

1. Record Nr.	UNINA9910640385303321
Titolo	Cisgenic Crops: Safety, Legal and Social Issues // edited by Anurag Chaurasia, Chittaranjan Kole
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-10721-7
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (297 pages)
Collana	Concepts and Strategies in Plant Sciences, , 2662-3196
Disciplina	016.631371 631.5233
Soggetti	Plant biotechnology Agriculture Plant genetics Biology - Technique Plant Biotechnology Plant Genetics Biological Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cisgenic crops: Biodiversity, ecosystems, and environment -- Cisgenesis: A promising alternative crop improvement technology for biodiversity, environment and ecosystem risks associated with transgenics -- Social acceptability of cisgenic plants: public perception, consumer preferences, and legal regulation (5) -- Elucidation and acceptance --scientific, legal and ethical aspects of cisgenesis in times of an alleged dwindling faith in science -- Consumer Evaluation of Novel Plant-Breeding Technologies: A Decision-Focused Research Agenda -- Economic considerations of cisgenics as a sub-set of genetically modified organisms -- Cisgenesis: an European Union (EU) perspective -- Social Concerns and Regulation of Cisgenic Crops in North America -- Cisgenics & Genome Editing or Second Generation Biotechnologies: A Latin America and Caribbean Perspective -- Cisgenic crops in Ecuador: research and perspectives -- CISGENESIS AND CISGENIC CROPS: Need for a Paradigm Shift in Harnessing and

Governance -- Is it only the regulatory status? Broadening the debate on cisgenic plants.

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Sommario/riassunto

This book is the first comprehensive compilation of existing knowledge on the impact of cisgenic crops on biodiversity, environment, and ecosystem. Strategies to create and access cisgenic crops, potential risks assessment, and legal implications across the globe (European Union, North and South Americas, Africa, and Asia) are enumerated. Ethics, economics, safety, social concerns, and consumer acceptance of cisgenic foods are deliberated. Policy paradigm and ways to overcome GM regulations through cisgenic crops are highlighted. The book has 12 chapters authored by internationally leading experts on the subject. This book will be useful especially for the policy makers and GMO regulators, while the students, teachers, and researchers from across the globe will be equally benefited.

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