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Titolo	Use of Microbes for the Alleviation of Soil Stresses : Volume 2: Alleviation of Soil Stress by PGPR and Mycorrhizal Fungi / / edited by Mohammad Miransari
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Descrizione fisica	1 online resource (198 p.)
Disciplina	333.7 570 571.2 572.6
Soggetti	Microbiology Plant physiology Plant breeding Adaptation (Biology) Ecology Proteins Plant Physiology Plant Breeding/Biotechnology Environment, general Protein Science
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	The Interactions of Soil Microbes, Arbuscular Mycorrhizal Fungi and N-Fixing Bacteria, Rhizobium, Under Different Conditions Including Stress -- The Role of Arbuscular Mycorrhizal Fungi in Alleviation of Salt Stress -- Biological control: PGPR and Arbuscular Mycorrhizal Fungi Working Together -- Role of AM Fungi in Alleviating Drought Stress in Plants -- Mycorrhizal Fungi to Alleviate Salinity Stress on Plant Growth -- Impact of Biotic, Abiotic Stressors: Biotechnologies for Alleviating Plant Stress -- Siderophore Efficacy of Fluorescent Pseudomonades affecting

Labeled Iron (59Fe) Uptake by Wheat (Triticum aestivum L.) Genotypes Differing in Fe Efficiency -- Plant Physiological Mechanisms of Salt Tolerance Induced by Mycorrhizal Fungi and Piriformospora indica -- Safflower (Carthamus Tinctorius L.) Oil Content and Yield Components as Affected by Co-Inoculation with Azotobacter Chroococcum and Glomus Intraradices at Various N and P Levels in a Dry Climate -- Mycorrhizal Fungi to Alleviate Compaction Stress on Plant Growth -- Microbial Inoculums.

Sommario/riassunto

Use of Microbes for the Alleviation of Soil Stresses, Volume 2: Alleviation of Soil Stress by PGPR and Mycorrhizal Fungi describes the most important details and advances related to the alleviation of soil stresses by PGPR and mycorrhizal fungi. Comprised of eleven chapters, the book reviews the role of arbuscular mycorrhizal fungi in alleviation of salt stress, the role of AM fungi in alleviating drought stress in plants, the impact of biotic and abiotic stressors, and the use of mycorrhizal fungi to alleviate compaction stress on plant growth. Written by experts in their respective fields, Use of Microbes for the Alleviation of Soil Stresses, Volume 2: Alleviation of Soil Stress by PGPR and Mycorrhizal Fungi is a comprehensive and valuable resource for researchers and students interested in the field of microbiology and soil stresses.