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Altri autori (Persone)	HalfordN. G (Nigel G.)
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Nota di contenuto	From primitive selection to genetic modification, ten thousand years of plant breeding / Nigel G. Halford -- Crop biotechnology in the United States : experiences and impacts / Sujatha Sankula -- Development of biotech crops in China / Qingzhong Xue, Yuhua Zhang, and Xianyin Zhang -- Advances in transformation technologies / Huw D. Jones -- Enhanced nutritional value of food crops / Dietrich Rein and Karin Herbers -- The production of long-chain polyunsaturated fatty acids in transgenic plants / Louise V. Michaelson ... [et al.] -- The application of genetic engineering to the improvement of cereal grain quality / Peter R. Shewry -- Improvements in starch quality / Michael M. Burrell -- Production of vaccines in GM plants / Liz Nicholson, M. Carmen Canizares, and George P. Lomonossoff -- Prospects for using genetic modification to engineer drought tolerance in crops / S.G. Mundree ... [et al.] -- Salt tolerance / Eduardo Blumwald and Anil Grover -- Engineering fungal resistance in crops / Maarten Stuiver -- Plant food allergens / E.N. Clare Mills, John A. Jenkins, and Peter R. Shewry -- Environmental impact and gene-flow / P.J.W. Lutman and K. Berry -- Risk assessment, regulation, and labeling / Nigel G. Halford.
Sommario/riassunto	Plant Biotechnology: Current and Future Uses of Genetically Modified Crops covers in detail the development, use and regulation of GM

crops. Split into three sections, Part 1 introduces GM crops and describes the GM crops that are used commercially. Part 2 looks at new developments and methodologies in areas including potential applications of GM crops for the production of vaccines, enhanced nutritional value of GM food, and engineering resistance to fungal pathogens. Part 3 concludes by considering the key issues of safety and legislation, including allergenicity, environmental impact