

## Achieving sustainable production of eggs

Volume 2: Animal welfare and sustainability

Edited by Professor Julie Roberts  
University of New England, Australia



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SCIENCE PUBLISHING

## New book advance information

# Achieving sustainable production of eggs Volume 2

## Animal welfare and sustainability

Edited by: Julie Roberts, University of New England, Australia

### Endorsement:

"The proposed content of the book is excellent - an outstanding and comprehensive compilation of current knowledge by the world's foremost experts, on a topic that is highly relevant. This will be a must-have reference resource for egg producers, poultry scientists, food scientists, government regulatory agencies, and students. Congratulations - this is a major scholarly contribution to your colleagues and peers everywhere."

*Emeritus Professor Robert F. Wideman, Center of Excellence for Poultry Science, University of Arkansas, USA*

### Key features:

- Discusses latest research on welfare issues for laying hens such as beak trimming;
- Summarises advances in optimising hen nutrition and health;
- Assesses developments in reducing the environmental impact of egg production

### Description:

World egg consumption is increasing, particularly in developing countries. This creates new challenges, particularly for more intensive systems which have played a major role in increasing production and productivity. Intensive systems face a continuing threat from zoonoses. At the same time, consumer expectations about both safety, sensory and nutritional quality have never been higher. There is also increasing concern about the environmental impact of and animal welfare issues in egg production.

Drawing on an international range of expertise, this book reviews key research addressing these issues. Part 1 looks at advances in understanding and improving the welfare of hens, from welfare standards to nutrition and other aspects of husbandry. Part 2 discusses sustainability issues, from ways of measuring the environmental impact of egg production to ways of improving sustainability such as improved waste management.

*Achieving sustainable production of eggs Volume 2: Animal welfare and sustainability* will be a standard reference for poultry and food scientists in universities, government and other research centres and companies involved in egg production. It is accompanied by Volume 1 which reviews safety and quality issues.

### Editor details:

Dr Julie Roberts is Associate Professor in the School of Environmental and Rural Science at the University of New England, Australia. She is internationally-renowned for her research on egg production, particularly egg shell quality. She has been awarded the Australian Poultry Award for her outstanding contribution to poultry science.

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TVHP - Poultry farming  
TVF - Sustainable agriculture  
TVHB - Animal breeding



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