

Contents

Preface

vii

1. Morphological characterization of folk rice genotypes of West Bengal
Anjan Kumar Sinha 1
2. Folk Rice of Eastern India- A Critical Review on Agro-Morphology to Socioeconomic Aspect 65
Dipashree Chattopadhyay, Anjan Kumar Sinha
3. Folk Rice of Red and Lateritic Region of West Bengal: Valuable Tools for Sustainable Agriculture and Livelihood 98
Partha Pratim Ghosh, Anirban Chakraborty, Goutam Kumar Mallick
4. Importance of Traditional Rice Landraces as Nutraceutical Foods 123
Priyabrata Roy
5. Yield Nutritive Value and Sustainability of Production: A Comparative Study of Folk Rice and Chemical Sensitive HYVs of West Bengal 137
Abhra Chakrabarti
6. Importance of folk rice genotypes in sustainable agriculture 155
Sanjoy Kumar Bordolui, Arpita Das, Prabir Kumar Bhattacharyya, Krishnendu Pramanik, Kalyan Jana, Joydeep Banerjee
7. Folk Rice of Eastern India: Genetic Storehouse for Biofortification 167
Arpita Das, Joydeep Banerjee, Anita Roy (Aich), Durga Dutta Meher, Sukanta Pal, Tarit Baran, Bagchi and Kalyan Jana
8. By-products of traditional rice and their utilization 179
Shweta Parida
9. Folk rice of Eastern India - our valuable treasures 206
Somdatta Ghosh
10. Genetics, Evolution and Molecular Biology of the Rice plant 213
Sayan Karmakar

11. Bio Fertilizers and its Impact on Rice Productivity	256
<i>Dr. Ranjana Sinha</i>	
12. Rice Landraces for Sustainable Livelihood	264
<i>Saloman Behera, Shweta Parida, Nirmalya Kumar Sinha, Moumita Dutta, Disharee Patsa</i>	