



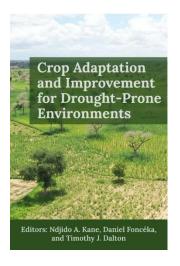




Crop Adaptation and Improvement for Drought-Prone Environments

https://bit.ly/crop-adaptation-book





Foreward

https://bit.ly/crop-adaptation-book-foreward



Preface

https://bit.ly/crop-adaptation-book-preface



Acknowledgements

https://bit.ly/crop-adaptation-book-acknowledgements



Editorial Team and Contributors

https://bit.ly/crop-adaptation-book-editorial-team-and-contributors



Socio-Economic Analysis of Dryland Crops Production

Chapter 1. Production and Consumption Trends of Dryland Staples in CORAF Nations https://bit.ly/crop-adaptation-book-chapter1



Chapter 2. Assessment of Farmers' Groundnut Varietal Trait Preferences and Production Constraints in the Groundnut Basin of Senegal https://bit.ly/crop-adaptation-book-chapter2



Chapter 3. Yield Response of Dryland Cereals to Fertilizer on Smallholder Farms in Mali https://bit.ly/crop-adaptation-book-chapter3



Chapter 4. Counterfeit Herbicides, Productivity and Family Labor Use on Farms in Mali: A Multivalued Treatment Approach

https://bit.ly/crop-adaptation-book-chapter4



Chapter 5. Economic Risks and Uncertainties in a Context of Climate Change: Teachings on the Use of Information Systems in the Senegalese Groundnut Basin https://bit.ly/crop-adaptation-book-chapter5



Chapter 6. Consumer Willingness to Pay for Millet-based Food Attributes in Niger https://bit.ly/crop-adaptation-book-chapter6



Advanced Phenotyping and Crop Modelling for Adaptation to Drylands

Chapter 7. UAV Method Based on Multispectral Imaging for Field Phenotyping https://bit.ly/crop-adaptation-book-chapter7



Chapter 8. Agro-physiological Responses of 10 West Africa Sorghum Varieties to Early Water Deficit Assessed by UAV and Ground Phenotyping https://bit.ly/crop-adaptation-book-chapter8



Chapter 9. Toward a Regional Field Phenotyping Network in West Africa https://bit.ly/crop-adaptation-book-chapter9



Chapter 10. High-throughput Root Phenotyping: Opportunities and Challenges for the Adaptation of Arid and Semi-arid Crops to Future Climates https://bit.ly/crop-adaptation-book-chapter10



Chapter 11. Using Root-Soil Interactions in the Rhizosphere as Valuable Traits for Selection Against Drought

https://bit.ly/crop-adaptation-book-chapter11



Chapter 12. Designing Dual-purpose Sorghum Ideotypes for High Grain and Biomass Yields Suitable for Various Target Environments in Senegal https://bit.ly/crop-adaptation-book-chapter12



Genetic Diversity and Improvement of Dryland Crops

Chapter 13. Biodiversity as a Cornerstone of Agrosystems' Sustainability in West Africa https://bit.ly/crop-adaptation-book-chapter13



Chapter 14. Management of Cowpea [Vigna unguiculata L. (Walp)] Germplasm Diversity in Senegal: A Crucial Asset for Breeding Programs https://bit.ly/crop-adaptation-book-chapter14



Chapter 15. From Shade to Light: Fonio, an African Orphan Crop, Towards Renewed Challenges

https://bit.ly/crop-adaptation-book-chapter15



Chapter 16. Past, Present, and Future of West African Sorghum Improvement: Building a Roadmap for Climate-adaptive, Farmer-adopted Varieties https://bit.ly/crop-adaptation-book-chapter16



Chapter 17. Modern Approaches for Sorghum Breeding in Mali https://bit.ly/crop-adaptation-book-chapter17



Chapter 18. Genetic Improvement of Pearl Millet in Senegal: Past, Present and Future Prospects

https://bit.ly/crop-adaptation-book-chapter18



Chapter 19. Breeding for Drought Adaptation and Fresh Seed Dormancy of Groundnut in Senegal: Advances, Challenges, and Prospects https://bit.ly/crop-adaptation-book-chapter19



Appendix

Chapters' corresponding authors https://bit.ly/crop-adaptation-book-chapters-corresponding-authors



Book Abstract https://bit.ly/crop-adaptation-book-abstract

