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Nota di contenuto	<p>1. Characterization of Wild Rice - Oryza Species Complexes in Sri Lanka -- 2. Economic Perspectives on Analysis of Ensuring Cereal Production and Consumption Security -- 3. Present Status and Future Prospects of Drought Tolerance in Rice -- 4. Heterosis and Heterotic Grouping among Tropical Maize Germplasm -- 5. Physiological, Ecological and Genetic Interactions of Rice with Harmful Microbes -- 6. Enhancing Abiotic Stress Tolerance to Develop Climate-Smart Rice Using Holistic Breeding Approach -- Corrigendum: Enhancing Abiotic Stress Tolerance to Develop Climate-Smart Rice Using Holistic Breeding Approach -- 7. How Sorghum Root Traits Can Contribute to Cereal Yield Increase -- 8. Irrigated and Rain-Fed Lowland Rice Breeding in Uganda: A Review -- 9. Recent Advances in Crop Establishment Methods in Rice-Wheat Cropping System: A Review -- 10. Rice: Worldwide Production, Utilization, Problems Occurring Due to Climate Changes and Their Mitigating Strategies -- 11. Genetic Variation and Aflatoxin Accumulation Resistance among 36 Maize Genotypes Evaluated in Ghana -- 12. Microbiological Control: A New Age of Maize Production -- 13. The Creation of Furniture Products from Rice Stubble -- 14. Sustainable Biowaste Management in Cereal Systems: A Review.</p>
Sommario/riassunto	<p>Over the past 50 years, cereals such as maize, rice, wheat, sorghum, and barley have emerged as rapidly evolving crops because of new technologies and advances in agronomy, breeding, biotechnology, genetics, and so on. Population growth and climate change have led to new challenges, among which are feeding the growing global population and mitigating adverse effects on the environment. One way</p>

to deal with these issues is through sustainable cereal production. This book discusses ways to achieve sustainable production of cereals via agronomy, breeding, transcriptomics, proteomics, and metabolomics. Chapters review research, examine challenges, and present prospects in the field. This volume is an excellent resource for students, researchers, and scientists interested and working in the area of sustainable crop production.

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