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Editors.

Sommario/riassunto

Using case studies, this book encourages readers to view economic development through the lens of growing inequalities and disparities. Such inequalities are clearly becoming more obvious as the world is better connected, and information is quickly shared. The book's main aim is therefore to direct the efforts of scholars, practitioners and policymakers to swiftly find the balance between the three pillars of sustainable development. The main challenges and focus of each chapter are different and collectively they give an integrated understanding of the phenomenon of sustainable development and its diverse aspects.

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Nota di contenuto

Introduction to the isolation of chitin and chitosan and their properties
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Characterization Techniques for Chitin-based Nanoparticles -- Role of
Agrochemical-loaded chitin nanoparticles for insect pest management

-- Chitin-based Nanoparticles for Plant Disease Management --
Chitin-based Nanoparticles for Soil Remediation -- Role of Chitin-
based Nanoparticles for Crop Nutrition and Fertilization -- Chitin-
based Nanoparticles for Crop Plant Growth Promotion -- Application of
Chitin/Chitosan-Based Agro nano chemicals in Crop Protection --
Challenges and Limitations of Chitin-based Nanoparticles in Agriculture
-- Future Perspectives and Opportunities for Chitin-based
Nanoparticles in Agriculture -- Chitin and chitosan-based hydrogel and
their use in Agriculture.

Sommario/riassunto

This book provides an overview of chitin-based nanoparticles, including their properties, synthesis methods, and characterization techniques. It will also discuss the potential uses of chitin-based nanoparticles in agriculture, such as in crop protection, nutrient delivery, and soil improvement as well as potential areas for future research and development. Overall, the book would present a comprehensive and accessible resource for researchers, agricultural workers, policymakers, and other stakeholders who are interested in learning about the potential applications and benefits of chitin-based nanoparticles in agriculture.
