	INS/TAXES	TOTAL OWNERSHIP	FUEL & LUBE	REPAIRS	TOTAL OP COSTS
<b>INVESTMENT</b>												
BACKOUT-8 COW	HEAD	8.	35100.	1.0	35100.00	1263.60	2316.60	351.00	3931.20	0.00	21.06	21.06
MILKING UNIT	UNIT	1.	269.	4.0	1076.00	127.78	67.79	10.76	206.32	0.00	13.45	13.45
2 1/2" SS PIPELN	FEET	1.	8.	50.0	400.00	32.00	28.80	4.00	64.80	0.00	0.00	0.00
VACUUM LINE	FEET	1.	4.	50.0	200.00	16.00	14.40	2.00	32.40	0.00	0.00	0.00
VACUUM PUMP	H.P.	8.	3510.	1.0	3510.00	315.90	231.66	35.10	582.66	0.00	10.53	10.53
MILK PUMP	H.P.	2.	702.	1.0	702.00	63.18	46.33	7.02	116.53	0.00	2.11	2.11
MILK RECEIVER	UNIT	1.	1287.	1.0	1287.00	102.96	92.66	12.87	208.49	0.00	6.44	6.44
WATER HEATER	UNIT	1.	1170.	1.0	1170.00	81.90	91.26	11.70	184.86	0.00	3.51	3.51
REFRIG BULK TANK	GAL.	2000.	18720.	1.0	18720.00	1497.60	1347.84	187.20	3032.64	0.00	37.44	37.44
FD CNVYR MTR MAN	H.P.	2.	971.	1.0	971.00	87.39	64.09	9.71	161.19	0.00	9.71	9.71
FEED CONVEYOR	FEET	1.	18.	40.0	720.00	50.40	56.16	7.20	113.76	0.00	3.60	3.60
BULK FEED TANK	TON	30.	3364.	1.0	3364.00	134.56	242.21	33.64	410.41	0.00	1.68	1.68
SILLO PIT	UNIT	1.	11115.	1.0	11115.00	444.60	800.28	111.15	1356.03	0.00	0.00	0.00
HAYBARN W STANCH	SQFT	5400.	21060.	1.0	21060.00	596.70	1453.14	210.60	2260.44	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
<b>LIVESTOCK</b>												
DAIRY COW	HEAD	1.	1310.	115.	150650.00	0.00	18078.00	0.00	18078.00			
DAIRY BULL	HEAD	1.	2455.	3.	7365.00	1031.10	574.47	0.00	1605.57			
<b>MACHINERY</b>												
TRACTOR 40 HP			11400.00		11400.00	404.41	485.30	145.59	1035.30	1879.89	776.48	2656.37
PICKUP 1/2 TON			9000.00		9000.00	37.64	22.02	5.40	65.06	220.80	85.72	306.52
FRONT END LOADR*			2880.00		2880.00	9.32	5.50	1.56	16.37	0.15	7.65	7.80
AUGER WAGON			1440.00		1440.00	40.54	46.46	15.55	102.55	1.11	55.47	56.58
<b>LAND</b>												
FARMSTEAD	ACRE		1200.00	10.0	12000.00		1440.00	120.00	1560.00			
IRRIG PASTURE	ACRE		1000.00	140.0	140000.00		16800.00	1400.00	18200.00			
TOTALS					439079.00	6782.98	44631.61	2731.54	54146.13	2101.95	1039.79	3141.74

TOTAL PER CWT.					26.62537	0.4113	2.7064	0.1656	3.2834	0.1275	0.0631	0.1905
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8 COW BACKOUT BARN NO ATO'S  
 REPLACEMENT COST=(FRESH COW COST-CULL COW INCOME)\*REPLACEMENT RATE  
 DAIRY IS 150 ACRES OF OWNED LAND PASTURE IS MAIN FEED SUPPLEUPDATED 9/12/80

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 472  
 COMMERCIAL DAIRY PRODUCTION IN THE HUMBOLDT-DEL NORTE PROD. AREA 1979-80  
 115 COW HERD 14,340 LBS/HD AVE. ANNUAL PRODUCTION  
 25% REPLACEMENT RATE 3% MORTALITY RATE

FUEL USED IN GALLONS PER HOUR


TRACTOR 40 HP 2.400  
 PICKUP 1/2 TON 4.000

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 1/2 TON	0.133	
FRONT END LOADR*	0.132	TRACTOR 40 HP
AUGER WAGON	1.056	TRACTOR 40 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 40 HP	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	48.000	576.000	GAS
FRONT END LOADR*	7.920	7.920	7.920	7.920	7.920	7.920	7.920	7.920	7.920	7.920	7.920	7.920	95.040	GAS
AUGER WAGON	52.800	52.800	52.800	52.800	52.800	52.800	52.800	52.800	52.800	52.800	52.800	52.800	633.600	GAS
PICKUP 1/2 TON	13.333	13.333	13.333	13.333	13.333	13.333	13.333	13.333	13.333	13.333	13.333	13.333	160.000	GAS

 TOTALS 122.053 122.053 122.053 122.053 122.053 122.053 122.053 122.053 122.053 122.053 122.053 122.053 122.053 1464.640

GALLONS FUEL BY TYPE  
 1464.64 GAS  
 0.00 LP  
 0.00 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 BUDGET RECORD NUMBER 472  
 COMMERCIAL DAIRY PRODUCTION IN THE HUMBOLDT-DEL NORTE PROD. AREA 1979-80  
 115 COW HERD 14,340 LBS/HD AVE. ANNUAL PRODUCTION  
 25% REPLACEMENT RATE 3% MORTALITY RATE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
TRACTOR 40 HP		2 FEB	20.00	24.000	20.000	93.60	36.48
FRONT END LOADR*	2,	52 FEB	60.00	3.630	3.000	16.09	7.38
AUGER WAGON	2,	60 FEB	50.00	24.200	20.000	****	48.67
PICKUP 1/2 TON		13 FEB	****	4.000	3.333	25.54	5.42
TRACTOR 40 HP		2 MAR	20.00	24.000	20.000	93.60	36.48
FRONT END LOADR*	2,	52 MAR	60.00	3.630	3.000	16.09	7.38
AUGER WAGON	2,	60 MAR	50.00	24.200	20.000	****	48.67
PICKUP 1/2 TON		13 MAR	****	4.000	3.333	25.54	5.42
TRACTOR 40 HP		2 APR	20.00	24.000	20.000	93.60	36.48
FRONT END LOADR*	2,	52 APR	60.00	3.630	3.000	16.09	7.38
AUGER WAGON	2,	60 APR	50.00	24.200	20.000	****	48.67
PICKUP 1/2 TON		13 APR	****	4.000	3.333	25.54	5.42
TRACTOR 40 HP		2 MAY	20.00	24.000	20.000	93.60	36.48
FRONT END LOADR*	2,	52 MAY	60.00	3.630	3.000	16.09	7.38
AUGER WAGON	2,	60 MAY	50.00	24.200	20.000	****	48.67
PICKUP 1/2 TON		13 MAY	****	4.000	3.333	25.54	5.42
TRACTOR 40 HP		2 JUNE	20.00	24.000	20.000	93.60	36.48
FRONT END LOADR*	2,	52 JUNE	60.00	3.630	3.000	16.09	7.38
AUGER WAGON	2,	60 JUNE	50.00	24.200	20.000	****	48.67
PICKUP 1/2 TON		13 JUNE	****	4.000	3.333	25.54	5.42
TRACTOR 40 HP		2 JULY	20.00	24.000	20.000	93.60	36.48
FRONT END LOADR*	2,	52 JULY	60.00	3.630	3.000	16.09	7.38
AUGER WAGON	2,	60 JULY	50.00	24.200	20.000	****	48.67
PICKUP 1/2 TON		13 JULY	****	4.000	3.333	25.54	5.42
TRACTOR 40 HP		2 AUG	20.00	24.000	20.000	93.60	36.48
FRONT END LOADR*	2,	52 AUG	60.00	3.630	3.000	16.09	7.38
AUGER WAGON	2,	60 AUG	50.00	24.200	20.000	****	48.67
PICKUP 1/2 TON		13 AUG	****	4.000	3.333	25.54	5.42
TRACTOR 40 HP		2 SEPT	20.00	24.000	20.000	93.60	36.48
FRONT END LOADR*	2,	52 SEPT	60.00	3.630	3.000	16.09	7.38
AUGER WAGON	2,	60 SEPT	50.00	24.200	20.000	****	48.67
PICKUP 1/2 TON		13 SEPT	****	4.000	3.333	25.54	5.42
TRACTOR 40 HP		2 OCT	20.00	24.000	20.000	93.60	36.48
FRONT END LOADR*	2,	52 OCT	60.00	3.630	3.000	16.09	7.38
AUGER WAGON	2,	60 OCT	50.00	24.200	20.000	****	48.67
PICKUP 1/2 TON		13 OCT	****	4.000	3.333	25.54	5.42
TRACTOR 40 HP		2 NOV	20.00	24.000	20.000	93.60	36.48
FRONT END LOADR*	2,	52 NOV	60.00	3.630	3.000	16.09	7.38
AUGER WAGON	2,	60 NOV	50.00	24.200	20.000	****	48.67
PICKUP 1/2 TON		13 NOV	****	4.000	3.333	25.54	5.42
TRACTOR 40 HP		2 DEC	20.00	24.000	20.000	93.60	36.48
FRONT END LOADR*	2,	52 DEC	60.00	3.630	3.000	16.09	7.38
AUGER WAGON	2,	60 DEC	50.00	24.200	20.000	****	48.67
PICKUP 1/2 TON		13 DEC	****	4.000	3.333	25.54	5.42
TRACTOR 40 HP		2 JAN	20.00	24.000	20.000	93.60	36.48
FRONT END LOADR*	2,	52 JAN	60.00	3.630	3.000	16.09	7.38
AUGER WAGON	2,	60 JAN	50.00	24.200	20.000	****	48.67
PICKUP 1/2 TON		13 JAN	****	4.000	3.333	25.54	5.42

TOTALS

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8 COW BACKOUT BARN NO ATO'S

REPLACEMENT COST=(FRESH COW COST-CULL COW INCOME)\*REPLACEMENT RATE

DAIRY IS 150 ACRES OF OWNED LAND

PASTURE IS MAIN FEED SUPPLEUPDATED 9/12/80

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 472  
 COMMERCIAL DAIRY PRODUCTION IN THE HUMBOLDT-DEL NORTE PROD. AREA 1979-80  
 115 COW HERD 14,340 LBS/HD AVE. ANNUAL PRODUCTION  
 25% REPLACEMENT RATE 3% MORTALITY RATE

INCOME ABOVE VARIABLE COSTS  
 WHEN THE PRICE OF MILK, GRADE A RANGES FROM 11.29 TO 13.89  
 AND THE QUANTITY OF MILK, GRADE A RANGES FROM 13193.00 TO 19789.00

QUANTITY OF MILK, GRADE A	PRICE OF MILK, GRADE A				
	11.29	11.94	12.59	13.24	13.89
13193.00	18998.90	27574.35	36149.80	44725.25	53300.70
14842.00	37616.11	47263.41	56910.71	66558.01	76205.31
16491.00	56233.32	66952.47	77671.62	88390.77	99109.92
18140.00	74850.53	86641.53	98432.53	110223.53	122014.53
19789.00	93467.74	106330.59	119193.44	132056.29	144919.14

INCOME ABOVE ALL CASH COSTS  
 WHEN THE PRICE OF MILK, GRADE A RANGES FROM 11.29 TO 13.89  
 AND THE QUANTITY OF MILK, GRADE A RANGES FROM 13193.00 TO 19789.00

QUANTITY OF MILK, GRADE A	PRICE OF MILK, GRADE A				
	11.29	11.94	12.59	13.24	13.89
13193.00	16267.36	24842.81	33418.26	41993.71	50569.16
14842.00	34884.57	44531.87	54179.17	63826.47	73473.77
16491.00	53501.78	64220.93	74940.08	85659.23	96378.38
18140.00	72118.99	83909.99	95700.99	107491.99	119282.99
19789.00	90736.20	103599.05	116461.90	129324.75	142187.60

INCOME ABOVE ALL COSTS  
 WHEN THE PRICE OF MILK, GRADE A RANGES FROM 11.29 TO 13.89  
 AND THE QUANTITY OF MILK, GRADE A RANGES FROM 13193.00 TO 19789.00

QUANTITY OF MILK, GRADE A	PRICE OF MILK, GRADE A				
	11.29	11.94	12.59	13.24	13.89
13193.00	-35147.23	-26571.78	-17996.33	-9420.88	-845.43
14842.00	-16530.02	-6882.72	2764.58	12411.88	22059.18
16491.00	2087.19	12806.34	23525.49	34244.64	44963.79
18140.00	20704.40	32495.40	44286.40	56077.40	67868.40
19789.00	39321.61	52184.46	65047.31	77910.16	90773.01

8 COW BACKOUT BARN NO ATO'S  
 REPLACEMENT COST=(FRESH COW COST-CULL COW INCOME)\*REPLACEMENT RATE  
 DAIRY IS 150 ACRES OF OWNED LAND PASTURE IS RAIN FEED SUPPLEUPDATED 9/12/80

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 472  
 COMMERCIAL DAIRY PRODUCTION IN THE HURBOLDT-DEL NORTE PROD. AREA 1979-80  
 115 COW HERD 14,340 LBS/HD AVE. ANNUAL PRODUCTION  
 25% REPLACEMENT RATE 3% MORTALITY RATE

INCOME ABOVE VARIABLE COSTS  
 WHEN THE PRICE OF CALVES, BULL AND THE QUANTITY OF CALVES, BULL

	RANGES FROM	PRICE OF CALVES, BULL			
		43.96	46.41	48.86	51.31
46.00	76859.90	76972.60	77085.30	77198.00	77310.70
52.00	77123.66	77251.06	77378.46	77505.86	77633.26
58.00	77387.42	77529.52	77671.62	77813.72	77955.82
64.00	77651.18	77807.98	77964.78	78121.58	78278.38
70.00	77914.94	78086.44	78257.94	78429.44	78600.94

INCOME ABOVE ALL CASH COSTS  
 WHEN THE PRICE OF CALVES, BULL AND THE QUANTITY OF CALVES, BULL

	RANGES FROM	PRICE OF CALVES, BULL			
		43.96	46.41	48.86	51.31
46.00	74128.36	74241.06	74353.76	74466.46	74579.16
52.00	74392.12	74519.52	74646.92	74774.32	74901.72
58.00	74655.88	74797.98	74940.08	75082.18	75224.28
64.00	74919.64	75076.44	75233.24	75390.04	75546.84
70.00	75183.40	75354.90	75526.40	75697.90	75869.40

INCOME ABOVE ALL COSTS  
 WHEN THE PRICE OF CALVES, BULL AND THE QUANTITY OF CALVES, BULL

	RANGES FROM	PRICE OF CALVES, BULL			
		43.96	46.41	48.86	51.31
46.00	22713.77	22826.47	22939.17	23051.87	23164.57
52.00	22977.53	23104.93	23232.33	23359.73	23487.13
58.00	23241.29	23383.39	23525.49	23667.59	23809.69
64.00	23505.05	23661.85	23818.65	23975.45	24132.25
70.00	23768.81	23940.31	24111.81	24283.31	24454.81

8 COW BACKOUT BARN NO ATO'S  
 REPLACEMENT COST=(FRESH COW COST-CULL COW INCOME)\*REPLACEMENT RATE  
 DAIRY IS 150 ACRES OF OWNED LAND PASTURE IS MAIN FEED SUPPLEUPDATED 9/12/80

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 472  
 COMMERCIAL DAIRY PRODUCTION IN THE HUMBOLDT-DEL NORTE PROD. AREA 1979-80  
 115 COW HERD 14,340 LBS/HD AVE. ANNUAL PRODUCTION  
 25% REPLACEMENT RATE 3% MORTALITY RATE

INCOME ABOVE VARIABLE COSTS  
 WHEN THE PRICE OF CALVES, HEIFER AND THE QUANTITY OF CALVES, HEIFER

QUANTITY OF CALVES, HEI	RANGES FROM		102.89 TO	125.69	
	RANGES FROM		45.00 TO	69.00	
	PRICE OF CALVES, HEIFER				
	102.89	108.59	114.29	119.99	125.69
45.00	75787.14	76043.64	76300.14	76556.64	76813.14
51.00	76404.48	76695.18	76985.88	77276.58	77567.28
57.00	77021.82	77346.72	77671.62	77996.52	78321.42
63.00	77639.16	77998.26	78357.36	78716.46	79075.56
69.00	78256.50	78649.80	79043.10	79436.40	79829.70

INCOME ABOVE ALL CASH COSTS  
 WHEN THE PRICE OF CALVES, HEIFER AND THE QUANTITY OF CALVES, HEIFER

QUANTITY OF CALVES, HEI	RANGES FROM		102.89 TO	125.69	
	RANGES FROM		45.00 TO	69.00	
	PRICE OF CALVES, HEIFER				
	102.89	108.59	114.29	119.99	125.69
45.00	73055.60	73312.10	73568.60	73825.10	74081.60
51.00	73672.94	73963.64	74254.34	74545.04	74835.74
57.00	74290.28	74615.18	74940.08	75264.98	75589.88
63.00	74907.62	75266.72	75625.82	75984.92	76344.02
69.00	75524.96	75918.26	76311.56	76704.86	77098.16

INCOME ABOVE ALL COSTS  
 WHEN THE PRICE OF CALVES, HEIFER AND THE QUANTITY OF CALVES, HEIFER

QUANTITY OF CALVES, HEI	RANGES FROM		102.89 TO	125.69	
	RANGES FROM		45.00 TO	69.00	
	PRICE OF CALVES, HEIFER				
	102.89	108.59	114.29	119.99	125.69
45.00	21641.01	21897.51	22154.01	22410.51	22667.01
51.00	22258.35	22549.05	22839.75	23130.45	23421.15
57.00	22875.69	23200.59	23525.49	23850.39	24175.29
63.00	23493.03	23852.13	24211.23	24570.33	24929.43
69.00	24110.37	24503.67	24896.97	25290.27	25683.57

8 COW BACKOUT BARN NO ATO'S  
 REPLACEMENT COST=(FRESH COW COST-CULL COW INCOME)\*REPLACEMENT RATE  
 DAIRY IS 150 ACRES OF OWNED LAND PASTURE IS MAIN FEED SUPPLEUPDATED 9/12/80

STORED DATA PAGE (NO CALCULATIONS) FOR DAIRY ANIMALS

BUDGET RECORD NUMBER 472

COMMERCIAL DAIRY PRODUCTION IN THE HUMBOLDT-DEL NORTE PROD. AREA 1979-80  
115 COW HERD 14,340 LBS/HD AVE. ANNUAL PRODUCTION  
25% REPLACEMENT RATE 3% MORTALITY RATE

COSTS AND RETURNS WILL BE DIVIDED BY 16491.0 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
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	WEIGHT	UNIT	ITEM	TYPE	YEAR
1 MILK, GRADE A	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	12.590	115.000	16.	91.	2.	0.
2 CALVES, BULL	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	48.860	1.000	1.	27.	2.	0.
3 CALVES, HEIFER	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	114.290	1.000	1.	29.	2.	0.

OPERATING INPUTS	RATE/UNIT												PRICE	NUMBER	UNIT	ITEM	TYPE	YEAR
														UNITS	CODE	CODE		
10 PASTURE	0.00	2.87	0.00	13.75	0.00	22.23	0.00	18.57	0.00	13.78	0.00	7.52	1.000	115.000	1.	140.	3.	2.
11 DRY ROUGHAGE	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	81.110	115.000	3.	196.	3.	2.
12 WET ROUGHAGE	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	19.730	115.000	3.	197.	3.	2.
13 CONCENTRATES	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	161.980	115.000	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	5.120	115.000	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	2.650	115.000	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	2.870	115.000	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	3.550	115.000	1.	331.	3.	0.
18 REPLACE. HEIFER	2.00	3.00	2.00	3.00	2.00	3.00	2.00	3.00	2.00	3.00	2.00	3.00	152.580	1.000	1.	33.	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	17.210	115.000	1.	439.	3.	0.
21 MARKETING	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	0.410	115.000	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	13.090	115.000	1.	400.	3.	0.

MACHINERY REQUIREMENTS	TIMES OVER												R CREW	POWER	HACH	TYPE	YEAR	
													LABOR	UNIT	CODE			
38 TRACTOR 40 HP	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	0.000	0.000	0.	2.	4.	0.
39 FRONT END LOADR	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	0.000	0.000	2.	52.	4.	0.
40 AUGER WAGON	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	0.000	0.000	2.	60.	4.	0.
41 PICKUP 1/2 TON	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.	13.	4.	0.

COMPLEMENT REQUIREMENTS	NUMBER	PROPERT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 BACKOUT-8 COW	1.000	1.000	0.	7.	5.	0.
52 MILKING UNIT	4.000	1.000	0.	17.	5.	0.
53 2 1/2" SS PIPELN	50.000	1.000	0.	19.	5.	0.
54 VACUUM LINE	50.000	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 FD CONVR NTR MAN	1.000	1.000	0.	52.	5.	0.
61 FEED CONVEYOR	40.000	1.000	0.	54.	5.	0.
62 BULK FEED TANK	1.000	1.000	0.	51.	5.	0.
63 SILO PIT	1.000	1.000	0.	49.	5.	0.
64 HAYBARN W STANCH	1.000	1.000	0.	66.	5.	0.
65 20 HP PUMP-WELL	1.000	1.000	0.	75.	5.	0.

LIVESTOCK INVESTMENT	NUMBER	PROPERT	XXX	EQUIP	TYPE	XXXX
66 DAIRY COW	115.000	1.000	0.	97.	5.	0.
67 DAIRY BULL	3.000	1.000	0.	99.	5.	0.

LAND REQUIREMENTS	2	3	4	5	6
	CHARGE	PAST	NUMBER	VALUE OR	TAXES
	METHOD	NAME	OF ACRES	COST/ACRE	PER ACRE
71 FARMSTEAD	1.	150.	10.00	1200.00	0.00
72 IRRIG PASTURE	1.	144.	140.00	1000.00	0.00

ENTERPRISE 1-26 REGION/COUNTY 12 UNASSIGNED 00 INTEREST METHOD 2 UNASSIGNED 00  
MACHINE COMP. 10 UNASSIGNED 01 EQUIPMENT SET 3 SALE NO./CYCLE LENGTH 1

8 COW BACKOUT BARN NO ATO'S  
REPLACEMENT COST=(FRESH COW COST-CULL COW INCOME)\*REPLACEMENT RATE  
DAIRY IS 150 ACRES OF OWNED LAND PASTURE IS MAIN FEED SUPPLEUPDATED 9/12/80  
MACHINERY COMPLEMENT 10  
EQUIPMENT COMPLEMENT 3

LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
172 GREEN CHOP	196 DRY ROUGHAGE	197 WET ROUGHAGE	198 CONCENTRATES	339 FAMILY MILKR.
439 TAXES & INS.				

PARAMETER CHGS-->13.	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
		0.000000	16.	0.000000	26.	0.120000	6.	0.120000		

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.