Enhancement of Nutritional Value of Low Cost Available Poultry Feed Using Fruits and Vegetables Waste

Ankita Siwach
Department of Zoology, Faculty of Science, Baba Mastnath University (BMU), Asthal Bohar, Rohtak, Haryana, India

Dr. Anil Kumar
Department of Zoology, Faculty of Science, Baba Mastnath University (BMU), Asthal Bohar, Rohtak, Haryana, India

Abstract

Food waste and its impact on environment have a serious problem in the world. Fruit and vegetable waste, in particular, has been identified as significant contributor to this problem. Fruit and vegetable waste offers a rich source of nutrients, including carbohydrates, protein, vitamins, and minerals, which are essential for growth and development of chick fowl. Moreover, the inclusion of this waste in their diet can potentially reduce the cost of feed production, improving economic efficiency for poultry farmers. Seeking an innovative and sustainable solution, we have emerged with the idea of utilizing this waste as poultry feed for chick fowl. The purpose of this study is to explore the potential benefits and challenges associated with the utilization of fruit and vegetable waste as poultry feed for chick fowl. By examining existing literature and research in this field, we aim to provide a comprehensive overview of the viability of this innovative approach. However, challenges related to the feasibility, supply chain, and safety considerations need to be thoroughly investigated. Ensuring the safety of chick fowl and subsequently, the consumers of poultry products is of utmost importance. Contaminants such as pesticides and microbial pathogens present in fruit and vegetable waste must be effectively managed. The utilisation of fruit and vegetable waste as poultry feed for chick fowl holds implementation. The issues of food waste, reduce cost, and contribute to enhance nutritional value for sustainable poultry industry by transforming waste into valuable resources like as poultry feed for chick fowl.

Keywords

Food waste, poultry feed, Nutrients.