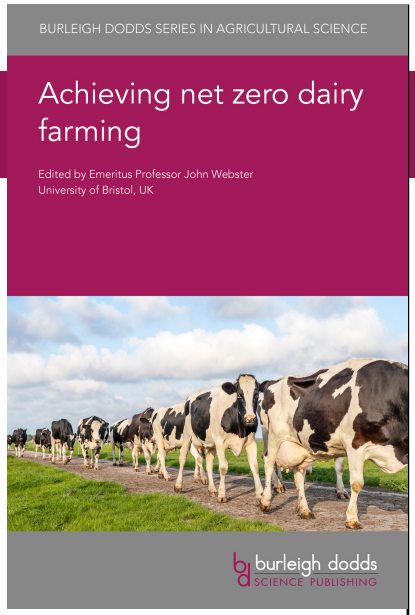

New title information

Achieving net zero dairy farming

Edited by: Emeritus Professor John Webster, University of Bristol, UK

Description:

To meet the targets outlined in the 2015 Paris Agreement, many countries are actively working towards reaching climate neutrality and achieving net zero by 2050. With the livestock sector estimated to contribute approximately 11-17% of global greenhouse gas emissions, more research and innovation is required to understand the cause of these emissions and how they can be reduced.

Achieving net zero dairy farming provides a detailed insight into the fundamental processes within the dairy cow and those that occur on dairy farms that contribute to and reduce greenhouse gas emissions. The book also considers the range of strategies which can be implemented to support the transition to net zero, including improving housing and housing management, supplementing diets with methane-inhibiting feed additives and optimising manure/slurry application.

Key features:

- Assesses recent advances in understanding fundamental processes within the dairy cow and on dairy farms
- Reviews current methods for measuring emissions from dairy farming
- Considers the range of strategies that can be implemented to achieve net zero dairy farming

Audience:

University and other researchers in dairy science, environmental scientists, dairy farmers and livestock advisors, as well as government and other agencies supporting the transition to net-zero in agriculture.

Editor details:

Dr John Webster is Emeritus Professor in Animal Husbandry at the University of Bristol, UK. He established the Animal Welfare and Behaviour Group at the University of Bristol, one of the largest and most highly-regarded of its kind in the world, and was a founder member of the Farm Animal Welfare Council which pioneered the Five Freedoms for farm animals. Professor Webster is editor of an earlier Burleigh Dodds Science Publishing volume: *Achieving sustainable production of milk Volume 3: Dairy herd management and welfare* (published in 2017). Other key books written or edited by Professor Webster include *Understanding the Dairy Cow* and *Animal Husbandry Regained: the place of farm animals in sustainable agriculture.*

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Color tables, photos and figures

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Distributors

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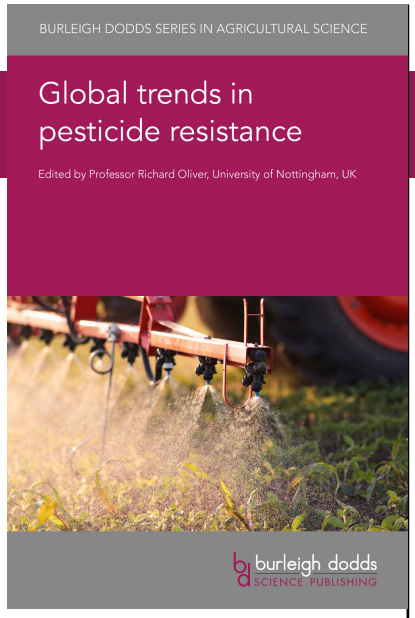
Comparative titles:

Bartzanas, T. (ed) Technology for Environmentally Friendly Livestock Production, Springer, 2023, 316pp, $200, print ISBN: 978-3-03119-729-1
Kumar, S. and Meena, R. S. (eds) Agriculture Towards Net Zero Emissions, Academic Press, 2025, 500pp, $200, print ISBN: 978-0-44313-985-7
Ward, N. Net Zero, Food and Farming: Climate Change and the UK Agri-Food System, Routledge, 2022, 268pp, $180, print ISBN: 978-1-03224-426-6

Related titles:

Achieving sustainable production of milk Volume 2, 978-1-78676-048-7, Jun 06 2017, USD$220.00 / CAD$290.00
Advances in sustainable dairy cattle nutrition, 978-1-80146-205-1, Mar 14 2023, USD$195.00 / CAD$255.00
Assessing the environmental impact of agriculture, 978-1-78676-228-3, Aug 27 2019, USD$210.00 / CAD$270.00
Improving rumen function, 978-1-78676-332-7, Jun 23 2020, USD$245.00 / CAD$325.00
Reducing greenhouse gas emissions from livestock production, 978-1-78676-439-3, Jul 20 2021, USD$195.00 / CAD$255.00

Table of contents:



New title information

Global trends in pesticide resistance

Edited by: Professor Richard Oliver, University of Nottingham, UK

Description:

Pesticide resistance remains a growing problem in the agricultural sector worldwide, with reports suggesting that more than 600 species of pests have developed some level of resistance to the key groups of pesticides, including fungicides, insecticides and herbicides. A greater research effort is required to understand patterns of resistance and how they can be addressed to maintain crop protection.

Global trends in pesticide resistance provides a comprehensive overview of pesticide use in particular regions around the world and the consequent development of resistance to the key groups of pesticides. The book reviews what we know about current patterns of resistance, gaps in knowledge, likely future trends in resistance and potential solutions such as integrated disease, pest and weed management.

Key features:

- Provides a truly global insight into pesticide use and pesticide resistance
- Brings together the latest information on patterns of resistance in different regions and what this means for the future of pesticide use
- Considers potential solutions such as more targeted pesticide use and role of alternative approaches, including integrated disease, pest and weed management

Audience:

University and other researchers in entomology and plant pathology departments, government agencies involved in pesticide regulation and crop protection, agricultural policy makers and pesticide manufacturers.

Editor details:

Professor Richard Oliver was formerly John Curtin Distinguished Professor in the Centre for Crop Disease Management at Curtin University, Australia. He is currently an Honorary Professor at the University of Nottingham, UK. Amongst numerous achievements, he has been a Visiting Professor at Wageningen University in The Netherlands as well as a Past President of the British Society for Plant Pathology.

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24 Jan 2026

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USD$230 / CAD$300

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6 × 9, 600 pages

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Color tables, photos and figures

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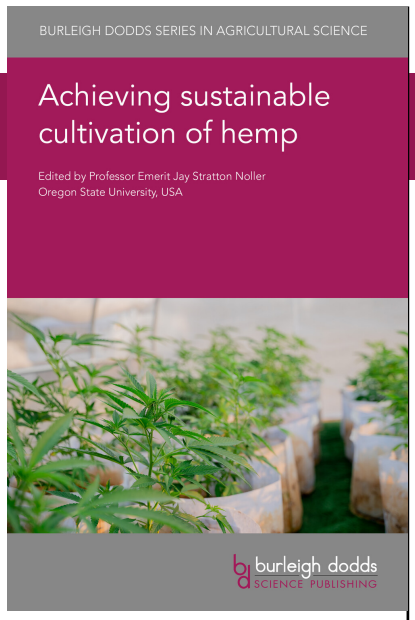
Comparative titles:

Ishii, H. and Hollomon, D. H. (eds) Fungicide Resistance in Plant Pathogens, Springer, 2015, 499pp, $250, print ISBN: 978-4-43155-641-1
Onstad, D. W. and Knolhoff, L. M. (eds) Insect Resistance Management: Biology, Economics and Prediction, 3rd edition, Academic Press, 2022, 580pp, $135, print ISBN: 978-0-12823-787-8
Stevenson, K. L., McGrath, M. T. and Wyenandt, C. A. (eds) Fungicide Resistance in North America, 2nd edition, American Phytopathological Society, 411pp, $250, print ISBN: 978-0-89054-621-5
Tanda, A. S. (ed) Molecular Advances in Insect Resistance of Field Crops: Modern and Applied Approaches, Springer, 2022, 441pp, $200, print ISBN: 978-3-03092-151-4

Related titles:

Achieving durable disease resistance in cereals, 978-1-78676-601-4, Oct 19 2021, USD$235.00 / CAD$305.00
Advances in integrated weed management, 978-1-78676-745-5, Apr 26 2022, USD$195.00 / CAD$255.00
Integrated management of insect pests: Current and future developments, 978-1-78676-260-3, Oct 29 2019, USD$245.00 / CAD$325.00
Pesticides and agriculture, 978-1-78676-276-4, Aug 06 2018, USD$220.00 / CAD$290.00
Understanding and minimising fungicide resistance, 978-1-80146-198-6, Sep 26 2023, USD$195.00 / CAD$255.00

Table of contents:



New title information

Achieving sustainable cultivation of hemp

Edited by: Professor Emerit Jay Stratton Noller, Oregon State University, USA

Description:

The global industrial hemp market is estimated to reach $18.6 billion by 2027, with hemp now recognised as a more sustainable crop due to its ability to absorb and store up to twice as much carbon as trees. Despite its versatility, there remains significant concerns surrounding its regulation, as well as consumer understanding and acceptance of hemp and hemp-derived products.

Achieving sustainable cultivation of hemp provides a comprehensive overview of the wealth of research on the global production of industrial hemp and its contribution to the development of more sustainable products. The book also considers different applications of hemp, such as its use in the construction industry and as feed for livestock and fish, as well as the environmental impact of its production.

Key features:

- Considers both traditional and modern applications of hemp, including its use in construction and as livestock and fish feed
- Discusses consumer attitudes to hemp production and the role of the supply chain in allowing hemp to reach its full potential
- Addresses the range of abiotic and biotic stresses affecting hemp, as well as the role of improved resistance in mitigating them

Audience:

University and other researchers involved in hemp agronomic research, hemp growers and farmers, as well as government and other agencies responsible for regulating industrial hemp production.

Editor details:

Dr Jay Stratton Noller is Founder and Former Director of the Global Hemp Innovation Center at Oregon State University, USA, which was launched in 2019. Now retired, Dr Noller is also Professor Emerit of Oregon State University. From 2011 to 2023, Dr Noller also led hemp research for the State of Oregon, has co-authored legislative bills and administrative rules for USA, Washington and Oregon hemp industry, has advised several countries on hemp policies, and has developed collaborative research agreements and partnerships on hemp at over 20 institutions worldwide.

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24 Feb 2026

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Distributors

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Print books

Taylor & Francis Group an informa business

eBooks (worldwide)

Tip Sheet updated 11/26/25

Comparative titles:

Bouloc, P., Allegret, S. and Arnaud, L. (eds) Hemp: Industrial Production and Uses, CABI, 2013, 328pp, $190, print ISBN: 978-1-84593-793-5
Dhondt, F., Muthu, S. S. (eds) Hemp and Sustainability, Springer, 2021, 132pp, $160, print ISBN: 978-9-81163-333-1
Pojić, M. and Tiwari, B. (eds) Industrial Hemp: Food and Nutraceutical Applications, Academic Press, 2022, 398pp, $150, print ISBN: 978-0-32390-910-5

Related titles:

Achieving sustainable greenhouse cultivation, 978-1-78676-280-1, Sep 10 2019, USD$220.00 / CAD$290.00
Advances in plant factories, 978-1-80146-316-4, Aug 29 2023, USD$210.00 / CAD$270.00

Table of contents: