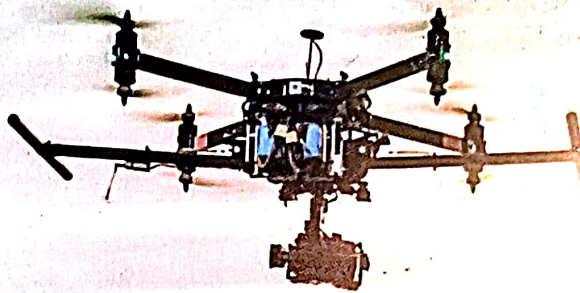


SUSTAINABLE AGRICULTURE SYSTEMS AND TECHNOLOGIES



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CHAPTER 10

Optimizing Dairy Feed Management and Nutrition for Maximum Milk Production and Animal Health

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Abstract

Dairy feed management and nutrition play a pivotal role in the productivity, health, and overall well-being of dairy cattle. This abstract provides a brief overview of key concepts in this field, emphasizing the importance of balanced nutrition, feeding strategies, and their impact on milk production and animal health. It also highlights some of the challenges and emerging trends in dairy feed management and nutrition.

Keywords: Balanced diet, feeding strategies, ration formulation feed additives, forage quality.

Introduction

Feed management and nutrition play crucial roles in the success and profitability of dairy farms in India. Proper feeding practices are essential to ensure optimal milk production, reproductive efficiency, and overall herd health. One of the key factors in feed management is formulating balanced and nutritious rations tailored to meet the specific requirements of each cow based on their age, weight, and production stage.