**Goat project 50+2**

**Goat farm project report with 50 Does and 2 bucks**

This project report is based on following assumption:-

1-   Adult healthy  Does & bucks of black Bengal breed within 2 years of age will be purchased

2-   Manure produced in the farm will be utilized for fodder cultivation

3-   In case of death of adult goats new animal will be purchased from insurance claim money

4-   The above project will be economically viable under proper care & attention of the entrepreneur.

The farmer must check the following points before starting goat farm**.**

Availability of good quality Parent stock in the locality

Marketing facility for goat & goat meat

Nearness of farm to veterinary hospital/Livestock Aid center

Availability of concentrates ,fodder & medicine in that locality

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| Techno-economic parameters |  |
| Breed of Goat | Black Bengal |
| System of rearing | Semi intensive |
| No. of Bucks | 2 |
| No. of Does | 500 |
| Age at Maturity (Months) | 10-12 |
| Kidding/ interval (Months) | 8 |
| No of kidding/year | 1.5 |
| Kidding percentage | 90 |
| Average litter size  (average of single, twinning, Triplet, quadruplet) | 2 |
| Sex ratio | 1:1 |
| Mortality(%) Kids | 15 |
| Saleable age of kids (months) | 11 |
| Expenditure norms |  |
| Space requirement sq ft.per head for Buck | 15 , |
| Space requirement sq ft.per head for doe | 10 |
| Space requirement sq ft.per head/kid | 4 |
| Cost of construction (Rs.per sft)     Doe, Bucks ,Kids | 180 |
| Cost of equipment (Rs.per adult animal) | 1000 |
| Cost of green fodder cultivation (Rs./acre/season) | 5000 |
| Concentrate feed : Adult does  (one month before breeding and one month after kidding i.e. per kidding) | 6.75 kg per month |
| Concentrate feed for Bucks (two months per breeding season) | 7.5 kg per month |
| Concentrate feed for Kids (for 30 days) | 3.75 kg per kid |
| Cost of conc. feed (Rs./kg) | 16 |
| Labour (No.) | Family |
| Insurance (as percentage of the cost of breeding stock) | 5 |
| Veterinary aid (Rs./adult/year) | 50 |
| Income norms : |  |
| Sale price of Buck/(11month) | 2700 |
| Sale price of Doe/(11month) | 2400 |
| Income from manure is not assumed as it is used on the own farm for fodder cultivation. |  |
| Sale of Gunnyu bags (Rs./bag) | 10 |
| Repayment norms: |  |
| Repayment period (years) | 6 |
| Grace Period (years) | 1 |
| Interest rate(%) | 12 |

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| Flock projection chat for  Black Bengal Breed Goats | | | | | | |
| Year | 1st | 2nd | 3rd | 4th | 5th | 6th |
| No. of does purchased | 50 |  |  |  |  |  |
| No. of bucks purchased | 2 |  |  |  |  |  |
| No. of kidding/year | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| No. of kids born male | 67 | 67 | 67 | 67 | 67 | 67 |
| No. of kids born female | 67 | 67 | 67 | 67 | 67 | 67 |
| No of kids died male 15% | 10 | 10 | 10 | 10 | 10 | 10 |
| No of kids died female 15% | 10 | 10 | 10 | 10 | 10 | 10 |
| No. of male kids available for sale | Kids produced in first year will be sold in second year & so on | 57 | 57 | 57 | 57 | 57 |
| No. of female kids available for sale |  | 57 | 57 | 57 | 57 | 57 |

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| A-Capital cost | (Amount in Rs.) |
| Construction low cost  Shed for 50does  @ 10sq.ft/adult Doe(Rs.180/sq.ft | 90000 |
| Construction of Shed for 2 bucks@15sq.ft/buck(Rs.180 sq.ft buck shed ) | 5400 |
| Construction of Shed for230 kids @4 sq.ft./ kids (456sq.ft)@(Rs.180/sqft | 82080 |
| Equipments feeding trough buckets etc | 5200 |
| Cost of 50does@ 3000/doe | 150000 |
| Cost of 2 bucks@5000/buck | 10000 |
| TOTAL CAPITAL COST | 342680 |
| Working Capital |  |
| Cost of insurance 5% of animal cost | 8000 |
| Cost of concentrate feed for 50does @6.75kg/month/doe  for two months i.e  kg@16/kg | 10800 |
| Cost of concentrate feed for 2bucks @7.5kg/adult animal for two months @ 16/kg | 480 |
| Cost of concentrate feed for 114  kids@3.75 kg/kid /month i.e  900kg for  one month @16/kg | 6840 |
| Fodder cultivation in 2 acres of land@5000/acre/season | 10000 |
| Misc, expenditure i.e.  vaccine medicine and veterinary aid and electricity | 6200 |
| Total Working Capital | 42320 |
| **TOTAL PROJECT COST** | 385000 |
| Margin money  @15% of project cost | 57750 |
| **Bank loan@85% of project cost** | 327250 |
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|  | CASH FLOW | Project period (year)  Amount in Rs. | | | | | |
| A. |  | i | ii | iii | iv | v | Vi |
| B. | Cost of insurance 5% of animal cost | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 |
| C. | Cost of concentrate feed for buck does and kids | 18120 | 18120 | 18120 | 18120 | 18120 | 18120 |
| D. | Fodder cultivation  2 acers of land@5000/acre/crop for two crops | 20000 | 20000 | 20000 | 20000 | 20000 | 20000 |