# **Model DPR of Goat/Sheep breed development unit under NLM Entrepreneurship Development Programme.**

# **Capacity (100+5/200+10/300+15/400+20/500+25)**

1. **ABOUT THE APPLICANT (Fill any one out of a, b or c, whichever is applicable)**
	1. **In case of Individual**

|  |  |  |
| --- | --- | --- |
| **Sl. No** | **Particulars** | **Details** |
|  | Name |  |
|  | Name of the Key Promoter (if Joint Application) |  |
|  | Age |  |
|  | Sex |  |
|  | Aadhaar Card No. |  |
|  | PAN Card No. |  |
|  | Permanent Address |  |
|  | Contact No. |  |
|  | Date of Birth |  |
|  | Educational qualification |  |
|  | Years of Farming Experience |  |
|  | Bank Account Number |  |
|  | Name of Bank |  |
|  | IFSC Code of Bank |  |

OR

* 1. **In case of Joint Application**

| **Sl. No** | **Particulars** | **Details of Joint applicants** |
| --- | --- | --- |
|  | Name of joint applicants | **Name** | **Age** | **Sex****(F/M)** | **PAN Card No.** | **Aadhaar Card No.** | **Contact Details** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Name of key promoter (between the above-mentioned joint applicants) |  |
|  | Permanent Address of key promoter |  |
|  | Date of Birth of key promoter |  |
|  | Educational qualification of key promoter |  |
|  | Years of Farming Experience of key promoter |  |
|  | Bank Account Number |  |
|  | Name of Bank  |  |
|  | IFSC Code of Bank  |  |

**OR**

* 1. **About The SHG, FCOS, JLG, FPOs, Dairy Cooperative Societies, Section 8 Companies**

| **Sl. No** | **Particulars** | **Details** |
| --- | --- | --- |
| 1 | Name of the Organization |  |
| 2 | Name of the Key Promoter |  |
| 3 | Establishment Details (DD/MM/YYYY) |  |
| 4 | Registration Number |  |
| 5 | Registration Address |  |
| 6 | Contact Number |  |
| 7 | Pan Card |  |
| 8 | Number of Partners (in any) |  |
| 9 | Name of the Partners |  |
| 10 | Bank Account Number |  |
| 11 | Name of Bank |  |
| 12 | IFSC Code of Bank |  |

1. **ABOUT THE PROJECT**

|  |  |  |
| --- | --- | --- |
| **SL NO.** | **PARAMETERS** | **VALUES** |
|  | Name of breed |  |
|  | Unit Size | 1. No. of Male
 |  |
|  | 1. No. of Female
 |  |
|  | Project Location |  |
|  | Goat /sheep farming Experience (Yes/No) |  |
|  | Land Ownership (Owned/lease deed) |  |
|  | Total Land Area (in acres) |  |
|  | Number of people employed |  |
|  | Number of farmers to be impacted |  |
|  | Implementation period (No. of Years) |  |
|  | Electricity (Yes/No) |  |
|  | Land Connectivity(Yes/No) |  |
|  | Distance from nearest Vet. Hospital(in Kms) |  |

1. **MEANS OF FINANCE (Fill any one out of a or b, whichever is applicable)**

|  |
| --- |
| 1. **BANK LOAN**
 |
| **Sl. No** | **Particulars** | **Amount** | **Percentage (%)** |
| 1 | Subsidy from Govt. |  | 50% |
| 2 | Own Contribution |  | 10% |
| 3 | Bank Loan |  |  |
| **Total (Rs.)** |  |

**OR**

|  |
| --- |
| **b) SELF FINANCE** |
| **Sl. No** | **Particulars** | **Amount** | **Percentage (%)** |
| 1 | Subsidy from Govt. |  | 50% |
| 2 | Own Contribution |  | 50% |
| **Total (Rs.)** |  |

1. **PROJECT PROFILE**
2. **INTRODUCTION**

Goat and sheep farming in India holds significant importance owing to its multifaceted contributions to the country's agricultural and rural economy. Economically, these small ruminants serve as vital sources of income and livelihood for numerous rural households, particularly small and marginal farmers, offering a reliable avenue for income diversification. Often referred to as the *"poor man's cow"*. Goats and sheep are accessible to small-scale farmers due to their lower feed and space requirements, providing a viable alternative to larger livestock. Furthermore, their meat and milk products contribute significantly to nutritional security, especially in regions with limited access to other sources of animal protein. With their inherent resilience to harsh environmental conditions, goats and sheep play a crucial role in mitigating the impacts of climatic variability, making them well-suited for semi-arid and marginal lands. Currently, India has one of the largest goat and sheep populations globally, with millions of animals reared across various states. According to government estimates, India's goat population is over 148 million, while the sheep population is over 74 million. However, the sector is predominantly characterized by small-scale and backyard enterprises, highlighting its potential for expansion and improvement. Moreover, India's rich diversity of native goat and sheep breeds presents opportunities for breed conservation and genetic improvement initiatives. With the growing demand for goat and sheep products in domestic and international markets, there is immense potential for value addition and export opportunities.

1. **PROJECT OBJECTIVES**
2. Provide self-sustainability to farmers through scientific goat and sheep rearing
3. Breed improvement in Goats and Sheep
4. Promote scientific Goats/Sheep rearing among the farmers especially marginal and small farmers.
5. To meet the ever increase demand of Goats/Sheep meat.
6. Women empowerment through Goats/Sheep husbandry
7. Produce high milk yielder Goats/Sheep
8. Value addition of goat and sheep products like milk , wool etc
9. Develop alternate income source through byproducts -dung and vermin-compos etc.
10. Conversion of the small ruminant sector from unorganized sector to organized sector through promotion of entrepreneurship & investment and creation of forward & backward linkages.
11. Promotion of stall-feeding model of sheep and goat rearing.
12. **REQUIRED CONDITIONS**
13. **Housing;**

Taking into consideration the local climatic conditions, a well ventilated shed can be constructed for the proposed project. The orientation of the building is planned in the North- South direction to give requisite protection as well as exposure to sunshine, rain, and wind. Shed will be constructed in such way in a raised platform (about 1 metre height from ground level)

1. **Feed & Fodder cultivation**

Goat and sheep are herbivorous animal with browsing habit. It prefers woody plants and pods with supplementation of grasses and herbages. Stall fed animals receive mixture of grasses, shrubs, weeds, thorny plants, pods, tree leaves. There are forest by-products e.g. banana leaves, banana stem, pine apple leaves, pine needles, wild root and tubers; crop by-products like jackfruit, tapioca leaves, pumpkin, sweet potato, squash etc. which can be fed to the goat/sheep. If fertile land with assured irrigation facilities is available so that fodder crops could be successfully raised and abundant good green fodders will be made available for small feeding throughout the year.

1. **Water**

Good quality fresh water for animal drinking and for the cleaning, washing etc. to be made available.

1. **Electricity:** The proposed site to be connected to a regular source of electricity**.**
2. **Waste Disposal:** Optimum measures to utilize the excreta and recycle the animal waste are to be ensured as this will also lead to generation of income.
3. **Veterinary Aid:** The entrepreneur shall undertake the overall management of the farm, including procurement on inputs and marketing of the goat/sheep. Local veterinary health service will be hired as per necessity.
4. **Market Potential**

More than 40 percent of the Indian Population is meat eater. Due to growing demand for sheep & goat meat in the local markets, there is a lot of scope for setting up of goat and sheep rearing units. Also, due to protein consumption awareness among growing children and young people, the demand for sheep & goat meat is increasing day by day in the country. Purchasing power of the people is on the rise and there is a distinct shift in consumption patterns. The breeding stock, young ones and adult goat and sheep have got very demand in the market. Hence, the scope for setting up of new sheep rearing & breeding units in the district is very good. By realizing the growing demand for meat, scope & income, the promoter has decided to set up a sheep breeding unit.

1. **ECONOMIC OF THE PROJECT**
2. **Basis & Assumptions.**

| **Sl No.** | **Particulars** | **Unit** | **Quantity** |
| --- | --- | --- | --- |
| **I.** | **Techno-economic parameters** |  |  |
|  | Breed of Goat |  |  |
|  | No. of Does |  |  |
|  | No. of bucks |  |  |
|  | Age of maturity | Months | 10-12 months |
|  | Kidding interval | Months | 8 |
|  | No. of kidding | per year |  |
|  | Kidding percentage | % |  |
|  | Mortality rate of kids | % |  |
|  | Mortality rate of adults | % |  |
|  | Average kidding size |  |  |
|  | Saleable age of kids | Months |  |
| **II.** | **Expenditure details** |  |  |
|  | Space requirement per head for bucks | Sq.ft |  |
|  | Space requirement per head for doe | Sq.ft |  |
|  | Space requirement per head for kid | Sq.ft |  |
|  | Cost of construction of shed for kids | Rs./Sq.ft |  |
|  | Cost of construction of shed for parent stock | Rs./Sq.ft |  |
|  | Requirement of concentrate feed/adult animal/month | Kg |  |
|  | Requirement of concentrate feed/kid/month | Kg |  |
|  | Rate of concentrate feed /kg | Rs |  |
| **III.** | **Income details** |  |  |
|  | Sale price of Buck (10 months) | Rs. |  |
| 20. | Sale price of doe (10 months) | Rs. |  |

1. **Total cost of the project**

|  |
| --- |
| **CAPITAL COST** |
| **Sl No.**  | **Particulars** | **Unit** | **Quantity** | **Unit Rate ( Rs.)** | **Amount** |
| 1. 1
 | Cost of Does | Rs. |  |  |  |
|  | Cost of Bucks | Rs. |  |  |  |
|  | Shed of Does & Buck | Nos. |  |  |  |
|  | Shed of Kids & sick pen | Nos. |  |  |  |
|  | Equipment for Feeding | Rs. /Animal |  |  |  |
|  | Chaff Cutter | Nos. |  |  |  |
|  | Integrated silage making machine | Nos. |  |  |  |
|  | Fodder cultivation | Acre |  |  |  |
|  | Insurance | % |  |  |  |
|  | Expenditure on vaccine & Medicines,  | Animal/Year |  |  |  |
|  | Transport charges | Rs. |  |  |  |
|  | Miscellaneous expenses | Rs. |  |  |  |
|  | **Sub- Capital Cost (A)** |  |
|  |  |  |  |  |  |
| **RECURRING EXPENDITURE for 1st year** |
| **SL No.** | **Particulars** | **Unit** | **Quantity** | **Unit Rate ( Rs.)** | **Amount** |
|  | Concentrate feeds | Rs./kg |  |  |  |
|  | Concentrate feeds for kids | Rs./kg |  |  |  |
|  | Unskilled labor | Rs/Annum |  |  |  |
|  | Electricity & water supply | Animal/Year |  |  |  |
|  | Miscellaneous. | Rs. |  |  |  |
|  | **Sub- Total (B)** |

\*Eligible subsidy is 50% of capital cost.

**Total Cost of Project (A + B) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Projected Performance & Profitability**

**Flock Production Chart.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Particulars** | **I Year** | **II Year** | **III Year** | **IV Year** | **V Year** |
| No. Of Kidding/Year |  |  |  |  |  |
| No. Of Kids born Male |  |  |  |  |  |
| No. Of Kids born Female |  |  |  |  |  |
| Mortality in Male kids @ \_\_\_\_% |  |  |  |  |  |
| Mortality in Female kids @ \_\_\_% |  |  |  |  |  |
| No. of Male Kids available for sale |  |  |  |  |  |
| No. of Female Kids available for sale |  |  |  |  |  |
| \* Kids produced in the first year will be sold in second year and so on |

**Financial Analysis**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Particulars** | **I Year** | **II Year** | **III Year** | **IV Year** | **V Year** |
| Capital Cost |  |  |  |  |  |
| Recurring Cost |  |  |  |  |  |
| 1. Total Cost
 |  |  |  |  |  |
| Income from Male animals |  |  |  |  |  |
| Income from Female animals |  |  |  |  |  |
| Other Income(sale of by-products like compost, milk etc) |  |  |  |  |  |
| 1. Total Income
 |  |  |  |  |  |
| 1. **Net Income (B-A)**
 |  |  |  |  |  |