

## 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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## New title information

# Advances in Conservation Agriculture Volume 3

## Adoption and Spread

Edited by: Amir Kassam, University of Reading, UK and  
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.

Edited by Professor Amir Kassam, University of Reading, UK, *Advances in Conservation Agriculture Volume 3: Adoption and Spread* will be a standard reference for those interested in adopting CA principles, including crop scientists researching low-input and organic agriculture, soil scientists, national organisations responsible for improving agricultural practices and sustainability, as well as farmers.

### 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 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.

### Table of contents:

- 1.Global adoption and spread of Conservation Agriculture: *Amir Kassam, University of Reading, UK*
- 2.Conservation Agriculture in west and central Canada: *Tom Goddard, Alberta Agriculture and Forestry, Canada*
- 3.Conservation Agriculture in the USA: *Sjoerd Duiker, Penn State University, USA*
- 4.Conservation Agriculture in Central America, the Caribbean and Mexico: *Jose Benites, Independent Consultant on Land and Water, Peru*
- 5.Conservation Agriculture in South America: *Dr Rafael Fuentes*
- 6.Conservation Agriculture in Europe: *Emilio Gonzalez, University of Cordoba, Spain*
- 7.Conservation Agriculture in North Africa: *Rachid Mrabet, INRA, Morocco*
- 8.Conservation Agriculture in West and Central Africa: *Lamourdia Thiombiano, Ministry of Agriculture and Agriculture Water Management, Burkina Faso*
- 9.Conservation Agriculture in Eastern and Southern Africa: *Eng Saidi Mkomwa, African Conservation Tillage Network, Kenya*
- 10.From theory to practice – key lessons in the adoption of Conservation Agriculture in South Africa: *Henrik Smith, Grain SA, South Africa*
- 11.Conservation Agriculture in West Asia: *Isam Bashour, American University of Beirut, Lebanon*
- 12.Conservation Agriculture in Central Asia: *Aziz Nurbekov, Tashkent State Agrarian University, Uzbekistan;*
- 13.Conservation Agriculture in Eurasia: *Hafiz Muminjanov, FAO, Italy;*
- 14.Conservation Agriculture in South Asia: *Yashpal Saharawat, ICARDA, India*
- 15.Conservation Agriculture in South-East Asia: *Yuji Niino, FAO Regional Office for Asia and the Pacific, Thailand*
- 16.Conservation Agriculture in East Asia: *Li Hongwen, China Agricultural University, China*
- 17.Conservation Agriculture in Australia and New Zealand: *John Rochecouste, Grain Research and Development Corporation, Australia*

### 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
- Advances in Conservation Agriculture Volume 2, 978-1-78676-268-9, 21 Jan 2020, GBP 150.00, EUR 180.00, USD 195.00, CAD 255.00, and AUD 270.00
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