

I A II B II C II D II E II F II G II H I
 11 DAIRY1.SCS MARKET MILK PRODUCTION IN SAN JOAQUIN COUNTY
 21 COST ANALYSIS WORK SHEET - 1986
 31

GRANVILLE HUTTON

1420 South Wilson Way
 71 Stockton, California 95205

Telephone
 (209) 944-3711

INPUT DATA

11A	B	C	D	E	F	G	H
121 *COWS		400			*WORKERS	4	
131 *MILK		17000			*WAGES	1500	*WASTE .05
141 *FAT		600			*HRDSMAN	0	*MLK/CWT 11.00
151					*WAGE	2000	*HAUL .40
161 *DAYS	*CORN SI	*ALFALFA	*CONCENT	*OWNER		1	*% CULL .28
171	305	45	10	25	*WAGE	1400	*% DIED .02
181	45		30				*INTERST .12
191	15		30	10			*BLDGS .50
201					*COST/COW/YEAR		FAT TES 3.53
211 SUB TOTAL		2882	641	1601	*BREEDNG	25	
221 SUB TOTAL		0	284	0	*DHIA	9	
231 SUB TOTAL		0	95	32	*VET-MED	40	
241					*SUPPLES	40	
251 TOTAL TONS		2882	1019	1633	*TAX-INS	15	
261 *\$/TON		24	90	130	*MANRE H	0	
271					*TRCTREQ	24	
281 *REPLCM\$		900	COST/COW		*MISC	60	
291 *CULLS\$		350	*BLDGS	1600			
301 NCALVES		400	*YR DEPR	25	*QUOTA	750	
311 *\$/CALF		90	*EQUIPM	400	*ACRES	20	
321			*YR DEPR	10	*LAND/AC	6000	

OUTPUT DATA

MARKET MILK PRODUCTION IN SAN JOAQUIN COUNTY
 COST ANALYSIS WORK SHEET - 1986

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 71 Stockton, California 95205

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471 GROSS RECEIPTS:	TOTAL	PER COW	PER CWT
481 Milk			
491 68000 cwt @ 11 -haul .40	720800	1802	10.60
501 Calves 400 @ 90	36000	90	.53
511			
521 TOTAL GROSS RECEIPTS	756800	1892	11.13
531			
541 * * * * *			

FEED COSTS

581 Corn S	2882 tons @	24	69174	173	1.02
591 Alfalf	1019 tons @	90	91665	229	1.35
601 Concen	1633 tons @	130	212258	531	3.12
611					
621 TOTAL FEED COSTS			373097	933	5.49

66	LABOR COSTS																
67	Milkers	4	@	1500		72000		180		1.06							
69	Herdsman	0	@	2000		0		0		.00							
70	Owner	1	@	1400		16800		42		.25							
71	TOTAL LABOR COSTS					88800		222		1.31							

74 *

75	OTHER COSTS																
78	Replacements					68800		172		1.01							
79	Breeding					10000		25		.15							
80	DHIA					3600		9		.05							
81	Veterinary-Medicine					16000		40		.24							
82	Supplies					16000		40		.24							
83	Taxes-Insurance					6000		15		.09							
84	Manure Haul					0		0		.00							
85	Tractor-Machinery-Equipment					9600		24		.14							
86	(fuel, lube, repairs)																
87	Miscellaneous: Business telephone,					24000		60		.35							
89	power, butane, repair, maintenance,																
90	clipping, trimming, incidental cash																
91	costs, interest on operating capital,																
92	dues and assessments.																
93	TOTAL OTHER COSTS					154000		385		2.26							

96 *

97	TOTAL CASH COSTS					615897		1540		9.06							
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99 *

100	DEPRECIATION																
101	Milking barn, freestall, manure pit, bulk																
102	tank, hay barn, silage pit, dry cow corral,																
103	maternity pens, well, tractors, pickup,																
104	self-unloading wagon, ship--Estimated																
105	Buildings -																
106	1600	25				25600		64		.38							
107	Equipment -																
108	400	10				16000		40		.24							
109	TOTAL DEPRECIATION					41600		104		.61							

112 *

114	INTEREST ON INVESTMENT-----									.12							
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116	LAND	Acres	Cost/A														
117		20	6000														
118	Total land cost--		120000	.12		14400		36		.21							
119	Building and equipment																
120	50% of	800000	@	.12		48000		120		.71							
121																	
122	Cow costs based upon---		625	per cow		30000		75		.44							
123	Quota - - - - based upon-		750	per cow		36000		90		.53							

126	TOTAL INTEREST ON INVESTMENT					128400		321		1.89							
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128 *

129	TOTAL ALL COSTS					785897		1965		11.56							
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130 *

1311 -
 1321 ANNUAL MILK PRODUCTION LEVEL TO BREAK EVEN WITH THE ABOVE PRICE OF MILK
 1331 AND ALL OTHER COSTS REMAINING THE SAME--- 17686 (LBS/COW/YR)
 1341
 1351 PRICE TO MILK TO BREAK EVEN WITH THE ABOVE PRODUCTION LEVEL AND ALL
 1361 COST REMAINING THE SAME (\$/CWT) 11.43

1371 MILK PRODUCTION COST INDEX
 1391 MAY-JUNE 1986

1401
 1411 FEED COST PER CWT.
 1421 *California 5.47
 1431 Hutton 5.49
 1441
 1451 LABOR COST PER CWT
 1461 *California 1.28
 1471 Hutton 1.31
 1481
 1491 TOTAL COSTS
 1501 *California 12.27
 1511 Hutton 11.56
 1521
 1531 FEED COSTS AS % OF TOTAL COSTS 47
 1541
 1551 LABOR COSTS AS % OF TOTAL COSTS 11
 1561
 1571 TOTAL OTHER COSTS AS % OF TOTAL COSTS 20
 1581
 1591 TOTAL CASH COSTS AS % OF TOTAL COSTS 78
 1601
 1611 DEPRECIATION COSTS AS % OF TOTAL COSTS 5
 1621
 1631 INTEREST COSTS AS % OF TOTAL COSTS 16

I I II J II K II L II M II N II O II P I
 1301 INCOME ABOVE ALL COSTS WHEN PRICE OF MILK RANGES FROM + OR - \$.50 CWT.,
 1311 THE YEARLY PRODUCTION PER COW VARIES + OR - 500 LBS. AND ALL OTHER
 1321 EXPENSES REMAIN THE SAME.

1331
 1341 YEARLY PRODUCTION - POUNDS OF MILK PER COW
 1351
 1361
 1371 16000 16500 17000 17500 18000
 1381
 1391 10.00 -135497 -116297 -97097 -77897 -58697
 1401
 1411 10.50 -103497 -83297 -63097 -42897 -22697
 1421
 1431 11.00 -71497 -50297 -29097 -7897 13304
 1441
 1451 11.50 -39497 -17297 4904 27104 49304
 1461
 1471 12.00 -7497 15704 38904 62104 85304