

COMMERCIAL DAIRY PRODUCTION IN THE HUMBOLDT-DEL NORTE PROD AREA 1979
 115 COW HERD ANNUAL PRODUCTION 13,000 LBS/COW
 25% REPLACEMENT RATE 3% MORTALITY RATE

Dairy #472 Originals for 1979
 historical budget

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST	YOUR COST
1. GROSS RECEIPTS						
MILK, GRADE A	115.00	CWT.	11.430	130.000	170878.50	
DROP CALVES	1.00	HEAD	75.000	115.000	8625.00	
TOTAL GROSS INCOME PER CWT.					179503.50	12.0069
2. VARIABLE COSTS						
FEED COSTS						
HAY		TON	105.000	110.400	11592.00	
GREEN CHOP		TON	16.000	593.400	9494.40	
FEED MIX		TON	150.000	234.600	35190.00	
TOTAL FEED COST					56276.40	
OTHER COSTS						
MILKERS		NO.	1050.000	12.000	12600.00	
HIRED LABOR		NO.	800.000	12.000	9600.00	
REPLACE. HEIFER		HEAD	500.000	29.000	14500.00	
BREEDING FEES		HEAD	15.000	115.000	1725.00	
VET & MED.		HEAD	18.000	115.000	2070.00	
TESTING		HEAD	0.600	1380.000	828.00	
DUES-STATE, ASSC		HEAD	6.000	115.000	690.00	
CLIPPING		HEAD	2.000	115.000	230.00	
TRIMMING		HEAD	3.500	60.000	210.00	
UTILITIES		HEAD	21.000	115.000	2415.00	
INSUR PREMIUMS		HEAD	7.000	115.000	805.00	
MARKETING		CWT.	0.340	14904.000	5067.36	
TRACTORS (FUEL-LUBE-REP)		DOL.			2146.51	
MACHINERY (FUEL-LUBE-REP)		DOL.			357.83	
EQUIPMENT (FUEL-LUBE-REP)		DOL.			97.77	
LABOR: TRACTOR & MACHINERY		HRS.	3.500	803.04	2810.64	
INTEREST ON OPER. CAP.		DOL.	0.119	9369.13	1114.93	
TOTAL VARIABLE COSTS					113544.43	7.5949
VAR. COST PER CWT.						
3. INCOME ABOVE OPERATING COSTS						
INCOME PER CWT.					65959.07	4.4120
4. CASH OVERHEAD						
REAL PROPERTY TAXES					2441.57	
CAPITAL LIVESTOCK TAXES					215.35	
MISC. OFFICE & BOOKKEEPING (2.5% OF VARIABLE COSTS)					2838.61	
TOTAL CASH OVERHEAD					5495.54	
5. INCOME ABOVE CASH COSTS						
INCOME PER CWT.					60463.54	4.0444
6. FIXED COSTS						
CAPITAL & INTEREST						
INT. ON LIVESTOCK CAPITAL		DOL.	0.119	94925.00	11296.08	
INT. ON EQUIPMENT CAPITAL		DOL.	0.119	52922.50	6297.78	
INT. ON MACHINERY CAPITAL		DOL.	0.119	5123.85	609.74	
INT. ON FARMSTEAD		DOL.	0.100	12000.00	1200.00	
INT. ON IRRIG PASTURE		DOL.	0.100	140000.00	14000.00	
TOTAL INTEREST					33403.59	
DEPRECIATION						
DEPR. ON LIVESTOCK		DOL.			630.00	
DEPR. ON EQUIPMENT		DOL.			4613.85	
DEPR. ON MACHINERY		DOL.			589.20	
TOTAL DEPRECIATION					5833.05	
TOTAL FIXED COSTS					39236.64	
FIXED COSTS PER CWT.					2.6245	
7. TOTAL COSTS						
TOTAL COST PER CWT.					158276.61	10.5871
8. NET RETURNS						
NET RETURNS PER CWT.					21226.89	1.4199

Historical File - 1979

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 06/27/79

UC Cooperative Extension

BUDGET IDENTIFICATION NO. 19112002001001 3
 DATE PRINTED: 06/27/79 SALE MONTH: 1
 BRN NO. 472
 PRODUCTION UNIT 14950.0 CWT.

COMMERCIAL DAIRY PRODUCTION IN THE HUMBOLDT-DEL NORTE PROD AREA 1979
 115 COW HERD ANNUAL PRODUCTION 13,000 LBS/COW
 25% REPLACEMENT RATE 3% MORTALITY RATE

MONTHLY SUMMARY OF RECEIPTS AND EXPENSES

YEAR UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTAL RECEIPTS	1 DOL. 14871.06	14946.06	14871.06	14946.06	14871.06	15077.51	15002.51	15077.51	15002.51	14946.06	14946.06	14946.06	179503.50
OPERATING INPUTS:													
HAY	1 DOL. 966.00	966.00	966.00	966.00	966.00	966.00	966.00	966.00	966.00	966.00	966.00	966.00	11592.00
GREEN CHOP	1 DOL. 791.20	791.20	791.20	791.20	791.20	791.20	791.20	791.20	791.20	791.20	791.20	791.20	9494.40
FEED MIX	1 DOL. 2932.50	2932.50	2932.50	2932.50	2932.50	2932.50	2932.50	2932.50	2932.50	2932.50	2932.50	2932.50	35190.00
MILKERS	1 DOL. 1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	12600.00
HIRED LABOR	1 DOL. 800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	9600.00
REPLACE HEIFER	1 DOL. 1000.00	1000.00	1500.00	1000.00	1500.00	1000.00	1500.00	1000.00	1500.00	1000.00	1500.00	1000.00	14500.00
BREEDING FEES	1 DOL. 143.18	143.18	144.90	143.18	144.90	143.18	144.90	143.18	144.90	143.18	143.18	143.18	1725.00
VET & MED.	1 DOL. 171.81	171.81	173.88	171.81	173.88	171.81	173.88	171.81	173.88	171.81	171.81	171.81	2070.00
TESTING	1 DOL. 69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	828.00
DUES-STATE, ASSC	1 DOL. 0.00	0.00	345.00	0.00	0.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00	690.00
CLIPPING	1 DOL. 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	230.00	0.00	0.00	230.00
TRIMMING	1 DOL. 0.00	0.00	0.00	0.00	105.00	0.00	0.00	0.00	0.00	0.00	105.00	0.00	210.00
UTILITIES	1 DOL. 200.45	202.86	200.45	202.86	200.45	202.86	200.45	202.86	200.45	200.45	200.45	200.45	2415.00
INSUR PREMIUMS	1 DOL. 0.00	0.00	0.00	402.50	0.00	0.00	0.00	0.00	0.00	402.50	0.00	0.00	805.00
MARKETING	1 DOL. 422.28	422.28	422.28	422.28	422.28	422.28	422.28	422.28	422.28	422.28	422.28	422.28	5067.36
TRACTOR FUEL COST	1 DOL. 98.84	98.84	98.84	98.84	98.84	98.84	98.84	98.84	98.84	98.84	98.84	98.84	1186.10
TRACT REPAIR COST	1 DOL. 65.21	65.21	65.21	65.21	65.21	65.21	65.21	65.21	65.21	65.21	65.21	65.21	782.50
TRACTOR LUBE COST	1 DOL. 14.83	14.83	14.83	14.83	14.83	14.83	14.83	14.83	14.83	14.83	14.83	14.83	177.91
MACHRY FUEL COST	1 DOL. 9.60	9.60	9.60	9.60	9.60	9.60	9.60	9.60	9.60	9.60	9.60	9.60	115.20
MACHRY LUBE COST	1 DOL. 1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	20.30
MACH REPAIR COST	1 DOL. 18.53	18.53	18.53	18.53	18.53	18.53	18.53	18.53	18.53	18.53	18.53	18.53	222.33
EQUIP REPAIR COST	1 DOL. 8.15	8.15	8.15	8.15	8.15	8.15	8.15	8.15	8.15	8.15	8.15	8.15	97.77
MACHINERY LABOR	1 DOL. 234.22	234.22	234.22	234.22	234.22	234.22	234.22	234.22	234.22	234.22	234.22	234.22	2810.64
ON OPER. CAP	1 DOL. 92.91	92.91	92.91	92.91	92.91	92.91	92.91	92.91	92.91	92.91	92.91	92.91	1114.93
COST	1 DOL. 9090.38	9092.80	9939.18	9495.30	9699.18	9092.80	9594.18	9092.80	9939.18	9722.88	9695.38	9090.38	113544.43

LABOR USE SUMMARY

MACHINERY LABOR	1 HOUR	66.92	66.92	66.92	66.92	66.92	66.92	66.92	66.92	66.92	66.92	66.92	803.04
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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
EQUIPMENT												
BACKOUT-B COW	HEAD	8.00	3000.00	1.00	3000.00	1080.00	1963.50	300.00	3343.50	0.00	18.00	18.00
MILKING UNIT	UNIT	1.00	230.00	4.00	920.00	109.25	57.48	9.20	175.93	0.00	11.50	11.50
2 1/2" SS PIPELN	FEET	1.00	6.85	50.00	342.50	27.40	24.45	3.43	55.28	0.00	0.00	0.00
VACUUM LINE	FEET	1.00	3.20	50.00	160.00	12.80	11.42	1.60	25.82	0.00	0.00	0.00
VACUUM PUMP	H.P.	7.50	3000.00	1.00	3000.00	270.00	196.35	30.00	496.35	0.00	9.00	9.00
MILK PUMP	H.P.	2.00	600.00	1.00	600.00	54.00	39.27	6.00	99.27	0.00	1.80	1.80
MILK RECEIVER	UNIT	1.00	1100.00	1.00	1100.00	88.00	78.54	11.00	177.54	0.00	5.50	5.50
WATER HEATER	UNIT	1.00	1000.00	1.00	1000.00	70.00	77.35	10.00	157.35	0.00	3.00	3.00
REFRIG BULK TANK	GAL.	2000.00	16000.00	1.00	16000.00	1280.00	1142.40	160.00	2582.40	0.00	32.00	32.00
FD CNVTR MTR MAN	H.P.	2.00	830.00	1.00	830.00	74.70	54.32	8.30	137.32	0.00	8.30	8.30
FEED CONVEYOR	FEET	1.00	15.00	40.00	600.00	42.00	46.41	6.00	94.41	0.00	3.00	3.00
BULK FEED TANK	TON	30.00	2875.00	1.00	2875.00	115.00	205.27	28.75	349.03	0.00	1.44	1.44
SILO PIT	UNIT	1.00	12500.00	1.00	12500.00	500.00	892.50	125.00	1517.50	0.00	0.00	0.00
HAYBARN W STANCH	SQFT	5400.00	18000.00	1.00	18000.00	510.00	1231.65	180.00	1921.65	0.00	0.00	0.00
20 HP PUMP-WELL	H.P.	20.00	4230.00	1.00	4230.00	380.70	276.85	42.30	699.85	0.00	4.23	4.23
LIVESTOCK												
DAIRY COW	HEAD	1.00	800.00	115.00	92000.00	0.00	10948.00	209.88	11157.88			
DAIRY BULL	HEAD	1.00	1500.00	3.00	4500.00	630.00	348.08	5.48	983.55			
MACHINERY												
TRACTOR 40 HP			9500.00		9500.00	356.24	423.94	57.00	837.19	1192.32	684.00	1876.32
TRACTOR 50 HP			11700.00		11700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRACTOR 75 HP			14500.00		14500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PICKUP 1/2 TON			7500.00		7500.00	31.37	18.20	2.00	51.57	132.48	71.43	203.91
PICKUP 4X4			12000.00		12000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FRONT END LOADR*			2400.00		2400.00	116.51	68.15	8.64	193.31	2.09	104.67	106.76
AUGER WAGON			1200.00		1200.00	33.78	38.39	5.76	77.94	0.92	46.23	47.15
LAND												
FARMSTEAD	ACRE		1200.00	10.00	12000.00		1200.00	120.00	1320.00			
IRRIG PASTURE	ACRE		1000.00	140.00	140000.00		14000.00	1400.00	15400.00			
TOTALS					399457.50	5781.75	33342.54	2730.33	41854.62	1327.82	1004.09	2331.91
TOTAL PER CWT.					26.71957	0.3867	2.2303	0.1826	2.7996	0.0888	0.0672	0.1560

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 06/27/79

COMMERCIAL DAIRY PRODUCTION IN THE HUMBOLDT-DEL NORTE PROD AREA 1979
 115 COW HERD ANNUAL PRODUCTION 13,000 LBS/COW
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COSTS AND RETURNS WILL BE
 DIVIDED BY 14950.0 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	10.80	10.80	10.80	10.80	10.80	10.90	10.90	10.90	10.90	10.80	10.80	10.80	11.430	115.000	16.	91.	2.	0.
2 DROP CALVES	9.00	10.00	9.00	10.00	9.00	10.00	9.00	10.00	9.00	10.00	10.00	10.00	75.000	1.000	1.	35.	2.	0.
OPERATING INPUTS																		
RATE/UNIT																		
PRICE																		
NUMBER																		
UNIT																		
ITEM																		
TYPE																		
YEAR																		
11 HAY	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08105.000	115.000	3.	176.	3.	2.
12 GREEN CHOP	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	16.000	115.000	3.	172.	3.	2.
13 FEED MIX	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	150.000	115.000	3.	110.	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	1.00*****	1.000	40.	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	1.00800.000	1.000	40.	332.	3.	0.
16 REPLACE. HEIFER	2.00	2.00	3.00	2.00	3.00	2.00	3.00	2.00	3.00	2.00	3.00	3.00	2.00500.000	1.000	1.	33.	3.	0.
17 BREEDING FEES	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	15.000	115.000	1.	413.	3.	0.
18 VET & MED.	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	18.000	115.000	1.	416.	3.	0.
19 TESTING	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.600	115.000	1.	407.	3.	0.
20 DUES-STATE, ASSC	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	6.000	115.000	1.	418.	3.	0.
21 CLIPPING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.000	115.000	1.	483.	3.	0.
22 TRIMMING	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.50	0.00	3.500	60.000	1.	484.	3.	0.
23 UTILITIES	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	21.000	115.000	1.	460.	3.	0.
24 INSUR PREMIUMS	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	7.000	115.000	1.	450.	3.	0.
25 MARKETING	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	0.340	115.000	16.	478.	3.	0.
MACHINERY REQUIREMENTS																		
TIMES OVER																		
# CREW																		
LABOR																		
POWER																		
MACH																		
UNIT																		
CODE																		
TYPE																		
YEAR																		
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.
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.
TUGGER 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.
EQUIPMENT REQUIREMENTS																		
NUMBER																		
UNITS																		
OF COST																		
XXX																		
EQUIP																		
CODE																		
TYPE																		
XXXX																		
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 CNVYR MTR 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																		
66 DAIRY COW													115.000	1.000	0.	97.	5.	0.
67 DAIRY BULL													3.000	1.000	0.	99.	5.	0.
LAND REQUIREMENTS																		
CHARGE																		
METHOD																		
PAST																		
NAME																		
NUMBER																		
OF ACRES																		
VALUE OR																		
COST/ACRE																		
TAXES																		
PER ACRE																		
71 FARMSTEAD	1.	150.			10.00			1200.00					0.00					
72 IRRIG PASTURE	1.	144.			140.00			1000.00					0.00					
8 COW BACKOUT BARN NO ATO'S																		
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DAIRY IS 150 ACRES OF OWNED LAND PASTURE IS MAIN FEED SUPPLEUPDATED 06/27/79																		
MACHINERY COMPLEMENT 10																		
EQUIPMENT COMPLEMENT 3																		
LINE CHANGE																		
GENERAL NAME CHANGE->172 GREEN CHOP																		
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UC Cooperative Extension																		
PARAMETER CHGS-->13.																		
RW CL																		
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LINE CHANGE
 GENERAL NAME CHANGE->172 GREEN CHOP
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Original for 1979 historical budget

BUDGET IDENTIFICATION NUMBER 19112002001001 3
HARVEST OR SALE MONTH 1

BUDGET RECORD NUMBER 472

COMMERCIAL DAIRY PRODUCTION IN THE HUMBOLDT-DEL NORTE PROD AREA 1979
115 COW HERD ANNUAL PRODUCTION 13,000 LBS/COW
25% REPLACEMENT RATE 3% MORTALITY RATE

COSTS AND RETURNS WILL BE
DIVIDED BY 14950.0 CWT.
TO OBTAIN PER CWT. COSTS

LINE PRODUCTION	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	PRICE	WEIGHT	15 UNIT CODE	16 ITEM CODE	17 TYPE	18 YEAR
NUMBER OF UNITS																		
1 MILK, GRADE A	10.80	10.80	10.80	10.80	10.80	10.90	10.90	10.90	10.90	10.80	10.80	10.80	11.430	115.000	16.	91.	2.	0.
2 DROP CALVES	9.00	10.00	9.00	10.00	9.00	10.00	9.00	10.00	9.00	10.00	10.00	10.00	75.000	1.000	1.	35.	2.	0.

OPERATING INPUTS	RATE/UNIT												PRICE	NUMBER UNITS	UNIT CODE	ITEM CODE	TYPE	YEAR
11 HAY	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08105.000	115.000	3.	176.	3.	2.
12 GREEN CHOP	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43 16.000	115.000	3.	172.	3.	2.
13 FEED MIX	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17150.000	115.000	3.	110.	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	1.00*****	1.000	40.	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	1.00800.000	1.000	40.	332.	3.	0.
16 REPLACE. HEIFER	2.00	2.00	3.00	2.00	3.00	2.00	3.00	2.00	3.00	2.00	3.00	2.00	2.00500.000	1.000	1.	33.	3.	0.
17 BREEDING FEES	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08 15.000	115.000	1.	413.	3.	0.
18 VET & MED.	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08 18.000	115.000	1.	416.	3.	0.
19 TESTING	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00 0.600	115.000	1.	407.	3.	0.
20 DUES-STATE, ASSC	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00 6.000	115.000	1.	418.	3.	0.
21 CLIPPING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00 2.000	115.000	1.	483.	3.	0.
22 TRIMMING	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00 3.500	60.000	1.	484.	3.	0.
23 UTILITIES	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08 21.000	115.000	1.	460.	3.	0.
24 INSUR PREMIUMS	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00 7.000	115.000	1.	450.	3.	0.
25 MARKETING	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	0.340	115.000	16.	478.	3.	0.

MACHINERY REQUIREMENTS	TIMES OVER												POWER LABOR	MACH UNIT	TYPE CODE	YEAR		
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 LOADER	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 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.

EQUIPMENT REQUIREMENTS	NUMBER UNITS	PROPORT OF COST	XXX EQUIP CODE	TYPE	XXXX
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 CNVYR MTR 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 UNITS	PROPORT OF COST	XXX EQUIP CODE	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	CHARGE METHOD	PAST NAME	NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE
71 FARMSTEAD	1.	150.	10.00	1200.00	0.00
72 IRRIG PASTURE	1.	144.	140.00	1000.00	0.00

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 06/27/79

MACHINERY COMPLEMENT 10
EQUIPMENT COMPLEMENT 3

GENERAL NAME CHANGE-->172	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
GREEN CHOP					
PARAMETER CHGS-->13.	RW CL	VALUE	RW CL	VALUE	RW CL
		0.000000			

Dairy Budget Basic Assumptions

1. Feed rates are based on a mature holstein cow, weighing 1400 lbs, that can be fed up to 45 lbs of dry matter (DM) per day.
2. The annual production of this cow is between 12-17,000 lbs of milk per year, depending on the area. This figure should be supplied by the farm advisor, or can be taken from the DHIA total herd averages. If a figure is not obtained by the aforementioned, then the Bureau of Milk Stabilization (BMS) figures will be used.
3. The blend price of milk will be used, obtained from BMS by dividing total receipts F.O.B. to the plant by # of cwts. shipped. All figures from BMS will be for 3.5% fat corrected milk (FCM).
4. Feed prices will be supplied by the farm advisor. Alternate sources available include the "Dairyman" magazine and the BMS.
5. The quantity and type of feed used can be based on one of the following methods:
 - a) farm advisor's recommendations
 - b) actual feeding practices, furnished by BMS
 - c) UC Dairy Extension's Maximum Income Above Feed Costs Ration.
6. Wages for milkers in Southern California are based on rates from the Dairy Employees Union, part of the Christian Labor Association. Wages in other areas are obtained from the farm advisor or BMS.
7. Hired labor rates for outside work etc., are also obtained from either the farm advisors or BMS.
8. The cost for replacement heifers is based on the following formula:
replacement cost = (purchase price of replacement-cull cow income) x replacement rate. This figure is equivalent to the accounting method of calculating depreciation of the herd \pm gain/loss on sale of cows.

9. Breeding fees are based on the dairyman acting as his own technician, with an average of 1-1/2-2 breedings/cow. Semen costs vary individually as well as regionally, so costs between \$3-\$10/ampule are normal. The price/ampule and # times of service should be specified by the farm advisor.
10. Veterinarian and medicine costs vary regionally, so these costs should be furnished by the farm advisor.
11. Manure hauling costs are based on a commercial corral cleaning average of \$2/ton manure removed. There is approximately 3.65 tons of manure (30% moisture) to be removed/cow/year, so the commercial hauling cost is just over \$7/cow/year.
12. Testing charges are based on an approximate charge of \$.51/cow/month + \$.12/cow/month for EDP. Herds are tested every month.
13. Cow clipping charges are \$1.50/cow, with one clipping in the fall for the total herd required by health regulations.
14. Hoof trimming charges are \$3.50/cow, with approximately 1/2 to 2/3 of the herd needing trimming during the year.
15. State and Association dues are assessed monthly, at a cost of approximately \$10/cow/year. This includes milk check assessments along with other dairy associations that the dairyman might belong.
16. Miscellaneous supplies cost approximately \$30/cow/year. This includes office equipment and supplies, as well as the typical dairy supplies (filters, liners, teat dip, etc.)
17. Personnel taxes include FICA, unemployment insurance, and workmens compensation.
18. Utilities vary with the type of barn, size of herd, # of times milking, etc. This charge will be based on per head figures obtained from BMS for twice a day milking.

19. Insurance premiums are paid once a year. This cost can be estimated by the farm advisor or a BMS standard can be used.
20. Marketing costs are based on the cwts. of milk shipped and the production area. These costs are obtained from BMS.
21. All other costs on the budget will be calculated by the generator, based on type of machinery and equipment used.