

PROJECT REPORT FOR (500+25) SHEEP BREEDING FARM

Owner: -

Address: - (Village), (Mandal),
(Dist)

Name of the Bank: -

Scheme: - Centrally Sponsored Scheme - Integrated Development of
Small Ruminants and Rabbits.

1. ASSUMPTIONS;

Sl. No.	Description	Remarks
1.	Unit size	500 females breeders (Ewes)+25 males (Rams)
2.	Rearing system	Zero grazing
3.	Breeds	Nellore Brown, Jodipi, all native breeds
4.	Shed area	8000 sq. ft.
5.	Exercise paddock	12000 sq. ft.
6.	Feeders, Drinkers.	Cement with Iron rods(@no.1/40sheep)
7.	Maize crop	3 crops/acre/annum
8.	Lucerne crop	1 st cut after 45 days. Later on every 25 days.
9.	Silos construction	Below or above ground.
10.	Labour	One labourer for 100 sheep.
11.	Insurance cost	Prevailing norms in customer area.
12.	Silo sizes	Case to case design is tailor made
13.	Growth rate	4-5 kgs per 1 month – in house lamb.
14.	Veterinary management	Rs.50 per sheep
15.	Feeding systems	Stall feeding
16.	Manure out put	0.3tons /adult sheep/year
17.	Breeder cycle duration	8 months
18.	Lamb fattening cycle duration	6 months -2 months on milk + 4 months on feed

2. RECOMMENDATIONS

Sl. No.	Description	Remarks
1.	Maize crop	In house production is mandatory.
2.	Lucerne	In house production is mandatory.
3.	De oiled cakes	No by products feeding in this system.
4.	Sheds construction	Entrepreneur should minimize cost on sheds.
5.	Breeder stock	Purchase of good breeders is important
6.	Irrigation facilities	Normal/Drip irrigation for maize cultivation
7.	Irrigation facilities	Normal/Sprinkler irrigation for Lucerne cultivation.

3. TECHNO ECONOMIC PARAMETERS:

Sl. No.	Description	Remarks
1.	Cost of Maize silage in house production	Rs.500 per 1 ton.
2.	Cost of Lucerne grass in house production.	Rs.100 per 1 ton.
3.	Breeding percentage	90%
4.	Lambing rate	1.2 lambs /ewe
5.	Mortality rate in new born	10%
6.	Sale price of lamb – as on 26 th march, 2010.	@Rs.130kg live weight.
7.	Cost of Mineral feed supplements	0.75paise per 1 day.
8.	Cost of Shed construction	@Rs.100/1sq.ft.
9.	Cost of Chain link mesh fencing	@Rs.25/1 sq. ft
10.	Cost of Feeders with Drinkers	@Rs.5000/1 no.
11.	Cost price of breeders	@Rs.140/1kg live.
12.	Lambs per Breeding Cycle	540
13.	Lambs(female) replaced for died Ewes	40

4. CAPITAL EXPENDITURE:

Sl. No.	Description	Amount Rs.
1.	Cost of 8000 sq. ft shed	8,00,000
2.	Cost of chain link mesh fencing	1,72,500
3.	Cost of feeders, drinkers etc.,	1,50,000
4.	Cost of silos below ground	3,00,000
5.	Cost of 500 ewes +25 rams	22,05,000
6.	Chaff Cutter	1,00,000
7.	Store rooms	50,000
8.	Staff quarters	2,00,000
	TOTAL	39,77,500

5. RECURRING EXPENDITURE FOR 1 BREEDER CYCLE + 1 LAMB

FATTENING CYCLE:

Sl. No.	Description	Amount Rs.
1.	Cost of Maize silage	1,80,000
2.	Cost of Lucerne	36,000
3.	Cost of labour	3,20,000
4.	Cost of mineral mix	1,35,000
5.	Cost of veterinary care	50,000
6.	Miscellaneous Expenditure	14,000
TOTAL EXPENDITURE		7,75,000

6. GROSS INCOME:

Sl. No.	Description	Amount
1.	Sale of 500 lambs 25kgs@Rs.130/kg	16,25,000
2.	Insurance claims of 40 ewes @2500	50,000
3.	Sale of manure of 300 tons. @Rs.1000/ton	3,00,000
4.	TOTAL GROSS INCOME	19,75,000

7. NET INCOME PER 1 CYCLE:

Sl.No	Description	Amount
1.	Total Gross Income	19,75,000
2.	Total Expenditure	7,75,000
3.	NET PROFIT	12,00,000

- Every breeding Cycle is 8 months and 3 breeding cycles per 2 years.

8. REPAYMENT SCHEDULE

YEAR	LOAN OUTSTAND AT BEGIN OF YEAR	INTEREST	NET INCOME	PRINCIPAL PAID	TOTAL REPAYMENT	SURPLUS
I	12,50,000	1,50,000	12,00,000	0	1,50,000	10,50,000
II	12,50,000	1,50,000	12,00,000	2,50,000	4,00,000	8,00,000
III	10,00,000	1,20,000	24,00,000	2,50,000	3,70,000	20,30,000
IV	7,50,000	90,000	12,00,000	2,50,000	3,40,000	8,60,000
V	5,00,000	60,000	24,00,000	2,50,000	3,10,000	20,90,000
VI	2,50,000	30,000	12,00,000	2,50,000	2,80,000	9,20,000
TOTAL		6,00,000	96,00,000	12,50,000	18,50,000	77,50,000