

Instant Insights

Improving the sustainability of dairy production

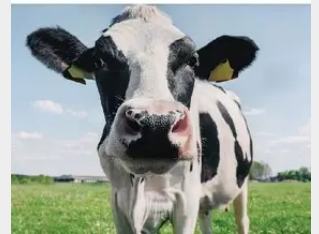
This book features five peer-reviewed reviews on best practices for improving the sustainability of dairy production. The first chapter reviews the main, internationally accepted methods available to evaluate the environmental impact of dairy farming, identify levers of action and set environmental targets. The second chapter considers how dairy farms can manage both energy consumption and water in order to minimise their environmental impacts. The chapter also addresses the issue of sustainable water use. The third chapter provides a compilation of current research which highlights the need to further examine dietary mitigation strategies in ruminant production systems at a whole farm level. The chapter also discusses the range of nutritional strategies available for enteric- and manure-CH₄ abatement. The fourth chapter focusses on the role of the ruminant microbiome in methane emissions and the potential genetic factors affecting microbial composition and emission reduction. The final chapter highlights the growing issue of food loss and waste (FLW) in countries with developed dairy value chains. The chapter discusses the key stages and management practices for reducing FLW in dairy value chains, as well as how decision-making can be improved.

This book provides a detailed overview of recent research that considers how modern dairy production can be optimised to reduce its environmental impact and contribute to achieving a more sustainable agriculture.

BURLEIGH DODDS SCIENCE PUBLISHING

Instant Insights

Improving the
sustainability of dairy
production



66,50 €

66,50 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781801466691

Medium: Buch

ISBN: 978-1-80146-669-1

Verlag: Burleigh Dodds Science
Publishing

Erscheinungstermin: 24.09.2024

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2024

Serie: Burleigh Dodds Science: Instant
Insights

Produktform: Kartoniert

Gewicht: 209 g

Seiten: 122

Format (B x H): 152 x 229 mm

