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Agnès Ricroch, Surinder Chopra, Shelby J. Fleischer (Eds.)

Plant Biotechnology

Experience and Future Prospects

- Students from a wide range of disciplines and many in the general public are interested in examining the development and adoption of innovative biotechnologies applied in agriculture, which are themselves changing rapidly
- These plant biotechnologies which are part of sustainable agriculture today are presented, how they are currently developed and deployed and what some near-term realistic expectations are
- The audience is primarily the general public and students from a wide range of disciplines for whom this overview would be valued and we have selected authors who the expertise to provide an easy-to-read and valuable overview

Written in easy to follow language, the book presents cutting-edge agriculturally relevant plant biotechnologies and applications in a manner that is accessible to all. This book introduces the scope and method of plant biotechnologies and molecular breeding within the context of environmental analysis and assessment, a diminishing supply of productive arable land, scarce water resources and climate change. Authors who have studied how agro ecosystems have changed during the first decade and a half of commercial deployment review effects and stress needs that must be considered to make these tools sustainable.

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