

**300 TPD (TPD) High Tech Cattle Feed Plant of KERALA FEEDS LTD at
Thiruvangoor, in Kozhikode District.**

➤ **Category**

- Animal Husbandry

➤ **Challenge**

Live stock plays an important role in Indian economy and is an important subsector of Indian Agriculture. This is the sector where the poor contribute to growth directly instead of getting benefit from growth generated elsewhere. The overall growth rate in live stock sector is steady and is around 4 - 5 % and this has been achieved despite the fact that investment in this sector was not substantial. The progress in the sector results in balanced development of the rural economy particularly in reducing the poverty amongst the weaker sections. The rural women play a significant role in Animal Husbandry and are directly involved in most of the operations relating to feeding, breeding management and health care of live stock.

Agriculture continues to be the core sector in the rural economy of Kerala, providing livelihood security for vast majority of population. The state, which accounts for only 1.18% of the geographical area of the country, supports nearly 3.1% of the population. Kerala is one of the states in India, where land resources are put to more intensive use than anywhere else mainly because of the low per capita availability of land. In Kerala, though live stock makes significant contribution to the economy of the state, it is facing serious challenges due to inadequate fodder base. This is because of sharp and continuous decline in the area under seasonal crops (that support live stock) especially paddy, and the limited scope for fodder cultivation in the state.

➤ **Initiative**

The shortage of open land for grazing and the non availability of fodder have resulted in a continuous growth of the market of the compounded Cattle Feed in Kerala. There are about 33 companies manufacturing Compounded Cattle Feed (CCF) in the state. Out of this, only 5 Companies are in the organized sector. Rest of

them are in small saddle sector with a capacity of 20 to 25 TPD.

M/s. Kerala Feeds Ltd, is a pioneering venture of the State Government under the Department of Diary and Animal Husbandry, established during 1998 to manufacture compounded cattle feed for the benefit of the cattle farmers of the State. The Company is now well established, having a production capacity of over 190000 Tons per annum and working on full capacity throughout the year. Kerala Feeds Ltd has been able to imbibe the latest production and material procurement technology and expertise and is acknowledged as one of the quality product manufactures in this sector.

Kerala Feeds Ltd also has a well established marketing set up with state wide network of distributors and agents.

The proposal was for setting up a compounded cattle feed manufacturing unit and at Thiruvangur, Chemanchery Panchayth in Kozhikode District, with an installed capacity of 90,000 MT per year (300 Tons per day) of cattle feed through the assistance of RKVY. The lay out and equipment balancing will be made in such a way that optimum use of space and man power will be established at all stages of production and packing.

➤ **Key Result**

- 300 TPD Cattle Feed Plant was erected at Thiruvangoor in Kozhikode district in January 2016.
- State of the Art technology and fully computerized PLC based production process ensure supply of good quality feed to Dairy farmers of the Malabar region at affordable rates.
- It can provide supply of good quality feed to Dairy farmers of the Malabar region at affordable rates.

➤ **Impact**

- The project can act as a catalyst for steady increase in the milk production in Malabar region.

- This unit can provide direct employment to 250 persons and indirect employment to more than 2000 persons.

➤ **Lessons Learned**

- The project is considered as an important intervention in the scenario of declining milk production and availability of meat, on account of insufficient or inadequate supply of quality cattle feed.
- Development in the technology can be made useful to a common man by the implementation of such projects.
- The support of the state Government and the Government of India in funding this technically and economically viable project are the key drivers for the success of this project.

➤ **Supporting Quotes and Images**

300 TPD Cattle Feed Plant at Thiruvangoor, Kozhikode



Administrative Building



Molasses Tank



Silos



Electric Panel



Finished Product Godown



Raw material Godown



Plant Building

