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Titolo	Use of Microbes for the Alleviation of Soil Stresses, Volume 1 / / edited by Mohammad Miransari
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Descrizione fisica	1 online resource (166 p.)
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Soggetti	Microbiology Plant physiology Plant breeding Adaptation (Biology) Ecology Botany Plant Physiology Plant Breeding/Biotechnology Environment, general Plant Sciences
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 Growth Promoting Rhizobacteria: Potential candidates for gibberellins production and crop growth promotion -- Mycorrhizal Fungi to Alleviate Drought Stress on Plant Growth -- Role of Arbuscular Mycorrhizal Fungi in Alleviation of Acidity Stress on Plant Growth -- Use of Plant Growth-Promoting Rhizobacteria to Alleviate Salinity Stress in Plants -- Mycorrhizal Fungi to Alleviate Drought Stress on Plant Growth -- PGPR to Alleviate the Stress of Suboptimal Root Zone Temperature on Leguminous Plant Growth -- Salinity Stress and Arbuscular Mycorrhizal Symbiosis in Plants.
Sommario/riassunto	Use of Microbes for the Alleviation of Soil Stresses, Volume 1 describes

the most important details and advances related to the alleviation of soil stresses by soil microbes. Comprised of seven chapters, the book reviews the mechanisms by which plant growth promoting rhizobacteria (PGPR) alleviate plant growth under stress; the role of mycorrhizal fungi on the alleviation of drought stress in host plants; how PGPR may alleviate salinity stress on the growth of host plants; and the role of PGPR on the growth of the host plant under the stress of sub optimal root zone temperature. Written by experts in their respective fields, Use of Microbes for the Alleviation of Soil Stresses, Volume 1 is a comprehensive and valuable resource for researchers and students interested in the field of microbiology and soil stresses.