

## Dummy Detailed Project Report of Dairy Farming of 10 animals (for example purposes)

### A. Capital Cost

S. No.	Particulars	Cost (Rs.)
i	Cost of animals	5,00,000
ii	Transportation cost	10,000
iii	Construction of animal shed	60,000
iv	Construction of calf shed	24,000
v	Cost of chaff cutter and equipments	60,000
vi	Total	6,54,000

### B. Techno economic parameters

S. No.	Particulars	Value
i	Type of animal	Buffalo
ii	Number of animals	10
iii	No. of animals/ batch	5
iv	Cost of animal (Rs. /animal)	50,000
v	Cost of culled animal	5000
vi	Transportation cost/ animal	1000
vii	Average milk yield (litre/day)	10
viii	Floor space (sqft) per adult animal	50
ix	Floor space (sqft) per calf	20
x	Cost of construction per sqft (Rs.)	120
xi	Cost of chaff cutter (power operated) (Rs.)	50,000
xii	Cost of equipment/ animal (Rs.)	1000
xiii	Insurance premium (% per annum)	5
xiv	Veterinary aid/ animal/ year (Rs.)	1000
xv	Quantity of concentrated feed in one bag (Kgs)	50
xvi	Cost of concentrate feed (Rs. /kg)	12
xvii	Cost of dry fodder (Rs. /kg)	2
xviii	Cost of green fodder (Rs. /kg)	1
xix	No. of labourers	1
xx	Salary of labourer /month (Rs.)	4500
xxi	Cost of electricity and water/animal/year (Rs.)	150
xxii	Margin (%)	25
xxiii	Rate of interest (%)	12
xxiv	Repayment period (years)	5
xxv	Selling price of milk/litre (Rs./litre)	26
xxvi	Sale price of gunny bags (Rs./ bag)	10
xxvii	Lactation days	270
xxviii	Dry days	150

### C. Feeding schedule

Type of feed	Lactation			Dry	
	Price (Rs.)	Qty. (Rs.)	Cost/day (Rs.)	Qty. (kg)	Cost/day (Rs.)
Concentrate feed	29	3	87	2	58
Green fodder	1.50	25	37.5	20	30
Dry fodder	5.00	4	20	5	25
<b>Total</b>			144.5		113

### Total concentrate feed consumed (Kgs.)

Year	Lactation	Dry	Total	No. of gunny bags
Year 1	8250	300	8550	171
Year 2	11250	2700	13950	279
Year 3	11250	2700	13950	279
Year 4	12000	2400	14400	288
Year 5	12000	2400	14400	288

### Lactation chart per animal

Year	1 <sup>st</sup> Batch		2 <sup>nd</sup> Batch	
	Lactation days	Dry days	Lactation days	Dry days
Year 1	240	30	90	0
Year 2	240	120	210	150
Year 3	210	150	240	120
Year 4	210	150	270	90
Year 5	210	150	270	90

### D. Economics (Cost & Returns)

Particulars	Years				
	1	2	3	4	5
Sale of milk	429000	585000	585000	585000	624000
Sale of gunny bags	1710	2790	2790	2880	2880
<b>Total</b>	430710	587790	587790	587880	626880
Cost of feeding during lactation	153450	209250	209250	223200	223200
Cost of feeding during dry period	8100	72900	72900	64800	64800
Veterinary aid and breeding charges	10000	10000	10000	10000	10000
Labour charges	54000	54000	54000	54000	54000
Electricity and misc. charges	1500	1500	1500	1500	1500
Insurance charges	25000	25000	25000	25000	25000
<b>Total</b>	252050	372650	372650	378500	378500
Surplus	178660	215140	215140	209380	248380

**E. BCR & IRR**

<b>Particulars</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Capital cost	654000				
Recurring cost	252050	372650	372650	378500	378500
<b>Total cost</b>	906050	372650	372650	378500	378500
Benefit	430710	587790	587790	587880	626880
Net Benefit	-475340	215140	215140	209380	248380
PW cost @ 15%	1719259.92				
PW Benefits @ 15%	1853258.04				
NPW	133998.11				
B.C. Ratio	1.08				
<b>IRR (%)</b>	30%				

**F. Loan Repayment Schedule**

<b>Year</b>	<b>Loan outstanding</b>	<b>Gross surplus</b>	<b>Interest</b>	<b>Principal</b>	<b>Total Repayment</b>	<b>Surplus</b>
1	490500	178660	58860	98100	156960	21700
2	392400	215140	47088	98100	145188	69952
3	294300	215140	35316	98100	133416	81724
4	196200	209380	23544	98100	121644	209380
5	98100	248380	11772	98100	109872	138508

**Source: NABARD**