

Improving standards and certification in agri-food supply chains

Ensuring safety, sustainability and social responsibility

Edited by Professor Louise Manning, University of Lincoln, UK



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Improving standards and certification in agri-food supply chains

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Description:

There is increasing scrutiny of the safety, environmental and social impact of food production by both consumers and governments. However, ensuring safe, sustainable and socially responsible agricultural production is crucially reliant on farmers and others complying with an increasingly complex range of standards and certification schemes.

Improving standards and certification in agri-food supply chains: Ensuring safety, sustainability and social responsibility provides an authoritative overview of the range of standards used to maintain and improve quality, environmental and ethical standards in agri-food supply chains. The book considers the role of good agricultural practices (GAPs), as well as key organisations, such as the Sustainable Agriculture Network, LEAF and the Rainforest Alliance, in ensuring high standards.

In its extensive review of agri-food supply chains, the book showcases how crucial complying with standards and schemes is to ensuring safe, sustainable and socially responsible agricultural production.

Key features:

- Considers a range of techniques used for measuring compliance and improving performance across the agri-food supply chain, including those used to measure on-farm carbon footprints and biodiversity
- Provides a useful and comprehensive context to the role of governments and other food safety agencies in setting safety, quality and sustainability standards for global agri-food supply chains
- Reviews the key issues in developing voluntary standards, focussing on those encountered during the development of robust carbon-neutral and biodiversity offsetting certification schemes

Audience:

Those researching safety and quality in agri-food supply chains in universities and other research centres, environmental scientists, NGOs, as well as governmental and other food safety agencies responsible for setting standards and developing certification schemes to achieve safer, more sustainable and socially responsible agricultural production

Editor details:

Dr Louise Manning is Professor of Sustainable Agri-food Systems at the Lincoln Institute for Agri-food Technology at the University of Lincoln, UK. With over 30 years of experience in both industry and research, and over 125 peer-reviewed publications, Professor Manning is internationally-renowned for both her research and consultancy work on food safety and quality, agri-food systems, food integrity and crime. She is an Associate Editor for the *British Food Journal* and is a member of the Board of Trustees for Rothamsted Research. Professor Manning has previously edited *Developing smart agri-food supply chains: Using technology to improve safety and quality*, published by Burleigh Dodds Science Publishing in 2021.

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