

## Advances in Conservation Agriculture

Volume 3: Adoption and Spread

Edited by Professor Amir Kassam  
University of Reading, UK and Moderator, Global Conservation  
Agriculture Community of Practice (CA-CoP), FAO, Rome, Italy



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# Advances in Conservation Agriculture Volume 3

## Adoption and Spread

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Moderator, Global Conservation Agriculture Community of  
Practice (CA-CoP), FAO, Rome, Italy

### Endorsement:

"With comprehensive global coverage, this remarkable compilation will stand as a milestone on the road to transforming agriculture, illustrating how innovative farmers around the world are adapting their practices to ditch the plow, cover up, and grow diversity." *David R. Montgomery, author of Dirt: The Erosion of Civilisations and Growing a Revolution: Bringing Our Soil Back to Life*

### Description:

With growing scientific concern around the limitations of tillage-based agriculture, coupled with the sector's need to contribute to being more sustainable, the development and adoption of alternative farming techniques has never been more important. Conservation Agriculture (CA) is emerging as a key alternative. The foundations of CA are built upon the use of no-till techniques and the use of rotations and cover crops to optimise different aspects of soil and crop health and resilience.

*Advances in Conservation Agriculture Volume 3: Adoption and Spread* provides an authoritative review from an array of international experts on the adoption of CA principles in different regions around the world. The final volume in this collection reviews the effectiveness of CA in differing contexts (e.g. in drier conditions where water conservation is important or in areas with poor soil) and refers to the wealth of research and experiential evidence currently available.

### Key features:

- Summarises current research on the adoption of CA principles in different regions around the world
- Highlights the emergence of Conservation Agriculture (CA) as a key alternative to tillage-based agriculture
- Reviews the challenges of effective implementation of CA in different contexts (e.g. drier conditions, poor soil quality)

### Audience:

Crop scientists researching low-input and organic agriculture, soil scientists, national organisations responsible for improving agricultural practices and sustainability, farmers.

### Editor details:

**Professor Amir Kassam** is Visiting Professor at the University of Reading (UK) and Moderator of the FAO-hosted Global Platform for Conservation Agriculture Community of Practice (Global CA-CoP). He is a Fellow of the Royal Society of Biology (UK) and has received an OBE from the British Government for services to tropical agriculture and to rural development. Prof. Kassam is Chair of the International Conservation Agriculture Advisory Panel for Africa (ICAAP-Africa), Member of the European Conservation Agriculture Federation (ECAAF) and Vice-Chair of the Conservation Agriculture Association for the UK (CA-UK). He is former Chair of the Aga Khan Foundation (UK), the FOCUS Humanitarian Assistance Europe Foundation and the Tropical Agriculture Association (TAA). He has held senior positions at international organisations such as the FAO and CGIAR and has worked with many national and international programmes on sustainable agricultural development.

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### Related products:

- Advances in Conservation Agriculture Volume 1, 978-1-78676-264-1, 21 Jan 2020, GBP 150.00, EUR 180.00, USD 195.00, CAD 255.00, and AUD 270.00
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