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Titolo	Organic Amendments and Soil Suppressiveness in Plant Disease Management / / edited by Mukesh K. Meghvansi, Ajit Varma
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ISBN	3-319-23075-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (526 p.)
Collana	Soil Biology, , 1613-3382 ; ; 46
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Soggetti	Agriculture Microbiology Soil science Soil conservation Plant pathology Soil Science & Conservation Plant Pathology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographicalo references at the end of each chapters and index.
Nota di contenuto	Part I Soil suppressiveness: paradigms and mechanisms -- Part II Concepts in plant disease management involving microbial soil suppressiveness -- Part III Concepts in plant disease management involving organic amendments -- Part IV Integrative approaches in plant disease management.
Sommario/riassunto	This book provides a timely review of concepts in plant disease management involving microbial soil suppressiveness and organic amendments. Topics discussed include the impact of suppressive soils on plant pathogens and agricultural productivity, the enhancement of soil suppressiveness through the application of compost and the development of disease suppressive soils through agronomic management. Further chapters describe diseases caused by phytopathogens, such as Pythium, Fusarium and Rhizoctonia, interaction of rhizobia with soil suppressiveness factors, biocontrol of plant parasitic nematodes by fungi and soil suppressive

microorganisms.