

GHEE AND HARD CHEESE (DOG CHEW) PROCESSING PLANT



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Project Description: Pet food is a plant or animal-derived material that is used for the consumption of pets. Pet food has been gaining enormous popularity in India, particularly with the advent of different varieties of food available for pet animals. Dogs adopt traditional eating habits, such as meat, non-meat scraps, leftovers of human existence, etc. However, these unhygienic foods led to allergic reaction in pets. Health concern for animals and pet humanization have created an opportunity for pet food.

Raw Material: Milk is the main raw material for this project.

Market: The India Pet Food Market is segmented into different Products like Dry Pet Food, Wet Pet Food, Veterinary Diet, Treat/Snack, and Other Products. The Indian pet food market is projected to register a CAGR of 4.7% during the forecast period (2022-2027). The concept of owning pets and taking care of them is a very urban phenomenon in India. In 2020, major factors driving demand for pet food in India include increasing pet ownership, rising per capita disposable income, and rising number of nuclear families, particularly in urban areas.

Machines & Equipment: Milk Dump Tank – Transfer Pump – Milk Chiller – Milk Storage Tank – Pasteurizer – Milk Cream Separator – Steam Jacketed Kettles – Ghee Packing Machine – Milk Coagulation tank – Cheese Pressing machine – Block Cutting machine - Dryer – Packing

Minimum Viable Plant Capacity	—	10000 Liters/Day
Plant and Machinery Cost (approx.)	—	2.5 – 3 Cr
Minimum Viable Project Cost (approx.)	—	8 – 10 Cr
Operational Days /Annum	—	300 days with 20Hr/day
Area required (approx.)	—	4000 - 5000 m ²

NOTE: Above mentioned figures and details are tentative. We recommend going for Techno-Economic Feasibility Study to understand the exact details of the project.

Final Products:

