

Goat farming project report of (100+4) Goats.

Project report for any types of business is important for the beginners. In goat farming business project report will be the key factor of business. Goat farming is growing day by day, a lot of educated people entering in commercial goat farming, and commercial goat farming project report is the first part of the business before starting it. All the equipments needed for commercial goat farm and profit guide is available here.

Please do keep the following points in mind while reading this project report :

1. This is expenses statement for 14 months or 1 year 2 months
2. Before starting goat farming business it is very important that you should have good knowledge of the same.
3. Visit other goat farm and get training before starting yours, Do survey the housing system, fodder management, handling goats, how to castrate bucks etc.
4. Please survey the land location, road access, water facility and other useful things.
5. Land cost is not included in this report.
6. Never use goat milk for personal use, as kids need this milk upto 3 months.
7. Goat give kids twice in 14 months, gestation period of 150 days.
8. Under stall fed condition the ratio of kids is 60% twins and 38 % single and 2% triplets.
9. De-worming the goats routinely.
10. Expenses of vaccination and medicines are 20 rs. Per goat.
11. Hint: goat farming should not be profitable if purchasing green fodder outside the farm.
12. Concentration fodder: mixture of maize, ground nut, barley, wheat bran, mineral mixture, salt.

13. Green fodder : Moringa, barseem, sorgum, Hybrid Napier, subabul, lucern, dashrath, depends on the soil requirement of the area.
14. To make the additional income in commercial goat farm sale manure or make vermicompost fertilizer from the manure. Use manure to cultivate green fodder for the farm And sale remaining manure.

Goat purchasing cost

We purchased 100 Female and 4 Male. Weight of Female goat is 30 kg and weight of 1 male 35 kg. the rate we purchased the Sirohi goat is 210 Rs/kg.

| Weight of goat | 210 rs per kg | Cost of 1 Goat | Cost |
|-----------------------------|---------------|----------------|------------------|
| weight of 1 does is 30 kg | 30 x 210 | 6300 | 6300x100=630000 |
| weight of 1 buck is 35 kg | 35 x 210 | 7350 | 7350 x 4 = 29400 |
| Goat purchasing cost | | | 659400 |

Production cycle

The ratio of kids we get in farm is 60% twins and 40% single. 90 goats out of 100 are getting pregnancy. We are getting 2 crops in 14 months With 10% mortality rate.

| 1 st crop | kids | Mortality | Remaining kids |
|--|---------------------|---|-----------------------|
| 60% of goats giving twins, 60% of 90 goats, is 54 | $54 \times 2 = 108$ | 10 % mortality 11 kids dead $108-11= 97$ | 97 |
| 40% of goats giving single kid, 40% of 90 goats is 36 kids | $36 \times 1 = 36$ | 10% mortality 4 kids is dead $36-4= 32$ | 32 |
| Total kids (in 7 months) | | | 129 kids |
| 2 nd crop | | | |
| 60% of goats giving twins, 60% of 90 goats is 54 | $54 \times 2 = 108$ | 10 % mortality 11 kids is dead $108-11= 97$ | 97 |
| 40% of goats giving single kid, 40% of 90 goats is 36 kids | $36 \times 1 = 36$ | 10% mortality 4 kids is dead $36-4= 32$ | 32 |
| Total kids (in 7 months) | | | 129 kids |
| Total kids in 14 months | | | 258 |

we get 129 kids in one batch (7 months). Or 258 kids in 14 Months.

Housing & Shed requirement for (100+4) goats :

Housing and equipments are the one time investment in the commercial goat farming. Beginning investment is the needs of every business and these business require shed and equipments in the beginning.

Generally 1 female goat required 10 Sqft Area. Male required 15 Sqft Area. Kid needs 5 Sqft Area.

We are Taking Area for (100+4) goats + 130 kids + 30 Bucks For Eid Purpose.

| Goats | Goats x Area need per goat | Area sqft | Cost (200 rs per sqft) |
|-----------------------------|----------------------------|-----------|------------------------|
| 100 Does (10sqft per does) | 100 x 10 | 1000 sqft | 1000x200=200000 |
| 4 bucks (15sqft per buck) | 4 x 15 | 60 sqft | 60 x 200 = 12000 |
| 130 kids (5sqft per kid) | 130 x 5 | 650 sqft | 650x200 = 130000 |
| 30 bucks (15sqft per buck) | 30 x 15 | 450 sqft | 450x200 = 90000 |
| Total space | | 2010 sqft | |
| Total cost of shed | | | 432000 Rs |

Equipments

| Names | Number | cost |
|---------------------------------|----------|--------------|
| Chaff cutter | 1 | 20000 |
| Feeders, 1000 rs per feeder | 1000 x 5 | 5000 |
| water pots, 200 rs per pots | 200 x 5 | 1000 |
| Total cost of equipments | | 26000 |

Feeding cost of (100+4) goats and kids

| Description | Goat x Rs x days | Cost of feed |
|---|------------------|---------------|
| 104 Adult goat feed 10 Rs per day for 14 months or 425 days | 104 x 10 x 425 | 442000 |
| 129 kids goat feed 6 RS per day for 4 months or 120 days (2 months on milk feeding) After 6 months they are ready for sale | 129 x 6 x 120 | 92880 |
| 29 kids save for Eid festival and feed them for remaining 6 months 180 days with 10 Rs per day feed cost | 29 x 10 x 180 | 52200 |
| Total cost of Feed | | 587080 |

- 10 Rs per day per goat cost is the only cost of dry and concentrate fodder, green fodder should be cultivate in our form to maximize the profit. The cost of cultivation of green fodder is not included in this project report.
- Approximately 60% to 70% cost spent on the feed in commercial goat farming.

Monthly Expenses

| Names | Number | Cost |
|---|------------------|--------------|
| Vaccine and medical charges 20 Rs per goat. 104 goats with kids $104+258 = 362$ | 362×20 | 7240 |
| Labors wages 5000 Rs per month, 1 labor is enough for 100 goats. | 5000×12 | 60000 |
| Water & Electricity | 500×12 | 6000 |
| Other expenses | 3000 | 3000 |
| Monthly expenses Total cost | | 76240 |

Sale of Animals

We purchased goats in 210 Rs Per kg and also selling goats in 210 Rs Per kg. Due to High demand in Festivals the Price hike 310 Rs per Kg.

| No. of kids for sale | Kids x goat weight x sale weight | Cost |
|---|---|----------------|
| 1 st crop | | |
| 100 kids of 6 months with average weight of 20 kg is ready for sale in 210 rs per kg | 100 x 20 x 210 | 420000 |
| 29 bucks of 12 months with average weight of 50 kg is for sale on Eid, is for sale in 320 Rs per kg | 29 x 50 x 320 | 464000 |
| 2 nd crop | | |
| 100 kids of 6 months with average weight of 20 kg is ready for sale in 210 rs per kg | 100 x 20 x 210 | 420000 |
| Manure of goats in 1 year | | 8000 |
| Total sale of Animal cost | | 1312000 |

Results

$$\begin{aligned}\text{Total Fixed investment} &= \text{Goat purchasing cost} + \text{Cost of shed} + \\ &\quad \text{Equipments} \\ &= 649400 + 432000 + 26000\end{aligned}$$

$$\text{Total Fixed investment} = \mathbf{1107400 \text{ Rs}}$$

Fixed investment is the one time investment cost which is not included in the profit in this project report because every business needs the beginning investment.

$$\begin{aligned}\text{Total profit} &= \text{Total sale of Animal cost} - (\text{total cost of feed} + \text{total} \\ &\quad \text{monthly expenses}) \\ &= 1312000 - (587080 + 76240) \\ &= 1312000 - 663320\end{aligned}$$

$$\text{Total Profit} = \mathbf{648680 \text{ Rs}}$$

The profit can be fluctuate according to market rate of feed.