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Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Preface; Foreword; Foreword; 1 Introduction; 2 Molecular Breeding Tools: Markers and Maps; 3 Molecular Breeding Tools: Omics and Arrays; 4 Populations in Genetics and Breeding; 5 Plant Genetic Resources: Management, Evaluation and Enhancement; 6 Molecular Dissection of Complex Traits: Theory; 7 Molecular Dissection of Complex Traits: Practice; Colour plate; 8 Marker-assisted Selection: Theory; 9 Marker-assisted Selection: Practice; 10 Genotype-by-environment Interaction; 11 Isolation and Functional Analysis of Genes; 12 Gene Transfer and Genetically Modified Plants 13 Intellectual Property Rights and Plant Variety Protection 14 Breeding Informatics; 15 Decision Support Tools; References; Index
Sommario/riassunto	Bridging the gap between developments in biotechnology and its applications in plant improvement, this book offers an integrative overview of issues from basic theories to their applications to crop improvement including molecular marker technology, gene mapping, genetic transformation, quantitative genetics, and breeding

methodology.

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