

1. Record Nr.	UNINA9911019246603321
Titolo	Exotic pests and diseases : biology and economics for biosecurity // Daniel A. Sumner, editor
Pubbl/distr/stampa	Ames, Iowa, : Iowa State Press, 2003
ISBN	9786612365249 9781282365247 128236524X 9780470290125 0470290129 9780470289983 0470289988
Edizione	[1st ed.]
Descrizione fisica	1 online resource (278 p.)
Altri autori (Persone)	SumnerDaniel A <1950-> (Daniel Alan)
Disciplina	632/.9/0973
Soggetti	Nonindigenous pests - United States Nonindigenous pests - Control - United States Agriculture - Economic aspects - United States Agriculture and state - United States
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 and index.
Nota di contenuto	EXOTIC PESTS and DISEASES: Biology and Economics for BIOSECURITY; Contents; Preface; Contributors; 1. Exotic Pests and Public Policy for Biosecurity: An Introduction and Overview; I. Issues, Principles, Institutions, and History; 2. Economics of Policy for Exotic Pests and Diseases: Principles and Issues; 3. Regulatory Framework and Institutional Players; 4. International Trade Agreements and Sanitary and Phytosanitary Measures; 5. Historical Perspectives on Exotic Pests and Diseases in California; II. Exotic Pest and Disease Cases: Examples of Economics and Biology and Policy Evaluation 6. Bovine Spongiform Encephalopathy: Lessons from the United Kingdom 7. Evaluating the Potential Impact of a Foot-and-Mouth Disease Outbreak; 8. Risk Assessment of Plant-Parasitic Nematodes; 9. Ex-Ante Economics of Exotic Disease Policy: Citrus Canker in California; 10. An Insect Pest of Agricultural, Urban, and Wildlife Areas: The Red

Imported Fire Ant; 11. A Rational Regulatory Policy: The Case of Karnal Bunt; 12. Introduction and Establishment of Exotic Insect and Mite Pests of Avocados in California, Changes in Sanitary and Photosanitary Policies, and Their Economic and Social Impact
13. Ash Whitefly and Biological Control in the Urban Environment 14. Economic Consequences of a New Exotic Pest: The Introduction of Rice Blast Disease in California; 15. Biological Control of Yellow Starthistle; Glossary of Terms and Acronyms; Index

Sommario/riassunto

Exotic pests and diseases have long been an important concern in agriculture. The problem is becoming increasingly urgent and complex because agricultural trade has been liberalized worldwide, and as a consequence, the probability of spreading a disease or a pest through national borders has become a real threat, not only for the agricultural industry but also for human health and the natural environment. This edited volume's list of international contributors reads like a Who's Who of international agricultural research! This book includes ten interdisciplinary case studies that
