	PROJECT REPORT OF A LARGE	SCALE OF COW DAIRY FARM								
	Prepared	Ву								
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	Amount in Rs. (INR)									
A	Over	view								
	Name of the Proprietor	Black Moon Dairy Farm Pvt.Ltd								
	Address	57/3,Abirami Nager,II nd Street , T.Pet Road, Musiri - Taluk, Trichy - District , Tamil Nadu - State, INDIA. Pine Code - 621 211, Mobile & WhatsApp: +91 9786036041								
	Unit size (Cows)	400								
	Project Cost	530,000,000								
	Bank Loan / Private Lender / Join venture / Equity Funding / Salient Partners	530,000,000								
	Margin Money	0								
	Repayment period (years)	10								
	Loan rate of interest (%)	12.5								
В	Techno-Economic Parameters									
	Cost of each cow	120,000								
	Average daily milk yield of each cow (lit)	40								
	Sale price of milk (lit)	25								
	Irrigated land required for fodder production (acres)	50								
	Cost of construction of cow sheds (sq.ft.)	50,000								
	Cost of construction of young stock sheds (sq.ft.)	20,000								
	Cost of construction of store rooms (sq.ft.)	40,000								
	Cost of production/purchase of green fodder (kg)	15								
	Cost of production/purchase of dry fodder (kg)	25								
	Cost of concentrate feed (kg)	50								
	Cost of veterinary aid per animal per year	20,000								
	Cost of electricity and water per animal per year	5,000								
	Rate of livestock insurance premium (%)	40								
	Annual wages of each farm laborer	12,240,000								
	Sale price of livestock calves	10,000								
	Sale price of empty livestock feed gunny bags	5								
	Expenditure on rearing of calves will be offset by the income realized from their sale									
	Heifers will be retained on the farm as replacement stock.									
	Farmyard manure shall be used for fertilizing the fodder plots.									

С	Lactation Chart												
	(cows are purchased in 2 batches at an interval of 5-6 months)												
	D-t-bi	Batch wise No. of animals		Year 1		Year 2		Year 3		Year 4		Year 5	
	Batch wise	No. of animals	in milk	dry	in milk	dry	in milk	dry	in milk	dry	in milk	dry	
	First Batch	200	40,000,000	16,000,000	46,000,000	18,400,000	52,900,000	21,160,000	60,835,000	24,334,000	66,918,500	26,767,400	
	Second Batch	200	40,000,000	16,000,000	46,000,000	18,400,000	52,900,000	21,160,000	60,835,000	24,334,000	66,918,500	26,767,400	
	Total	400	80,000,000	32,000,000	92,000,000	36,800,000	105,800,000	42,320,000	121,670,000	48,668,000	133,837,000	53,534,800	
D		Feed and Fodder									,		
	Feed and Fodder Rate/kg in lillik					ear 2 Year		r 3	Year 4		Year 5		
	reed and rodder	/ dry	in milk	dry	in milk	dry	in milk	dry	in milk	dry	in milk	dry	
	Green fodder	15	300,000	240,000	345,000	276,000	396,750	317,400	456,263	365,010	501,889	401,511	
	Dry fodder	25	500,000	400,000	575,000	460,000	661,250	529,000	760,438	608,350	836,481	669,185	
	Concentrates	50	1,000,000	800,000	1,150,000	920,000	1,322,500	1,058,000	1,520,875	1,216,700	1,672,963	1,338,370	
	Tot	al	1,800,000	1,440,000	2,070,000	1,656,000	2,380,500	1,904,400	2,737,575	2,190,060	3,011,333	2,409,066	
E						Investme	nt Cost						
	Specifications						Phy. units	Unit Cost	Total				
	Cost of animals						400	120,000	48,000,000				
	Construction of cow shed						50,000	1,000	50,000,000				
	Purchase of land / development						50	1,500,000	75,000,000				
	Construction of young stock sheds						20,000	1,000	20,000,000				
	Construction of stores/misc. rooms						40,000	1,000	40,000,000				
	Cost of milking equipment						200	800,000	160,000,000				
	Cost of liquid milk storage equipment						10	500,000	5,000,000				
	Cost of fodder cutting equipment						50	100,000	5,000,000				
	Cost of standby power supply & Solar unit						500	100,000	50,000,000				
	Cost of misc. equipment						500	100,000	50,000,000				
	Initial fodder cultivation cost						20	500,000	10,000,000				
	Misc. expenses						5	2,000,000	10,000,000				
	Vehicles used for farm and office						5	1,500,000	7,500,000				
	Total								530,500,000				
	Investment Cost Total Round off amount Rs. INR												
	Investment Cost Total Round off amount \$. USD												

F					Cash Flow Ar	nalysis Years					
		Y	ear 1	Year 2 Year 3			r 3	Year	r 4	Year 5	
1	Costs										
a)	Capital cost	530,500,000		0		0		0		0	
b)	Recurring cost										
	Feeding during lactation period	eding during lactation period 1,800,000		2,070,000		2,380,500		2,737,575		3,011,333	
	Feeding during dry period	1,4	40,000	1,656,000		1,904,400		2,190,060		2,409,066	
	Veterinary aid 8,000,000 Cost of electricity & water 2,000,000 Insurance 19,200,000 Labor wages 29,376,000		9,200,000 2,300,000 22,080,000		10,580,000		12,167,000		13,383,700		
					2,875,	2,875,000		3,593,750		4,492,188	
					25,392,000		29,200,800		32,120,880		
			76,000	35,251,200		44,064,000		55,080,000		68,850,000	
	Total 61,816,000		72,55	72,557,200		87,195,900		104,969,185		57,166	
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2	Benefits										
	Sale of milk	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		128,8	00,000	148,120	0,000	170,338,000		187,371,800	
	Sale of gunny bags			22,000		24,200		26,620		29,282	
	Sale of calves	4,00	00,000	4,400,000		4,840,000		5,324,000		5,856,400	
	Depreciated value of buildings		0	0		0		0		0	
	Depreciated value of equipment's		0		0	0		0		0	
	Closing stock value		0		0						
	Total	116,020,000		133,222,000		152,984,200		175,688,620		193,257,482	
	Return Of Investment (ROI)	Year	Income	Expenses	Net Surplus		Year	Loan	Principle	Interest	Total
		1	116,020,000	61,816,000	54,204,000		1	530,000,000	28,437,928	64,657,315	93,095,243
		2	133,222,000	72,557,200	60,664,800		2	501,562,072	32,203,566	60,891,677	93,095,243
		3	152,984,200	87,195,900	65,788,300		3	469,358,506	36,467,835	56,627,409	93,095,243
		4	175,688,620	104,969,185	70,719,435	Repayment of Loan	4	432,890,672	41,296,761	51,798,482	93,095,243
Н		5	193,257,482	124,267,166	68,990,316		5	391,593,911	46,765,115	46,330,128	93,095,243
		6	193,257,482	124,267,166	68,990,316		6	344,828,796	52,957,567	40,137,677	93,095,243
		7	193,257,482	124,267,166	68,990,316		7	291,871,229	59,969,998	33,125,245	93,095,243
		8	193,257,482	124,267,166	68,990,316		8	231,901,231	67,910,988	25,184,255	93,095,243
		9	193,257,482	124,267,166	68,990,316		9	163,990,242	76,903,493	16,191,750	93,095,243
		10	193,257,482	124,267,166	68,990,316		10	87,086,749	87,006,771	6,008,494	93,015,265
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Disc	claimer :										
The	data provided in the Project Report i	s for reference	e nurnoses and u	ses standard as	sumptions For	customized Proje	ect Reports n	lease contact the au	thor at M/c Blad	ck Moon Dairy	Farm Put I to