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Edizione	[1st ed.]
Descrizione fisica	1 online resource (480 p.)
Disciplina	631.5/233 631.5233
Soggetti	Transgenic plants Herbicide-resistant crops
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Front Cover; Dedication; Preface; Acknowledgment; Contents; Acronyms; The Author; 1. Introduction; 2. Herbicide Resistance; 3. Gene, Genome, and Crop Improvement; 4. Transgenic Engineering; 5. Transgenes in Herbicide and Insect Resistance; 6. Herbicide-Resistant Transgenic Crops; 7. Transgenic Phytoremediation of Herbicides and Explosives in Soil and Environment; 8. Adoption and Regulation of Transgenic Crops; 9. Benefits, Risks, and Issues Associated with Transgenic Crops and Foods; Appendix; Glossary; Color Plate Section
Sommario/riassunto	This book provides a comprehensive and in-depth discussion on the development of herbicide resistance during the past 50 years, emphasizing the biochemical pathways of herbicide resistance in weeds. It discusses the principles of plant genetics, different methods of genetic engineering, making of transgenic plants, various transgenic crops conferred with herbicide resistance, evolution of weed, problems subsequent to growing of transgenic crops, benefits and risks of growing transgenic crops, and management of transgenic crops. Packed with up-to-date information, the book includes relevant refe

