



**Hungarian University of Agriculture and life
Sciences Szent Istvan Campus
Agriculture Engineering Course**

Goat Meat Production and Influencing Factors

Supervisors:

**Dr. Ákos Bodnár
assistant professor**

**Dr. István Egerszegi
assistant professor**

Author :

Sheharyar Riaz

Neptune ID:

EW93I3

Institute/Department:

**Institute of Animal Sciences,
Department of Animal
Husbandry and Animal Welfare**

SUMMARY

The study on trends in goat meat production is highly relevant in the context of agricultural and economic growth, especially in countries like Pakistan being a one of the largest exporters of goat meat where goat husbandry is a significant source of rural income. Moreover, it's a source to solve the issue of food security as its demand is increasing in the world.

The study was aimed to assess the recent data to predict the future demand and supply of meat. The factors that affect the goat meat production in selected years were also examined which provides the information about the future plans and policies to deal with these kinds of issues to sustain the meat industry. In the study the data of recent five-year of goat meat stocks value and mutton production was analyzed. The data of the meat exports of Pakistan and goat population was also analyzed by statistical methods. The data of Pakistan was compared with Asian and world's data and Pakistan contribution to Asia was also studied. The contribution of Pakistan to the world stock market ranged from 6.88% to 7.23% being a 3rd largest contributor to Asia stock value and 4th largest contributor to world stock value.

The study highlights the economic importance and potential for continued growth of the production of goat meat while also stressing the industry's vulnerability to disease outbreaks. It underlines the importance of research and investments in disease prevention and control to ensure the sustainability and resilience of the goat meat producing sector in the years to come.

The study claims that Pakistan's goat industry has been exporting meat and experiencing a moderate increase in goat population, making a significant contribution to both the Asian and international markets. Issues like lumpy skin disease and COVID-19 pandemic disruptions have had an impact on the global and Asian landscape of beef production. However, Pakistan's constant advancement demonstrates the tenacity of the goat business.

These findings provide essential insights into the dynamics of goat production and its role in the larger context of agriculture and trade. They emphasize the importance of disease management, the adaptability of market demand, and government initiatives in shaping the future course of Pakistan's goat industry. Farmers can decide how to effectively manage their livestock and produce meat based on knowledge about market trends and the demand for goat meat. By comprehending Pakistan's position in the international meat market, exporters can identify

opportunities and challenges for advancing international trade. The study also underlines the requirement for efficient disease management strategies by illuminating how conditions like lumpy skin disease affect output patterns. The findings also pave the path for additional research on numerous factors that can hit the meat industry in future and their management ideas so that in future the industry will not be affected.