

## Improving soil health

Edited by Professor William Horwath  
University of California-Davis, USA



**bd** burleigh dodds  
SCIENCE PUBLISHING

### Publication date

26 Apr 2022

### Price

£150 / \$195 / C\$255 / €180 / A\$270

### ISBN

Hardback: 978-1-78676-670-0

Mobi: 978-1-78676-671-7

PDF: 978-1-78676-673-1

ePub: 978-1-78676-672-4

### Format

152 × 229 mm / 6 × 9 in, 400 pages

### Illustrations

Color tables, photos and figures

### Series

Burleigh Dodds Series in Agricultural  
Science: no. 109

### BIC/THEMA classification

RBGB - Soil science, sedimentology, TVF  
- Sustainable agriculture, TVB -  
Agricultural science, TVK - Agronomy &  
crop production

### Distributors

**INGRAM** Publisher  
Services UK

Print books (exc. US and Canada)



eBooks (worldwide)

Updated 06/12/21

## New title information

# Improving soil health

Edited by: Professor William Horwath, University of  
California-Davis, USA

### Description:

Improving soil health is increasingly seen as the foundation for 'climate-smart' and more sustainable crop production based on agroecological principles.

Improving soil health provides a comprehensive coverage of recent research on the effects of different management strategies on the physical, chemical and biological properties of soils. The collection offers an assessment of the key management strategies implemented as a means for improving soil health, crop yields and ecosystem productivity, including zero tillage, intercropping, crop rotation, cover crops and organic amendments.

Edited by **Professor William Horwath**, University of California-Davis, USA, *Improving soil health* will be a standard reference tool for researchers in soil and crop science, government and other agencies monitoring the health of agricultural soils, companies providing soil monitoring and management services and farmers wishing to further their knowledge on the latest developments in soil monitoring.

### Key features:

- Assesses the viability of management strategies implemented to improve soil health, e.g. intercropping and zero tillage
- Provides a comprehensive coverage of the dimensions of soil health
- Reviews the role of organic and other amendments in improving soil health

### Audience:

Researchers in soil and crop science, government and other agencies monitoring the health of agricultural soils, companies providing soil monitoring and management services and farmers wishing to further their knowledge on the latest developments in soil monitoring

### Editor details:

**Dr William Horwath** is Professor of Soil Biogeochemistry and J. G. Boswell Endowed Chair in Soil Science at the University of California-Davis, USA, where he is also Director of the Sustainable Agriculture Farming Systems Project. He is the current chair of the Department of Land, Air and Water Resources at the university. Professor Horwath is Editor of the *Soil Science Society of America (SSSA) Journal* and is a Fellow of the SSSA. He has published widely on measuring and improving soil health.

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