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Biotechnology for a Second Green Revolution in India

Socioeconomic, Political, and Public Policy Issues
N. Chandrasekhara Rao, Carl E. Pray, Ronald J. Herring (Eds.)

FOREWORD By: Nobel Laureate Sir V. Ramakrishnan

About the Book

This book is the first of its kind in examining the role of biotechnology for reviving Indian agriculture and accelerating farmers' incomes. It examines the empirical evidence in various agro-ecologies on already commercialised technologies, and also technologies on shelf like Bt brinjal, and herbicide tolerant maize and cotton. The political economy behind the public policies for biotechnologies, reasons for continuing controversies, and impacts of labelling policies and seed-pricing controls are examined in greater detail. In the past few years, discussion on genetically engineered crops has been particularly contentious, in the backdrop of concerns on food security and dominance of multinationals. However, dispassionate analysis of these technologies for their usefulness in Indian context has been missing. This book addresses this gap in extant literature and contains chapters by several renowned scholars from India and abroad, and can be a useful guide to students, civil society, policy makers, and researchers working on Indian agriculture.

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About the Author(s) / Editor(s)

N. Chandrasekhara Rao is currently Professor of Economics at the Institute of Economic Growth (IEG), New Delhi. Earlier, he was Faculty at the Centre for Economic and Social Studies (CESS), Hyderabad. He was Fulbright Visiting Fellow in Cornell University, Ithaca, USA, during 2010-11. His research interests include: strategy of agricultural development, value chains, technological change and innovations, labour market and poverty reduction. Earlier he published: Biotechnology in Indian Agriculture: Potential, Performance and Concerns (Academic Foundation, New Delhi). His latest book was: Organised Retailing and Agri-Business: Implications of New Supply Chains on the Indian Farm Economy (Springer India, New Delhi). Currently, he is involved in longitudinal studies on agri-food system transformation in India.

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