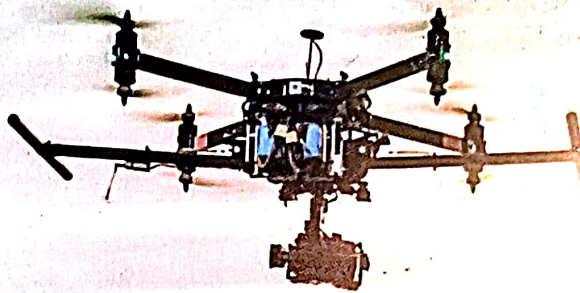


SUSTAINABLE AGRICULTURE SYSTEMS AND TECHNOLOGIES



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CHAPTER 5

Nurturing Tomorrow's Herd: Best Practices in Calf Management and Rearing

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Abstract

Calf management and rearing are critical aspects of livestock and dairy production, influencing animal health, growth, and future productivity. This abstract provides an overview of key concepts in calf management and rearing, including nutrition, housing, health, and their impact on calf well-being and future performance. It also explores the challenges and emerging trends in these fields, emphasizing their importance in ensuring a sustainable and profitable livestock industry.

Keywords: Calf rearing, Calf nutrition, Colostrum intake, Disease prevention, Sustainable practices

Introduction

In India, calf management and rearing are critical aspects of running a successful dairy farm. Calf rearing lays the foundation for a productive and healthy dairy herd in the future. Proper calf management ensures that the calves grow into strong and productive cows, which directly impacts the overall profitability of the farm. To begin with, providing a clean and hygienic environment for newborn calves is essential. Calves should be housed separately from adult cows to reduce the risk of disease