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Altri autori (Persone)	GrumetRebecca
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Nota di contenuto	Contents; Foreword; Preface; Part 1: Introduction to Environmental Biosafety in Relation to Genetically Engineered Crops ; Production of Genetically Engineered Crops, Relationship to Conventional Plant Breeding, and Implications for Safety Assessment; Environmental Issues Associated with Agricultural Production Systems; Environmental Biosafety Issues Associated with Genetically Engineered Crops; Current Status of Genetically Engineered Crops and Assessment of Environmental Impacts; Future Possible Genetically Engineered Crops and Traits and Their Potential Environmental Impacts Part 2: Environmental Considerations Associated with Genetically Engineered CropsFactors Influencing the Genetic Diversity of Plant Species and the Potential Impact of Transgene Movement; Control and Monitoring of Gene Flow from Genetically Engineered Crops; Evaluation of Potential Impacts of Genetically Engineered Plant-Incorporated Protectants on Non-Target Organisms; Pests Resistant to Pesticides and Genetically Modified Crop Plants: Theory and Management; A Problem-Based Approach to Environmental Risk Assessment of Genetically Engineered Crops Part 3: Regulation of Genetically Engineered Crops with Respect to Environmental SafetyThe Cartagena Protocol on Biosafety and Other

	International Regulations; Systems to Regulate Genetically Engineered Plants: Similarities and Differences among Countries; Bio-Innovationsand the Economics of Biosafety Regulatory Decision Making and Design in Developing Countries; Part 4: Future Challenges and Opportunities; Risk-Benefit Communication for Transgenic Crops; Capacity Building in Biosafety; The Evolving International Regulatory Regime: Impact on Agricultural Development; Contributors; Index
Sommario/riassunto	Since the mid-1990s, when the technology was first introduced, the cultivation of genetically engineered (GE) crops has grown exponentially. In the U.S. alone, adoption rates for transgenic cotton, corn, and soybeans are between 70-90%. Across the globe, 14 million farmers grow GE crops in more than twenty countries. Yet many countries are discussing and debating the use and adoption of GE technology because of concerns about their impact on the environment and human health. Now, in this comprehensive handbook, a team of international experts present the scientific basis for GE crops,