

Cattle and Poultry Feed Production

The Indian feed industry is about 35 years old. The quality standards of Indian feeds are high and up to international levels. Raw materials for feed are adequately available in India. The feed industry has modern computerized plants and the latest equipment for analytical procedures and least-cost ration formulation, and it employs the latest manufacturing technology. The poultry industry is now growing in importance. Compared with the rest of the livestock sector, the poultry industry in India is more scientific, better organized and continuously progressing towards modernization. Breeding and feeding management have improved through education, training, competition, expansion and survival instincts.

The success of a commercial livestock farming largely depends on the continuous supply of good quality nutritious feeds. In India, the major portion of livestock caters to cattle and poultry farming. So, cattle and poultry feed manufacturing are a profitable business here.

Through this assignment I had tried to cover all the aspects related to the livestock feed manufacturing and this assignment helped me to explore the vast scope of agribusiness entrepreneurship. Any individual can start a cattle and poultry feed manufacturing business as small- and large-scale basis. We can start this business with moderate capital investment. The manufacturing process is simple.

Capital Investment for Cattle and Poultry Feed Manufacturing

Livestock feed manufacturing business demands two types of capital investment. One is fixed capital and another is working capital investment. Working capital cost includes raw material, staffing, transportation and other daily basis expenses and fixed capital includes the capital for purchase of land,

machineries etc. However, this type of products demands adequate distribution after the production and it attracts a moderate capital investment in marketing and transportation.

NABARD is an apex institution for all matters relating to policy, planning and operations in the field of agricultural credit. It serves as an apex refinancing agency for the institutions providing investment and production credit. It promotes development through formulation and appraisal of projects through a well organised Technical Services Department at head office and Technical Cells at each of the regional offices. Definitely, we can avail the financial assistance from NABARD, however we have to prepare a bankable project report to avail the subsidy from NABARD.

Get Training for Cattle and Poultry Feed Manufacturing

In India, there are different Govt authorities who provide training on the manufacturing technology.

1. Central Avian Research Institute, Izatnagar – 243 122 (Uttar Pradesh)
2. Haryana Agricultural University, College of Animal Sciences, Hissar – 125 004
3. Regional Feed Analytical Laboratory, Govt. of India, CPBF Campus, Industrial Area, Chandigarh 160 002
4. Govt. of Maharashtra Feed Analytical Laboratory, C/o. Wool Research Centre, Sheep Breeding Farms, Gokhale Nagar, Pune 411 016.
5. Regional Feed Analytical Laboratory, Govt. of India, C/o. Central Poultry, Breeding Farms, Aarey Milk Colony, Mumbai 400 065.

6. B V Rao Institute of Poultry Management and Technology, Urlikanchan, Pune, Maharashtra

7. Central Poultry training Institute, Govt. of India, Hessarghatta, Bangalore, 560088

8. TAPCO Feed Analytical Labs, No.2, Chamiers Road, Nandanam, Chennai 500 035

9. ICAR Research Complex for North East Region, Bishnupur, Shillong 793 004

10. Orissa University of Agriculture and Technology, Bhubaneshwar 751 003

Cattle and Poultry Feed Manufacturing Legal Compliances

For starting this business, we need to obtain different registration and licenses from the Govt. authority. The basic requirements are:

- Register the business
- Obtain Trade License
- Apply for MSME Udyog Aadhaar online registration
- Obtain 'NOC' from the state Pollution Control Board
- Apply for BIS certification for ISI Mark
- Check whether VAT is required or not
- Protect the brand name through Trademark registration



Cattle and Poultry Feed Manufacturing Plant and Machinery

We can start the manufacturing business with an area of 600 Sq. Ft. In addition, it must be provided with utilities like electricity and water. Some of the basic required machines are

- Disintegrator with motor, starter, pulley, V belt, stand etc 1MT capacity
- Ribbon blender 1 MT capacity with motor, starter, reduction gear, gear box
- Gyrotory sifter with motor starter extra sieve etc
- Platform weighing machine
- Bag sealing machine
- Testing Equipment
- Miscellaneous equipment

Cattle and Poultry Feed Manufacturing Process

The manufacturing process of cattle feed and poultry feed is relatively simple. In addition, it consists of reduction of size and blending of the various ingredients as per the formula