

PROJECT REPORT OF A LARGE SCALE OF COW DAIRY FARM		
Prepared By		
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		Amount in Rs. (INR)
<b>A</b>	<b>Overview</b>	
	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
<b>B</b>	<b>Techno-Economic Parameters</b>	
	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.	

C	Lactation Chart											
	(cows are purchased in 2 batches at an interval of 5-6 months)											
	Batch wise	No. of animals	Year 1		Year 2		Year 3		Year 4		Year 5	
			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 milk / dry	Year 1		Year 2		Year 3		Year 4		Year 5	
			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
	Total		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	Investment Cost											
	Specifications					Unit	Phy. units	Unit Cost	Total			
	Cost of animals					No's	400	120,000	48,000,000			
	Construction of cow shed					sq. ft.	50,000	1,000	50,000,000			
	Purchase of land / development					acres	50	1,500,000	75,000,000			
	Construction of young stock sheds					sq. ft.	20,000	1,000	20,000,000			
	Construction of stores/misc. rooms					sq. ft.	40,000	1,000	40,000,000			
	Cost of milking equipment					2 set	200	800,000	160,000,000			
	Cost of liquid milk storage equipment					2 set	10	500,000	5,000,000			
	Cost of fodder cutting equipment					5 set	50	100,000	5,000,000			
	Cost of standby power supply & Solar unit					8 set	500	100,000	50,000,000			
	Cost of misc. equipment					5 set	500	100,000	50,000,000			
	Initial fodder cultivation cost					acres	20	500,000	10,000,000			
	Misc. expenses					Rs	5	2,000,000	10,000,000			
	Vehicles used for farm and office					No's	5	1,500,000	7,500,000			
	Total									530,500,000		
	Investment Cost Total Round off amount Rs. INR									530,500,000		
	Investment Cost Total Round off amount \$. USD									8,161,538		

