

# Achieving sustainable cultivation of sorghum

VOLUMES 1 & 2

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## Achieving sustainable cultivation of sorghum - Vol.1

### Genetics, breeding and production techniques

Edited by: Professor William Rooney, Texas A&M University, USA

#### KEY FEATURES

- Comprehensive coverage of the latest research on the genetic diversity and genomics of sorghum
- Reviews key developments in breeding, from conventional to marker-assisted techniques, as well their application in developing higher-yielding, more stress-resistant varieties
- Discusses key elements in integrated crop, pest and weed management

#### CONTENTS

##### Part 1 Sorghum the crop species

1. Classifying the genetic diversity of sorghum: a revised classification of sorghum: J. A. Dahlberg, Kearney Agricultural Research and Extension Center – University of California, USA; and D. T. Rosenow (deceased), Agricultural Research and Extension Center – Texas A & M University, USA
2. The comparative and evolutionary genomics of sorghum: Elizabeth A. Cooper and Stephen Kresovich, Clemson University, USA
3. Ensuring the genetic diversity of sorghum: Hari D. Upadhyaya and Mani Vetriventhan, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), India

##### Part 2 Sorghum improvement techniques

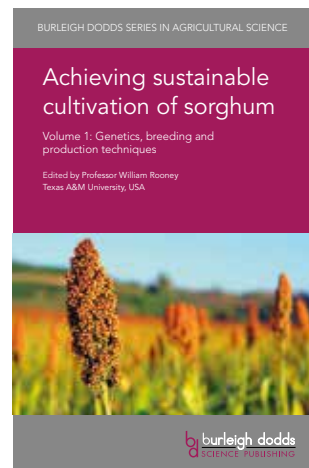
4. The principles and processes of sorghum breeding: Cleve D. Franks, DuPont Pioneer, USA
5. Advanced technologies to accelerate sorghum breeding: Joseph E. Knoll, USDA-ARS, USA
6. Harnessing genetic and genomic resources to transform the production and productivity of sorghum: Tesfaye T. Tesso, Dereje D. Gobena, Dechassa O. Duressa, Kraig Roozeboom, Krishna Jagadish, Ramasamy Perumal, Desalegn D. Serba and Dilooshi Weerasooriya, Kansas State University, USA
7. Sorghum breeding for biotic stress tolerance: Ramasamy Perumal, Kansas State University, USA; Clint W. Magill, Texas A&M University, USA; Gary C. Peterson, Texas A&M AgriLife Research and Extension Center, USA; and Elfadil M. Bashir, Tesfaye T. Tesso, Desalegn D. Serba and Christopher R. Little, Kansas State University, USA
8. Sorghum breeding for abiotic stress tolerance: John J. Burke, USDA-ARS, USA
9. Sorghum tolerance to low phosphorus soil conditions: Willmar L. Leiser, University of Hohenheim, Germany; H. Frederick Weltzien- Rattunde and Eva

Weltzien-Rattunde, University of Wisconsin-Madison, USA; and Bettina I.G. Haussmann, University of Hohenheim, Germany

10. Advanced testing, multiplication and release of new sorghum varieties: Roger L. Monk, formerly DuPont Pioneer, USA

##### Part 3 Sorghum production techniques

11. Crop management practices for grain sorghum: an overview: M. Djanaguiraman, P. V. V. Prasad and I. A. Ciampitti, Kansas State University, USA
12. Improving soil and crop nutrition management in sorghum cultivation: David Mengel, Kansas State University, USA
13. Improving water management in sorghum cultivation: Jourdan Bell, Texas A&M AgriLife Research and Extension, USA; Robert C. Schwartz, USDA-ARS Conservation and Production Research Laboratory, USA; Kevin McInnes, Texas A&M University, USA; and Qingwu Xue and Dana Porter, Texas A&M AgriLife Research and Extension, USA
14. Insect pests and their management in sorghum cultivation: Bonnie B. Pendleton, West Texas A&M University, USA
15. Sorghum diseases and their management in cultivation: seedling, seed, panicle and foliar diseases: Chris Little, Y. M. A. Y. Bandara and Ramasamy Perumal, Kansas State University, USA
16. Diseases of sorghum: stalk, root and other diseases: Chris Little, Y. M. A. Y. Bandara and Ramasamy Perumal, Kansas State University, USA
17. Weed management in sorghum cultivation: M. Bagavathiannan, Texas A&M University, USA; W. Everman, North Carolina State University, USA; P. Govindasamy, Texas A&M University, USA; A. Dille and M. Jugulam, Kansas State University, USA; and J. Norsworthy, University of Arkansas, USA
18. Post-harvest management of sorghum: B. Tran and R. Hodges, Natural Resources Institute – University of Greenwich, UK



#### Editor biography

**Dr William Rooney** is Professor in the Department of Soil and Crop Science at Texas A&M University, USA. He has written widely on sorghum breeding and released a number of new varieties for use both in the US and Central America. He is a member and current Chair of the Sorghum Improvement Conference of North America which brings together experts from a number of universities to improve sorghum cultivation.

**"A comprehensive update on "why do" sorghum and "how to do" sorghum in both developed and developing countries." John F. Leslie, University Distinguished Professor, Kansas State University, USA**

## Achieving sustainable cultivation of sorghum - Vol.2

### Sorghum utilization around the world

Edited by: Professor William Rooney, Texas A&M University, USA

#### KEY FEATURES

- Discusses latest research on sorghum structure, chemistry and physiology
- Reviews varied uses of sorghum as a feed and feed grain, forage and energy crop
- Includes case studies of key challenges facing sorghum cultivation in regions such as Asia, Africa and South America

#### CONTENTS

##### Part 1 Sorghum utilization

1. Structure and chemistry of sorghum grain: S. R. Bean, B. P. Ioerger, J. D. Wilson, M. Tilley, D. Rhodes and T. J. Herald, USDA-ARS, USA
2. The domestication, spread and uses of sorghum as a crop: F. M. Shapter, A. Crowther, G. Fox, I. D. Godwin and L. Watson-Fox, University of Queensland, Australia; I. J. C. Hannah, AGR Industries, Australia; and S. L. Norton, Agriculture Victoria, Australia
3. Growth, development and physiology of grain sorghum: M. Djanaguiraman, P. V. V. Prasad and I. A. Ciampitti, Kansas State University, USA
4. Sorghum as a food grain: Barbara J. Stoecker, Oklahoma State University, USA; Kebede Abegaz, Hawassa University, Ethiopia; and Yewelsew Abebe, Alive and Thrive, Ethiopia
5. Sorghum as a forage and energy crop: Scott Staggenborg and Hui Shen, Chromatin Inc., USA

##### Part 2 Sorghum production and improvement across the world

6. Introducing new technologies and market strategies for sorghum producers in developing countries: the Sahel case: John H. Sanders, Purdue University, USA; Botorou Ouendeba, former Director of the 3N Program, Niger; Ababacar Ndoeye, former Director of the Institute of Food Technology, Senegal; and Niaba Témé, Institute of the Agricultural Economy (IER), Mali
7. Improving sorghum cultivation in South America: Rafael Augusto da Costa Parrella, Robert Eugene Schaffert, Cicero Bezerra de Menezes, José Avelino Santos Rodrigues, Jurandir Vieira Magalhães, Cynthia Maria Borges Damasceno,

8. Improving production and utilization of sorghum in Asia: Aruna C., B. Dayakar Rao, Vilas A. Tonapi and T. G. Nageswar Rao, Indian Institute of Millets Research, India
9. Sorghum cultivation and improvement in West and Central Africa: E. Weltzien and H. F. W. Rattunde, University of Wisconsin-Madison, USA, formerly International Crop Research Institute for the Semi-Arid Tropics (ICRISAT), Mali; T. A. van Mourik, International Potato Center, Ghana; and H. A. Ajeigbe, International Crop Research Institute for the Semi-Arid Tropics (ICRISAT), Nigeria

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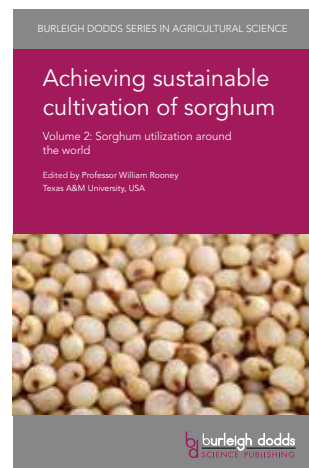
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