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Descrizione fisica	1 online resource (157 p.)
Collana	Agriculture issues and policies series
Altri autori (Persone)	McKeeGregory J
Disciplina	632/.9517
Soggetti	Strawberries - Diseases and pests - Control - California Greenhouse whitefly - Control - California Nonindigenous pests - Control - California Insecticide resistance - California
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 (p. [123]-127) and index.
Nota di contenuto	Introduction and objectives : agricultural production, invasive species, externalities, and environmental policy -- Literature review : related literature on invasive species management and the role of bioeconomic modeling in invasive species management policy analysis -- An empirical application : the effect of the greenhouse whitefly on California strawberry production -- An interdisciplinary model of dynamic invasive species management -- A single-season dynamic model of invasive species management -- An analysis of preventing resistance development through pesticide use restrictions -- Managing the effect of spatial pest management externalities through grower coordination.
Sommario/riassunto	This work describes a dynamic bioeconomic simulation model that represents the biological, economic, and regulatory features of a specific invasion management problem - the invasion of California strawberries by the greenhouse whitefly and the pesticide use restrictions imposed by California regulators to manage pesticide resistance.