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Autore	Walters Dale
Titolo	Plant defense [[electronic resource]] : warding off attack by pathogens, herbivores and parasitic plants // Dale R. Walters
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (250 p.)
Disciplina	632
Soggetti	Plants - Disease and pest resistance Plant defenses
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	PLANT DEFENSE; Contents; Preface; Chapter 1 Why Do Plants Need Defenses?; Chapter 2 What Defenses Do Plants Use?; Chapter 3 Sounding the Alarm: Signaling and Communication in Plant Defense; Chapter 4 Plant Defense in the Real World: Multiple Attackers and Beneficial Interactions; Chapter 5 The Evolution of Plant Defense; Chapter 6 Exploiting Plant Defense; Index
Sommario/riassunto	Plant Defense provides an overview of all major aspects of plant defence, including defence against pathogens, parasites, and invertebrate and vertebrate herbivores. The book looks at defense mechanisms including structural and chemical defences, and constitutive and inducible defences. Including details of how plants 'sense' attack and how this is communicated within the plant and also to neighbouring plants, how plants coordinate defence responses to simultaneous multiple attacks, and the energy and resources expended by a plant in maintaining and implementing its defence systems.