

Achieving sustainable production of pig meat

Volume 3: Animal health and welfare

Edited by Professor Julian Wiseman
University of Nottingham, UK



 burleigh dodds
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Achieving sustainable production of pig meat Volume 3

Animal health and welfare

Edited by: Prof. Julian Wiseman, University of Nottingham, UK

Endorsement:

"Pig production is one of the major protein sources for society worldwide. This impressive collection of articles from leading pig scientists illustrates how much we know about the domestic pig - and where opportunities to expand our knowledge will emerge. It captures both the academic and commercial perspective and will undoubtedly provide the go-to-reference for students, teachers, practitioners alike for many years to come."

Professor Bruce Whitelaw, Interim Director - The Roslin Institute, University of Edinburgh, UK

Description:

Pig meat is the most widely-consumed meat in the world. Previous growth in production has relied, in part, on more intensive systems. In meeting rising demand, these systems face challenges such as the ongoing threat of zoonotic diseases, the need to improve feed efficiency in the face of rising costs, the need to reduce the environmental impact of pig production and increasing concerns about animal welfare.

This volume looks at animal health and welfare. Part 1 reviews the main diseases affecting pigs as well as ways of managing diseases and boosting pig immune function. Part 2 reviews what we know about pig behaviour and appropriate welfare standards. It also assesses the welfare of different groups of pigs, from gilts and sows to weaned piglets and finishing pigs, as well as transport, lairage and slaughter.

With its distinguished editor and international team of expert authors, this will be a standard reference for researchers in swine science, producers, government and other organisations involved in supporting pig production. It is accompanied by two companion volumes which focus on safety, quality and sustainability as well as animal breeding and nutrition.

Key features:

- Reviews latest research on diseases affecting pigs and their management
- Comprehensive review of pig welfare across the life-cycle, from gilts and sows to weaned piglets and finishing pigs
- Includes generic welfare issues such as the role of pasture-based systems, humane transport, lairage and slaughter techniques

Audience:

Academic researchers in swine science; pig producers; pig meat processors; government and non-governmental agencies supporting pig meat production

Editor details:

Dr Julian Wiseman is Professor of Animal Production at the University of Nottingham, UK. He has published widely in the area of non-ruminant nutrition, presented papers at some of the leading international conferences in this area and has written or edited a number of books on animal nutrition. He is co-organiser of the annual Nottingham Feed Conference.

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Related products:

- Achieving sustainable production of pig meat Volume 1, 978-1-78676-088-3, 30 Nov 2017, GBP 130.00, EUR 155.00, USD 165.00, CAD 220.00, and AUD 235.00
- Achieving sustainable production of pig meat Volume 2, 978-1-78676-092-0, 09 Oct 2017, GBP 160.00, EUR 190.00, USD 200.00, CAD 270.00, and AUD 290.00
- Improving organic animal farming, 978-1-78676-180-4, 31 May 2018, GBP 200.00, EUR 240.00, USD 250.00, CAD 340.00, and AUD 360.00