1. Record Nr. UNINA9910957209603321

Titolo	Agricultural biotechnology : strategies for national competitiveness / / Committee on a National Strategy for Biotechnology in Agriculture, Board on Agriculture, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1987
ISBN	9786610221578 9781280221576 1280221577 9780309595735 0309595738 9780585142531 058514253X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (221 p.)
Disciplina	631.3/0973
Soggetti	Agricultural biotechnology - United States Agricultural biotechnology - Government policy - United States Agriculture - Research - United States Agriculture - Research - Government policy - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographies and index.
Nota di contenuto	Agricultural Biotechnology -- Copyright -- Preface -- Acknowledgments -- Contents -- 1 Executive Summary and Recommendations -- THE INTERNATIONAL DIMENSION -- THE POWER OF BIOTECHNOLOGY -- STRATEGIES FOR NATIONAL COMPETITIVENESS -- Research Emphasis -- The Research System -- New Talent -- Applications and Commercialization -- RECOMMENDATIONS -- Scientific Aspects -- Increased Emphasis on Basic Research -- Improved Techniques and Applications -- Increased Attention to the Ecological Aspects of Biotechnology -- Funding and Institutions -- Linking and Integrating Research -- Peer and Merit Review -- The Federal Government's Role -- The State Governments' Role -- The Private Sector's Role -- Training -- Increased Federal Support for

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Sommario/riassunto

Biotechnology offers tremendous potential for improving crop production, animal agriculture, and bioprocessing. It can provide scientists with new ways to develop higher-yielding and more nutritious crop varieties, to improve resistance to disease, or to reduce the need for inputs of fertilizers and other expensive agricultural chemicals. This book explores the United States' ability to solve important agricultural problems, effectively use funds and institutional structures to support biotechnology research for agriculture, train researchers in new scientific areas, efficiently transfer technology, and regulate and test recombinant DNA organisms in the field.