

CASH FLOW & INVESTMENT SUMMARY FOR DAIRY ANIMALS
 COMMERCIAL DAIRY PRODUCTION IN THE NORTH VALLEY PRODUCTION AREA 1979-80
 400 COW HERD 15,036 LBS/HD AVE. ANNUAL PRODUCTION
 21.5% TURNOVER RATE

BUDGET RECORD NUMBER 469

		MONTHLY SUMMARY OF RECEIPTS AND EXPENSES											
YEAR UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TOTAL RECEIPTS	1 DOL.	61801.	61644.	61801.	61801.	61644.	61801.	61801.	61644.	61801.	61801.	61644.	61801.
OPERATING INPUTS:													
PASTURE	1 DOL.	0.	0.	364.	1252.	268.	1052.	184.	968.	188.	520.	16.	0.
DRY ROUGHAGE	1 DOL.	9182.	9182.	9182.	9182.	9182.	9182.	9182.	9182.	9182.	9182.	9182.	9182.
WET ROUGHAGE	1 DOL.	4677.	4677.	4677.	4677.	4677.	4677.	4677.	4677.	4677.	4677.	4677.	4677.
CONCENTRATES	1 DOL.	16122.	16122.	16122.	16122.	16122.	16122.	16122.	16122.	16122.	16122.	16122.	16122.
MILKERS	1 DOL.	2644.	2644.	2644.	2644.	2644.	2644.	2644.	2644.	2644.	2644.	2644.	2644.
HIRE LABOR	1 DOL.	1532.	1532.	1532.	1532.	1532.	1532.	1532.	1532.	1532.	1532.	1532.	1532.
FAMILY MILKR	1 DOL.	336.	336.	336.	336.	336.	336.	336.	336.	336.	336.	336.	336.
FAMILY LABOR	1 DOL.	1124.	1124.	1124.	1124.	1124.	1124.	1124.	1124.	1124.	1124.	1124.	1124.
REPLACE. HEIFER	1 DOL.	625.	625.	469.	625.	469.	625.	469.	625.	469.	625.	469.	625.
MANURE HAULING	1 DOL.	0.	0.	1152.	0.	0.	0.	1152.	0.	0.	1152.	0.	0.
TAXES & INS.	1 DOL.	1500.	0.	0.	1500.	0.	0.	1500.	0.	0.	1500.	0.	0.
MARKETING	1 DOL.	1253.	1253.	1253.	1253.	1253.	1253.	1253.	1253.	1253.	1253.	1253.	1253.
MISCL EXPENSE	1 DOL.	6104.	6104.	6104.	6104.	6104.	6104.	6104.	6104.	6104.	6104.	6104.	6104.
TRACTOR FUEL COST	1 DOL.	319.	319.	319.	319.	319.	319.	319.	319.	319.	319.	319.	319.
TRACT REPAIR COST	1 DOL.	233.	233.	233.	233.	233.	233.	233.	233.	233.	233.	233.	233.
TRACTOR LUBE COST	1 DOL.	48.	48.	48.	48.	48.	48.	48.	48.	48.	48.	48.	48.
MACHRY FUEL COST	1 DOL.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.
MACHRY LUBE COST	1 DOL.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
MACH REPAIR COST	1 DOL.	54.	54.	54.	54.	54.	54.	54.	54.	54.	54.	54.	54.
EQUIP REPAIR COST	1 DOL.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.
MACHINERY LABOR	1 DOL.	586.	586.	586.	586.	586.	586.	586.	586.	586.	586.	586.	586.
INT. ON OPER CAP.	1 DOL.	460.	460.	460.	460.	460.	460.	460.	460.	460.	460.	460.	460.
*** TOTALS OF THE ABOVE ITEMS ARE LISTED IN THE VARIABLE COST SECTION ON THE REVERSE SIDE ***													
	1 DOL.	46839.	45339.	46699.	48091.	45451.	46391.	48019.	46307.	45371.	47359.	46351.	45339.

		LABOR USE SUMMARY											
YEAR UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MACHINERY LABOR	1 HOUR	156.	156.	156.	156.	156.	156.	156.	156.	156.	156.	156.	156.

		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													
FUEL TANK	GAL.	12000.	2644.	1.0	2644.00	237.96	174.50	26.44	438.90	0.00	2.64	2.64	
AUTO DETACHER	UNIT	1.	995.	10.0	9950.00	1119.38	656.70	99.50	1875.58	0.00	24.88	24.88	
REPLACE WASH UNT	UNIT	1.	70.	10.0	700.00	56.00	50.40	7.00	113.40	0.00	7.00	7.00	
OVERHEAD WASH LN	FEET	1.	14.	100.0	1400.00	112.00	100.80	14.00	226.80	0.00	0.00	0.00	
HORNE-DBL 5	SOFT	4950.	64350.	1.0	64350.00	2316.60	4247.10	643.50	7207.20	0.00	38.61	38.61	
MILKING UNIT	UNIT	1.	269.	10.0	2690.00	319.44	169.47	26.90	515.81	0.00	33.63	33.63	
2 1/2" SS PIPELN	FEET	1.	8.	110.0	880.00	70.40	63.36	8.80	142.56	0.00	0.00	0.00	
VACUUM LINE	FEET	1.	4.	110.0	440.00	35.20	31.68	4.40	71.28	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	92.64	12.87	208.49	0.00	6.44	6.44	
WATER HEATER	UNIT	1.	1170.	1.0	1170.00	81.90	91.24	11.70	184.86	0.00	3.51	3.51	
REFRIG BULK TANK	GAL.	3000.	22230.	1.0	22230.00	1778.40	1600.56	222.30	3601.26	0.00	44.46	44.46	
SILLO PIT	UNIT	1.	11115.	1.0	11115.00	444.60	800.28	111.15	1356.03	0.00	0.00	0.00	
BULK FEED TANK	TON	20.	2954.	1.0	2954.00	118.16	212.69	29.54	360.39	0.00	1.48	1.48	
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.	120.0	2160.00	151.20	168.48	21.60	341.28	0.00	10.80	10.80	
DRYLOT CORRAL	HEAD	100.	17316.	4.0	69264.00	2077.92	4571.42	692.64	7341.98	0.00	11.54	11.54	
POLE BARN OPEN	SOFT	1800.	5499.	4.0	21996.00	659.88	1451.74	219.96	2331.58	0.00	0.00	0.00	
MACH SHED ENCL	SOFT	450.	2750.	1.0	2750.00	61.88	181.50	27.50	270.88	0.00	0.00	0.00	
SHOP	SOFT	200.	1404.	1.0	1404.00	31.59	92.66	14.04	138.29	0.00	0.00	0.00	
SHOP TOOLS	UNIT	1.	1755.	1.0	1755.00	81.90	136.89	17.55	236.34	0.00	0.00	0.00	
WTR HOLDING TANK	GAL.	12000.	2644.	1.0	2644.00	105.76	190.37	26.44	322.57	0.00	1.32	1.32	
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	
LIVESTOCK													
DAIRY COW	HEAD	1.	1310.	400.	524000.00	0.00	62880.00	0.00	62880.00				
DAIRY BULL	HEAD	1.	2455.	3.	7365.00	1031.10	574.47	0.00	1605.57				
MACHINERY													
TRACTOR 50 HP			14040.00		14040.00	1458.47	1750.21	525.06	3733.73	4403.90	2800.31	7204.21	
PICKUP 4X4			14400.00		14400.00	60.22	35.24	8.44	104.10	237.36	137.15	374.51	
SELF-UNLOAD WAG*			3960.00		3960.00	313.70	240.49	69.80	623.98	9.52	476.00	485.52	
FRONT END LOADR*			2880.00		2880.00	36.51	21.53	6.09	64.13	0.60	29.96	30.56	
LAND													
FARMSTEAD	ACRE		1200.00	20.0	24000.00		2880.00	240.00	3120.00				
TOTALS					825695.00	13877.14	84210.09	3200.08	101287.32	4651.38	3668.36	8319.74	

TOTAL PER CWT. 13.72843 0.2307 1.4001 0.0532 1.6841 0.0773 0.0610 0.1383
 REPLACEMENT COST = FRESH COW COST - CULL COW INCOME * REPLACEMENT RATE
 PRODUCTION = 15000 LBS. 3.5% FCM
 DOUBLE 5 HERRINGBONE UTILIZING ATO'S

UPDATED 9/12/80

STORED DATA PAGE (NO CALCULATIONS) FOR DAIRY ANIMALS

BUDGET RECORD NUMBER 469

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

COSTS AND RETURNS WILL BE
 DIVIDED BY 60144.0 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
	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	400.000	16.	91.	2.	0.
2 CALVES, BULL	17.00	16.00	17.00	17.00	16.00	17.00	17.00	16.00	17.00	17.00	16.00	17.00	52.250	1.000	1.	27.	2.	0.
3 CALVES, HEIFER	17.00	16.00	17.00	17.00	16.00	17.00	17.00	16.00	17.00	17.00	16.00	17.00	104.170	1.000	1.	29.	2.	0.

OPERATING INPUTS	RATE/UNIT												PRICE	NUMBER	UNIT	ITEM	TYPE	YEAR
	UNITS													UNITS	CODE	CODE		
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	400.000	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	400.000	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	400.000	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	43.950	400.000	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	400.000	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	1.00	400.000	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	400.000	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	400.000	1.	331.	3.	0.
18 REPLACE. HEIFER	4.00	4.00	3.00	4.00	3.00	4.00	3.00	4.00	3.00	4.00	3.00	4.00	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	400.000	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	400.000	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	400.000	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	400.000	1.	400.	3.	0.

MACHINERY REQUIREMENTS	TIRES OVER												PRICE	NUMBER	POWER	RACH	TYPE	YEAR
	UNITS													LABOR	UNIT	CODE		
33 TRACTOR 50 HP	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	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 SELF-UNLOAD WAG#235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.000	0.000	3.	45.	4.	0.
41 FRONT END LOADR#235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235	0.000	0.000	3.	52.	4.	0.

EQUIPMENT REQUIREMENTS	NUMBER	PROPERT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
43 FLUSH TANK	1.000	1.000	0.	82.	5.	0.
44 AUTO DETACHER	10.000	1.000	0.	18.	5.	0.
45 INPLACE WASH UNT	10.000	1.000	0.	22.	5.	0.
46 OVERHEAD WASH LN	100.000	1.000	0.	23.	5.	0.
51 HBONE-DBL 5	1.000	1.000	0.	2.	5.	0.
52 MILKING UNIT	10.000	1.000	0.	17.	5.	0.
53 2 1/2" SS PIPELN	110.000	1.000	0.	19.	5.	0.
54 VACUUM LINE	110.000	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.	29.	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 CHVYR ATR AUT	1.000	1.000	0.	53.	5.	0.
63 FEED CONVEYOR	120.000	1.000	0.	54.	5.	0.
64 DRYLOT CORRAL	4.000	1.000	0.	62.	5.	0.
65 POLE BARN OPEN	4.000	1.000	0.	64.	5.	0.
66 RACH 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.

ESTOCK INVESTMENT	NUMBER	PROPERT	XXX	EQUIP	TYPE	XXXX
DAIRY COW	UNITS	OF COST		CODE		
48 DAIRY BULL	400.000	1.000	0.	97.	5.	0.
COLUMNS --->	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.	20.00	1200.00	12.00
ENTERPRISE 1-26 REGION/COUNTY 34 UNASSIGNED 00 INTEREST METHOD 2 UNASSIGNED 00					
MACHINE COOP. 10 UNASSIGNED 11 EQUIPMENT SET 3 SALE NO./CYCLE LENGTH 1					

REPLACEMENT COST = FRESH COW COST - CULL COW INCOME = REPLACEMENT RATE
 PRODUCTION = 15000 LBS. 3.5% FCR
 DOUBLE 5 HERRINGBONE UTILIZING ATO'S

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

LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE						
GENERAL NAME CHANGE->196	DRY ROUGHAGE	197	WET ROUGHAGE	198	CONCENTRATES	339	FAMILY MILKR	439	TAXES & INS.	
PARAMETER CHGS->13.	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE
198: default data		0.000000	16.	0.000000	26.	0.120000	6.	0.120000		

MACHINERY OPERATIONS SUMMARY

BUDGET RECORD NUMBER 469

COMMERCIAL DAIRY PRODUCTION IN THE NORTH VALLEY PRODUCTION AREA 1979-80

400 COW HERD 15,036 LBS/HD AVE. ANNUAL PRODUCTION

21.5% TURNOVER RATE

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	75.00	90.000	75.000	*****	*****
PICKUP 4X4		14 FEB	*****	4.000	3.333	31.21	8.68
SELF-UNLOAD WAG*	3,	45 FEB	*****	47.392	39.167	*****	*****
FRONT END LOADR*	3,	52 FEB	*****	14.218	11.750	58.57	34.38
TRACTOR 50 HP		3 MAR	75.00	90.000	75.000	*****	*****
PICKUP 4X4		14 MAR	*****	4.000	3.333	31.21	8.68
SELF-UNLOAD WAG*	3,	45 MAR	*****	47.392	39.167	*****	*****
FRONT END LOADR*	3,	52 MAR	*****	14.218	11.750	58.57	34.38
TRACTOR 50 HP		3 APR	75.00	90.000	75.000	*****	*****
PICKUP 4X4		14 APR	*****	4.000	3.333	31.21	8.68
SELF-UNLOAD WAG*	3,	45 APR	*****	47.392	39.167	*****	*****
FRONT END LOADR*	3,	52 APR	*****	14.218	11.750	58.57	34.38
TRACTOR 50 HP		3 MAY	75.00	90.000	75.000	*****	*****
PICKUP 4X4		14 MAY	*****	4.000	3.333	31.21	8.68
SELF-UNLOAD WAG*	3,	45 MAY	*****	47.392	39.167	*****	*****
FRONT END LOADR*	3,	52 MAY	*****	14.218	11.750	58.57	34.38
TRACTOR 50 HP		3 JUNE	75.00	90.000	75.000	*****	*****
PICKUP 4X4		14 JUNE	*****	4.000	3.333	31.21	8.68
SELF-UNLOAD WAG*	3,	45 JUNE	*****	47.392	39.167	*****	*****
FRONT END LOADR*	3,	52 JUNE	*****	14.218	11.750	58.57	34.38
TRACTOR 50 HP		3 JULY	75.00	90.000	75.000	*****	*****
PICKUP 4X4		14 JULY	*****	4.000	3.333	31.21	8.68
SELF-UNLOAD WAG*	3,	45 JULY	*****	47.392	39.167	*****	*****
FRONT END LOADR*	3,	52 JULY	*****	14.218	11.750	58.57	34.38
TRACTOR 50 HP		3 AUG	75.00	90.000	75.000	*****	*****
PICKUP 4X4		14 AUG	*****	4.000	3.333	31.21	8.68
SELF-UNLOAD WAG*	3,	45 AUG	*****	47.392	39.167	*****	*****
FRONT END LOADR*	3,	52 AUG	*****	14.218	11.750	58.57	34.38
TRACTOR 50 HP		3 SEPT	75.00	90.000	75.000	*****	*****
PICKUP 4X4		14 SEPT	*****	4.000	3.333	31.21	8.68
SELF-UNLOAD WAG*	3,	45 SEPT	*****	47.392	39.167	*****	*****
FRONT END LOADR*	3,	52 SEPT	*****	14.218	11.750	58.57	34.38
TRACTOR 50 HP		3 OCT	75.00	90.000	75.000	*****	*****
PICKUP 4X4		14 OCT	*****	4.000	3.333	31.21	8.68
SELF-UNLOAD WAG*	3,	45 OCT	*****	47.392	39.167	*****	*****
FRONT END LOADR*	3,	52 OCT	*****	14.218	11.750	58.57	34.38
TRACTOR 50 HP		3 NOV	75.00	90.000	75.000	*****	*****
PICKUP 4X4		14 NOV	*****	4.000	3.333	31.21	8.68
SELF-UNLOAD WAG*	3,	45 NOV	*****	47.392	39.167	*****	*****
FRONT END LOADR*	3,	52 NOV	*****	14.218	11.750	58.57	34.38
TRACTOR 50 HP		3 DEC	75.00	90.000	75.000	*****	*****
PICKUP 4X4		14 DEC	*****	4.000	3.333	31.21	8.68
SELF-UNLOAD WAG*	3,	45 DEC	*****	47.392	39.167	*****	*****
FRONT END LOADR*	3,	52 DEC	*****	14.218	11.750	58.57	34.38
TRACTOR 50 HP		3 JAN	75.00	90.000	75.000	*****	*****
PICKUP 4X4		14 JAN	*****	4.000	3.333	31.21	8.68
SELF-UNLOAD WAG*	3,	45 JAN	*****	47.392	39.167	*****	*****
FRONT END LOADR*	3,	52 JAN	*****	14.218	11.750	58.57	34.38

TOTALS

***** ***** ***** *****
 REPLACEMENT COST = FRESH COW COST - CULL COW INCOME * REPLACEMENT RATE
 PRODUCTION = 15000 LBS. 3.5% FCM
 DOUBLE 5 HERRINGBONE UTILIZING ATO'S

UPDATED 9/12/80

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 469
 COMMERCIAL DAIRY PRODUCTION IN THE NORTH VALLEY PRODUCTION AREA 1979-80
 400 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	180.000	180.000	180.000	180.000	180.000	180.000	180.000	180.000	180.000	180.000	180.000	180.000	2160.000	DIESEL
P 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
UNLOAD WAG*	103.400	103.400	103.400	103.400	103.400	103.400	103.400	103.400	103.400	103.400	103.400	103.400	1240.800	DIESEL
END LOADR*	31.020	31.020	31.020	31.020	31.020	31.020	31.020	31.020	31.020	31.020	31.020	31.020	372.240	DIESEL
TOTALS	328.753	328.753	328.753	328.753	328.753	328.753	328.753	328.753	328.753	328.753	328.753	328.753	3945.040	

GALLONS FUEL BY TYPE
 172.00 GAS
 0.00 LP
 3773.04 DIESEL
 1.00 N. GAS
 0.00 KWHRS

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

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 469
 COMMERCIAL DAIRY PRODUCTION IN THE NORTH VALLEY PRODUCTION AREA 1979-80
 400 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 48116.00 TO 72172.00

QUANTITY OF MILK, GRADE A	PRICE OF MILK, GRADE A				
	10.60	11.20	11.80	12.40	13.00
48116.00	* -16240.75	* 12628.85	* 41498.45	* 70368.05	* 99237.65
54130.00	* 47507.65	* 79985.65	* 112463.65	* 144941.65	* 177419.65
60144.00	* 111256.05	* 147342.45	* 183428.85	* 219515.25	* 255601.65
66158.00	* 175004.45	* 214699.25	* 254394.05	* 294088.85	* 333783.65
72172.00	* 238752.85	* 282056.05	* 325359.25	* 368662.45	* 411965.65

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 48116.00 TO 72172.00

QUANTITY OF MILK, GRADE A	PRICE OF MILK, GRADE A				
	10.60	11.20	11.80	12.40	13.00
48116.00	* -19440.84	* 9428.76	* 38298.36	* 67167.96	* 96037.56
54130.00	* 44307.56	* 76785.56	* 109263.56	* 141741.56	* 174219.56
60144.00	* 108055.96	* 144142.36	* 180228.76	* 216315.16	* 252401.56
66158.00	* 171804.36	* 211499.16	* 251193.96	* 290888.76	* 330583.56
72172.00	* 235552.76	* 278855.96	* 322159.16	* 365462.36	* 408765.56

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 48116.00 TO 72172.00

QUANTITY OF MILK, GRADE A	PRICE OF MILK, GRADE A				
	10.60	11.20	11.80	12.40	13.00
48116.00	* -117528.07	* -88658.47	* -59788.87	* -30919.27	* -2049.67
54130.00	* -53779.67	* -21301.67	* 11176.33	* 43654.33	* 76132.33
60144.00	* 9968.73	* 46055.13	* 82141.53	* 118227.93	* 154314.33
66158.00	* 73717.13	* 113411.93	* 153106.73	* 192801.53	* 232496.33
72172.00	* 137465.53	* 180768.73	* 224071.93	* 267375.13	* 310678.33

REPLACEMENT COST = FRESH COW COST - CULL COW INCOME * REPLACEMENT RATE
 PRODUCTION = 15000 LBS. 3.5% FCM
 DOUBLE 5 HERRINGBONE UTILIZING ATO'S

UPDATED 9/12/80

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 469
 COMMERCIAL DAIRY PRODUCTION IN THE NORTH VALLEY PRODUCTION AREA 1979-80
 400 COW HERD 15,036 LBS/HD AVE. ANNUAL PRODUCTION
 21.5% TURNOVER RATE

INCOME ABOVE VARIABLE COSTS

WHEN THE PRICE OF CALVES, BULL RANGES FROM 47.05 TO 57.45
 AND THE QUANTITY OF CALVES, BULL RANGES FROM 160.00 TO 240.00

QUANTITY OF CALVES, BUL	PRICE OF CALVES, BULL				
	47.05	49.65	52.25	54.85	57.45

160.00	180506.85	180922.85	181338.85	181754.85	182170.85
180.00	181447.85	181915.85	182383.85	182851.85	183319.85
200.00	182388.85	182908.85	183428.85	183948.85	184468.85
220.00	183329.85	183901.85	184473.85	185045.85	185617.85
240.00	184270.85	184894.85	185518.85	186142.85	186766.85

INCOME ABOVE ALL CASH COSTS

WHEN THE PRICE OF CALVES, BULL RANGES FROM 47.05 TO 57.45
 AND THE QUANTITY OF CALVES, BULL RANGES FROM 160.00 TO 240.00

QUANTITY OF CALVES, BUL	PRICE OF CALVES, BULL				
	47.05	49.65	52.25	54.85	57.45

160.00	177306.76	177722.76	178138.76	178554.76	178970.76
180.00	178247.76	178715.76	179183.76	179651.76	180119.76
200.00	179188.76	179708.76	180228.76	180748.76	181268.76
220.00	180129.76	180701.76	181273.76	181845.76	182417.76
240.00	181070.76	181694.76	182318.76	182942.76	183566.76

INCOME ABOVE ALL COSTS

WHEN THE PRICE OF CALVES, BULL RANGES FROM 47.05 TO 57.45
 AND THE QUANTITY OF CALVES, BULL RANGES FROM 160.00 TO 240.00

QUANTITY OF CALVES, BUL	PRICE OF CALVES, BULL				
	47.05	49.65	52.25	54.85	57.45

160.00	79219.53	79635.53	80051.53	80467.53	80883.53
180.00	80160.53	80628.53	81096.53	81564.53	82032.53
200.00	81101.53	81621.53	82141.53	82661.53	83181.53
220.00	82042.53	82614.53	83186.53	83758.53	84330.53
240.00	82983.53	83607.53	84231.53	84855.53	85479.53

REPLACEMENT COST = FRESH COW COST - CULL COW INCOME * REPLACEMENT RATE
 PRODUCTION = 15000 LBS. 3.5% FCM
 DOUBLE 5 HERRINGBONE UTILIZING ATO'S

UPDATED 9/12/80

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 469
 COMMERCIAL DAIRY PRODUCTION IN THE NORTH VALLEY PRODUCTION AREA 1979-80
 400 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 160.00 TO 240.00

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	93.77	98.97	104.17	109.37	114.57
160.00	177598.05	178430.05	179262.05	180094.05	180926.05
180.00	179473.45	180409.45	181345.45	182281.45	183217.45
200.00	181348.85	182388.85	183428.85	184468.85	185508.85
220.00	183224.25	184368.25	185512.25	186656.25	187800.25
240.00	185099.65	186347.65	187595.65	188843.65	190091.65

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 160.00 TO 240.00

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	93.77	98.97	104.17	109.37	114.57
160.00	174397.96	175229.96	176061.96	176893.96	177725.96
180.00	176273.36	177209.36	178145.36	179081.36	180017.36
200.00	178148.76	179188.76	180228.76	181268.76	182308.76
220.00	180024.16	181168.16	182312.16	183456.16	184600.16
240.00	181899.56	183147.56	184395.56	185643.56	186891.56

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 160.00 TO 240.00

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	93.77	98.97	104.17	109.37	114.57
160.00	76310.73	77142.73	77974.73	78806.73	79638.73
180.00	78186.13	79122.13	80058.13	80994.13	81930.13
200.00	80061.53	81101.53	82141.53	83181.53	84221.53
220.00	81936.93	83080.93	84224.93	85368.93	86512.93
240.00	83812.33	85060.33	86308.33	87556.33	88804.33

REPLACEMENT COST = FRESH COW COST - CULL COW INCOME ÷ REPLACEMENT RATE
 PRODUCTION = 15000 LBS. 3.5% FCM
 DOUBLE 5 HERRINGBONE UTILIZING ATO'S

UPDATED 9/12/80

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 \pm 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.

STORED DATA PAGE (NO CALCULATIONS) FOR DAIRY ANIMALS

BUDGET RECORD NUMBER 469

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

COSTS AND RETURNS WILL BE DIVIDED BY 60144.0 CHT. TO OBTAIN PER CMT. COSTS

LINE PRODUCTION	NUMBER OF UNITS												PRICE	WEIGHT	UNIT	ITEM	TYPE	YEAR	
	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC							
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	12.53	11.800	400.000	16.	91.	2.	0.
2 CALVES, BULL	17.00	16.00	17.00	17.00	16.00	17.00	17.00	16.00	17.00	17.00	16.00	17.00	17.00	52.250	1.000	1.	27.	2.	0.
3 CALVES, HEIFER	17.00	16.00	17.00	17.00	16.00	17.00	17.00	16.00	17.00	17.00	16.00	17.00	17.00	104.170	1.000	1.	29.	2.	0.

OPERATING INPUTS	RATE/UNIT												PRICE	NUMBER	UNIT	ITEM	TYPE	YEAR
	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC						
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	400.000	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	400.000	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	400.000	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	400.000	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	400.000	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	400.000	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	400.000	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	400.000	1.	331.	3.	0.
18 REPLACE HEIFER	4.00	4.00	3.00	4.00	3.00	4.00	3.00	4.00	3.00	4.00	3.00	4.00	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	0.00	1.00	2.880	400.000	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	400.000	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	400.000	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	400.000	1.	400.	3.	0.

MACHINERY REQUIREMENTS	TIMES OVER												A CREW	POWER	RACH	TYPE	YEAR		
	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC							
39 TRACTOR 50 HP	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	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	100.00	0.000	0.000	0.	14.	4.	0.
40 SELF-UNLOAD WAG#235	235.00	235.00	235.00	235.00	235.00	235.00	235.00	235.00	235.00	235.00	235.00	235.00	235.00	0.000	0.000	3.	45.	4.	0.
41 FRONT END LOADR#235	235.00	235.00	235.00	235.00	235.00	235.00	235.00	235.00	235.00	235.00	235.00	235.00	235.00	0.000	0.000	3.	52.	4.	0.

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
43 FLUSH TANK	1.000	1.000	0.	82.	5.	0.
44 AUTO DETACHER	10.000	1.000	0.	18.	5.	0.
45 INPLACE WASH UNT	10.000	1.000	0.	22.	5.	0.
46 OVERHEAD WASH LN	100.000	1.000	0.	23.	5.	0.
51 HBONE-DBL 5	1.000	1.000	0.	2.	5.	0.
52 MILKING UNIT	10.000	1.000	0.	17.	5.	0.
53 2 1/2" SS PIPELN	110.000	1.000	0.	19.	5.	0.
54 VACUUM LINE	110.000	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.	29.	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 MTR AUT	1.000	1.000	0.	53.	5.	0.
63 FEED CONVEYOR	120.000	1.000	0.	54.	5.	0.
64 DRYLOT CORRAL	4.000	1.000	0.	62.	5.	0.
65 POLE BARN OPEN	4.000	1.000	0.	64.	5.	0.
66 RACH 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 MTR HOLDING TANK	1.000	1.000	0.	73.	5.	0.
70 20 HP PUMP-WELL	1.000	1.000	0.	75.	5.	0.

STOCK INVESTMENT	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
DAIRY COW	400.000	1.000	0.	97.	5.	0.
48 DAIRY BULL	3.000	1.000	0.	99.	5.	0.

LAND REQUIREMENTS	2	3	4	5	6
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 11 EQUIPMENT SET 3 SALE NO./CYCLE LENGTH 1

REPLACEMENT COST = FRESH COW COST - CULL COW INCOME * REPLACEMENT RATE

PRODUCTION = 15000 LBS 3.5% FC? DOUBLE 5 HERRINGBONE UTILIZING ATO'S

MACHINERY COMPLEMENT 10 EQUIPMENT COMPLEMENT 5

UPDATED 9/12/80

LINE CHANGE	GENERAL NAME CHANGE	VALUE	RW CL	LINE CHANGE	GENERAL NAME CHANGE	VALUE	RW CL	LINE CHANGE	GENERAL NAME CHANGE	VALUE	RW CL	LINE CHANGE	GENERAL NAME CHANGE	VALUE	RW CL
196	DRY ROUGHAGE	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.

		MONTHLY SUMMARY OF RECEIPTS AND EXPENSES											
YEAR UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TOTAL RECEIPTS	1 DOL.	61801.	61644.	61801.	61801.	61644.	61801.	61801.	61644.	61801.	61801.	61644.	61801.
OPERATING INPUTS:													
PASTURE	1 DOL.	0.	0.	364.	1252.	268.	1052.	184.	968.	188.	520.	16.	0.
DRY ROUGHAGE	1 DOL.	9182.	9182.	9182.	9182.	9182.	9182.	9182.	9182.	9182.	9182.	9182.	9182.
WET ROUGHAGE	1 DOL.	4677.	4677.	4677.	4677.	4677.	4677.	4677.	4677.	4677.	4677.	4677.	4677.
CONCENTRATES	1 DOL.	16122.	16122.	16122.	16122.	16122.	16122.	16122.	16122.	16122.	16122.	16122.	16122.
MILKERS	1 DOL.	2644.	2644.	2644.	2644.	2644.	2644.	2644.	2644.	2644.	2644.	2644.	2644.
HIRE LABOR	1 DOL.	1532.	1532.	1532.	1532.	1532.	1532.	1532.	1532.	1532.	1532.	1532.	1532.
FAMILY MILK	1 DOL.	336.	336.	336.	336.	336.	336.	336.	336.	336.	336.	336.	336.
FAMILY LABOR	1 DOL.	1124.	1124.	1124.	1124.	1124.	1124.	1124.	1124.	1124.	1124.	1124.	1124.
REPLACE. HEIFER	1 DOL.	625.	625.	469.	625.	469.	625.	469.	625.	469.	625.	469.	625.
MANURE HAULING	1 DOL.	0.	0.	1152.	0.	0.	1152.	0.	0.	0.	1152.	0.	0.
TAXES & INS.	1 DOL.	1500.	0.	0.	1500.	0.	0.	1500.	0.	0.	1500.	0.	0.
MARKETING	1 DOL.	1253.	1253.	1253.	1253.	1253.	1253.	1253.	1253.	1253.	1253.	1253.	1253.
RISK EXPENSE	1 DOL.	6104.	6104.	6104.	6104.	6104.	6104.	6104.	6104.	6104.	6104.	6104.	6104.
TRACTOR FUEL COST	1 DOL.	319.	319.	319.	319.	319.	319.	319.	319.	319.	319.	319.	319.
TRACT REPAIR COST	1 DOL.	233.	233.	233.	233.	233.	233.	233.	233.	233.	233.	233.	233.
TRACTOR LUBE COST	1 DOL.	48.	48.	48.	48.	48.	48.	48.	48.	48.	48.	48.	48.
MACHRY FUEL COST	1 DOL.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.
MACHRY LUBE COST	1 DOL.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
MACH REPAIR COST	1 DOL.	54.	54.	54.	54.	54.	54.	54.	54.	54.	54.	54.	54.
EQUIP REPAIR COST	1 DOL.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.
MACHINERY LABOR	1 DOL.	586.	586.	586.	586.	586.	586.	586.	586.	586.	586.	586.	586.
INT. ON OPER CAP.	1 DOL.	460.	460.	460.	460.	460.	460.	460.	460.	460.	460.	460.	460.
*** TOTALS OF THE ABOVE ITEMS ARE LISTED IN THE VARIABLE COST SECTION ON THE REVERSE SIDE ***													
	1 DOL.	46839.	45339.	46699.	48091.	45451.	46391.	48019.	46307.	45371.	47359.	46351.	45339.

		LABOR USE SUMMARY											
MACHINERY LABOR	1 HOUR	156.	156.	156.	156.	156.	156.	156.	156.	156.	156.	156.	156.
LIVESTOCK INVESTMENT AND COST SUMMARY													

NAME	UNIT	SIZE	INVESTMENT		TOTAL VALUE	COST SUMMARY					TOTAL OP COSTS	
			PURCH PRICE	NO. IN BUDGET		DEPR.	INTEREST	INS/TAXES	TOTAL OWNERSHIP	FUEL & LUBE		REPAIRS
EQUIPMENT												
FLUSH TANK	GAL.	12000.	2644.	1.0	2644.00	237.96	174.50	26.44	438.90	0.00	2.64	2.64
AUTO DETACHER	UNIT	1.	995.	10.0	9950.00	1119.38	656.70	99.50	1875.58	0.00	24.88	24.88
REPLACE WASH UNT	UNIT	1.	70.	10.0	700.00	56.00	50.40	7.00	113.40	0.00	7.00	7.00
OVERHEAD WASH LN	FEET	14.	100.0	100.0	1400.00	112.00	100.80	14.00	226.80	0.00	0.00	0.00
HBONE-DBL 5	SQFT	4950.	64350.	1.0	64350.00	2316.60	4247.10	643.50	7207.20	0.00	38.61	38.61
MILKING UNIT	UNIT	1.	269.	10.0	2690.00	319.44	169.47	26.90	515.81	0.00	33.63	33.63
2 1/2" SS PIPELN	FEET	1.	8.	110.0	880.00	70.40	63.36	8.80	142.56	0.00	0.00	0.00
VACUUM LINE	FEET	4.	110.0	4.	440.00	35.20	31.68	4.40	71.28	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.	3000.	22230.	1.0	22230.00	1778.40	1600.56	222.30	3601.26	0.00	44.46	44.46
SILO PIT	UNIT	1.	11115.	1.0	11115.00	444.60	800.28	111.15	1356.03	0.00	0.00	0.00
BULK FEED TANK	TON	20.	2954.	1.0	2954.00	118.14	212.69	29.54	360.39	0.00	1.48	1.48
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.	120.0	2160.00	151.20	168.48	21.60	341.28	0.00	10.80	10.80
DRYLOT CORRAL	HEAD	100.	17316.	4.0	69264.00	2077.92	4571.42	692.64	7341.98	0.00	11.54	11.54
POLE BARN OPEN	SQFT	1800.	5499.	4.0	21996.00	659.88	1451.74	219.96	2331.58	0.00	0.00	0.00
MACH SHED ENCL	SQFT	450.	2750.	1.0	2750.00	61.88	181.50	27.50	270.88	0.00	0.00	0.00
SHOP	SQFT	200.	1404.	1.0	1404.00	31.59	92.66	14.04	138.29	0.00	0.00	0.00
SHOP TOOLS	UNIT	1.	1755.	1.0	1755.00	81.90	136.89	17.55	236.34	0.00	0.00	0.00
HOLDING TANK	GAL.	12000.	2644.	1.0	2644.00	105.76	190.37	26.44	322.57	0.00	1.32	1.32
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
LIVESTOCK												
DAIRY COW	HEAD	1.	1310.	400.	524000.00	0.00	62880.00	0.00	62880.00			
DAIRY BULL	HEAD	1.	2455.	3.	7365.00	1031.10	574.47	0.00	1605.57			
MACHINERY												
TRACTOR 50 HP			14040.00		14040.00	1458.47	1750.21	525.06	3733.73	4403.90	2800.31	7204.21
PICKUP 4X4			14400.00		14400.00	60.22	35.24	8.64	104.10	237.36	137.15	374.51
SELF-UNLOAD WAG*			3960.00		3960.00	313.70	240.49	69.80	623.98	9.52	476.00	485.52
FRONT END LOADR*			2880.00		2880.00	36.51	21.53	6.09	64.13	0.60	29.96	30.56
LAND												
FARASTEAD	ACRE		1200.00	20.0	24000.00		2880.00	240.00	3120.00			
TOTALS					825695.00	13877.14	84210.09	3200.08	101287.32	4651.38	3668.36	8319.74

TOTAL PER CWT. 13.72843 0.2307 1.4001 0.0532 1.6841 0.0773 0.0610 0.1383
 REPLACEMENT COST = FRESH COW COST - CULL COW INCOME * REPLACEMENT RATE
 PRODUCTION = 15000 LBS. 3.5Z FCM
 DOUBLE 5 HERRINGBONE UTILIZING ATO'S

UPDATED 9/12/80