

**(100+4)SHEEP BREEDING PROJECT REPORT**

**1. ASSUMPTIONS:**

Sl. No.	DESCRIPTION	REMARKS
1.	Unit size	100 females breeders (Ewes)+4 male breeders (Rams)
2.	Rearing system	Zero grazing
3.	Breeds	All native breeds. Nellore brown, Jodipi,
4.	Shed area	1200 sq ft
5.	Exercise paddock	3300 sq. ft
6.	Feeders and drinkers	Mobile Feeders and drinkers
7.	Maize crop	3 crops/1 acre/annum
8.	Lucerne crop	1 <sup>st</sup> 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	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. TECHNO ECONOMIC PARAMETERS:**

Sl. No.	Description	Remarks
1.	Maize silage requirement	1. 600kgs/1breeder/ 1breeding cycle 2. 240kgs/Lamb/1 Fattening cycle
2.	Lucerne requirement	1. 120kgs/1Breeder/1breeding cycle 2. 60kgs/1Lamb/1 Lamb Fattening cycle
3.	Lambing rate	1.2 lambs/ewe
4.	Mortality rate	Mortality per cent – 10% ( in new born lambs)
5.	Manure	0.25tons /adult sheep/year
6.	Sale price of lamb	@Rs.135/kg live weight.
7.	Mineral Feed Supplements	1. 1.9kg/1Breeder/1 breeding cycle 2. 0.6kg/1Lamb/1 Lamb fattening cycle
8.	Breeding cycle	Once in every 8 months
9.	Lamb fattening cycle -6 months	On mothers milk -2 months. Creep and grower feed – 4 months.
10.	Purchase cost of breeders	@Rs.150/1kg live.
11.	Cost of maize silage – in house production	@Rs.1200/1ton
12.	Cost of Lucerne – cut & carry method	@Rs.1000/1ton

**3. CAPITAL EXPENDITURE:**

Sl. No.	Description	Amount Rs.
1.	Cost of construction of 1200 sq. ft sheds @Rs.200sq.ft**	2,40,000
2.	Cost of erection of 1400 sq. ft chain link mesh @Rs.20/sq.ft	28,000
3.	Cost of feeders, drinkers other equipment @Rs.500/- animal for 104 sheep.	52,000
4.	Cost of 5 silos @Rs.10000-00/1 silo	50,000
5.	Cost of procuring (4 <sup>th</sup> month pregnant) 100 ewes+4 rams	5,92,800
6.	Cost for Insurance @4.05%	24000
7.	Store room	26000
	Total	<b>10,12,800</b>

**\*\*NOTE; Shed construction cost can be drastically minimised.**

**4. RECURRING EXPENDITURE:**

Sl. No.	Description	Quantity	Amount Rs.
1.	Cost of Maize silage		
2.	Lucerne fresh grass		
3.	Cost of Labour/wages		
4.	Mineral Feed supplements		
5.	Veterinary care		
6.	Total Expenditure		<b>2,00,000</b>

**5. INCOME:**

Sl. No.	Description	Amount
1.	Sale of 108 lambs <a href="#">30kgs@Rs.135/kg</a> live weight = 4050	437400
2.	By insurance claims of 4 ewes @2500	10000
3.	By sale of manure of 35tons. @Rs.1000/ton	35000
4.	<b>TOTAL</b>	<b>482400</b>

**6. NET PROFIT per 1 cycle.**

SL.NO	DESCRIPTION	AMOUNT (Rs.) Lakh
1.	Total Gross Income	482400
2.	Total Expenditure	200000
3	Net Profit	282400