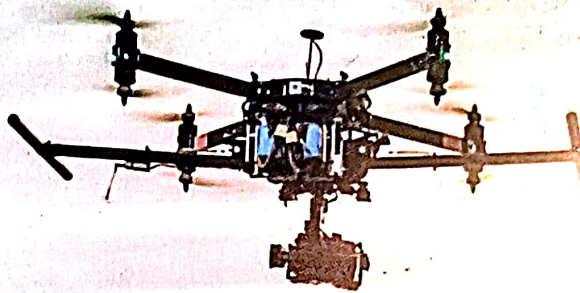


SUSTAINABLE AGRICULTURE SYSTEMS AND TECHNOLOGIES



Vipul Bhatt

Mahima Rana . Bhupinder Singh

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, mechanical or photocopying, recording and otherwise, without prior written permission of the authors and the publisher.

Published by

Academic Publication

B-578, Street No-8,

Near Shanti Palace, 1st Pusta,

Sonia Vihar, Delhi- 110090

Tel.: 9971384665, 9811966603

E-mail : academicpublicationsdelhi@gmail.com

E-mail : academic2014@gmail.in

Ghaziabad office

C-21 Nishant Colony Pavi Loni

Sadak Pur Ghaziabad-201002

First Edition Published, 2024

ISBN : 978-81-19680-74-0

Laser Typesetting by : Tamalika Computers

Printed at : Replika Press Pvt. Ltd.

PUBLISHED IN INDIA
Published by Academic Publication, Delhi-110090

CHAPTER 4

Sustainable Dairy Farming: Balancing Productivity and Environmental Concerns

Devendra Singh Porte, Satyesh Bhatt,

Swati Sao, Amita Paikra,

Rakesh Kumar Ghritlahare

Abstract

Sustainable dairy farming is a critical imperative in today's world, where the growing demand for dairy products must be met without compromising the environment. This paper explores the intricate interplay between productivity and environmental concerns in the context of dairy farming. It delves into the challenges and opportunities associated with achieving sustainability in this sector, examining practices, technologies, and policies that can help strike a delicate balance. Through a comprehensive review of existing literature and case studies, this paper offers insights into the holistic approach required for dairy farming to be truly sustainable. By addressing key issues such as resource utilization, waste management, animal welfare, and economic viability, this study sheds light on the path towards a more environmentally responsible and productive dairy industry.

Keywords: Productivity, resource utilization, animal welfare, economic viability, holistic approach