**Springer**1st
edition2014, XIV, 384 p. 71 illus.,
59 illus. in color.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-3-642-55261-8

£ 149,99 | CHF 200,50 | 169,99 € |
186,99 € (A) | 181,89 € (D)

Available

Discount group

Science (SC)

Product category

Contributed volume

Series

Biotechnology in Agriculture and Forestry

Other renditions

Softcover

ISBN 978-3-662-52100-7

Softcover

ISBN 978-3-642-55263-2

Life Sciences : Agriculture

Songstad, D.D., Hatfield, J.L., Tomes, D.T. (Eds.)

Convergence of Food Security, Energy Security and Sustainable Agriculture

- The key to a stable global agricultural platform to feed the world
- Written by experts
- Richly illustrated

This volume examines the interrelated fields of food security, energy security and sustainable agriculture as the key to a stable global agricultural platform and is arranged in six parts. The first part is focused on policy considerations relating to food and energy security and sustainable agriculture. The authors from this part include Former Under Secretary of Agriculture Gale Buchanan, Former Under Secretary of Energy Raymond Orbach (Chapter 1), Stephen Hughes, Bryan Moser and William Gibbons (Chapter 2) and Thomas Redick (Chapter 3). Part II addresses soil and water, which are two of the key components in secure and sustainable food production. Authors from this part are Jerry Hatfield (Chapter 4) and Mahbub Alam, Sharon Megdal et al. (Chapter 5). The third part covers sustainable and secure food production specifically addressing genetically modified traits in Chapter 6 (James McWilliams) and omega-3 fatty acids in Chapter 7 (Jay Whelan et al.). Agronomic implications relative to food security and sustainable agriculture are described in Part IV. Authors include Ravi Sripada, Pradip Das et al. (Chapter 8), Duska Stojsin, Kevin Matson and Richard Leitz (Chapter 9) and S.H. Lee, David Clay and Sharon Clay (Chapter 10). International sustainable agriculture and food security is addressed in Part V with authors Jeff Vitale and John Greenplate (Chapter 11), Julie Bortaug et al. (Chapter 12) and Sylvester Oikeh et al. (Chapter 13).

Order online at springer.com/booksellers**Springer Nature Customer Service Center GmbH**

Customer Service

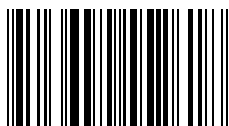
Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-booksellers@springernature.com



ISBN 978-3-642-55261-8 / BIC: TVB / SPRINGER NATURE: SCL11006

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.