

Intensive Stall fed system of Rearing Goats

(with feeding structure attached outside)



Mr. Sridharan (45) studied upto diploma in electronics and communication engineering in Kondaikoundanpalayam village in Coimbatore district. He is a small farmer having 3 acres of garden land. He didn't go for permanent employment (he joined electric board for few months and took up farming as per the advice of his parents. He is cultivating coconut, vegetables and keep cows and goats. He has one daughter studying in home science college . He and his wife are fully involved in intensive agriculture and undertake majority of farm work and depend rarely outside labourers. He has standardized intensive stall fed system of rearing goats in his farm. He is keeping 35 adult goats and 20 kids of local type . He is also growing fodder crops for feeding the goats. His innovation is shown below.

Construction of Goat Shed



Under the existing coconut garden (established coconut trees) he has constructed goat shed which is about 5ft above the ground level. It is roofed with tin sheet. The dimension of the shed is 100 x 10. i.e. the shed has 10 ft width and 100ft length and the height of the shed is 12 feet from ground level (4 feet is pillar height) . He has divided the shed 10 ft interval and there are 10 rooms inside the shed. Each room adult animals i.e. buck & doe are kept separately so that breeding can be controlled. Kids are kept in separate rooms for feeding them with special feed / fodder. The floor of the shed is laid with wooden plants at a gap of 3/4'' and this will facilitate smooth droppings of dung and urine into the ground floor.

Feeding the Goats



The farmer is feeding the goats with leaves of glyricidia, *agathi* (*Sesbania grandiflora*), subabul (*Luecenea leucophylla*), neem leaves, mulberry leaves, green fodder napier grass varieties Co-4 and fodder sorghum species. He has been cultivating these plants under the coconut trees. He is feeding the leaves of fodder trees for goats especially for young kids for boosting their growth. For adult animals daily 3.5-4 kilo of fodder (total feed) is fed twice a day viz morning and evening. He is giving 1 kg of green fodder daily for the kids. He is allowing the goats to come out freely around 1 pm for the animals to drink water kept outside the shed. He is also mixing cotton seed cake (6kg daily) along with bran of soya, paddy and maize seed powder, rice powder (altogether 200gms for each animal) in drinking water. The entire structure is fenced externally so that no goat goes to coconut garden but walk freely inside the yard.

Keeping the feeding structure outside the shed



Mr. Sridharan has constructed goat shed in such a way that the feeding structure (8' x 3/4') made up of tin sheet is attached externally for each room as shown in the picture . This will enable for easy filling of feeding trough without entering inside the shed. Therefore it is very convenient for feeding the animals twice a day and also for cleaning the structures. This also avoid wastage of feed materials given to the animals.

Income from goat rearing:

He is selling the male kids when they attain 10 kg body weight (usually at the age of 3 to 5 months) at Rs. 300/- per kg of body weight. Traders / farmers are coming directly to his farm for procuring the kids for meat purpose and therefore there is no marketing problem for him. He is living in the farm house in the vicinity of coconut garden and the goat shed is situated adjacent to his house. Due to this he and his wife are able to maintain the farm by themselves successfully without much support of labourers.

Address of the farmer:

Mr. Sridharan

Ennaikarathottam,

Kondekoundanpalayam

Negamam via,

Coimbatore District.

Tamil nadu

Cell :9976020422

(Mr. Murugesan, Vice President of the village Ph: – 9698476765)

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