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| Descrizione fisica      | 1 online resource (473 p.)  |
| Collana                 | Agriculture issues and policies series  |
| Altri autori (Persone)  | KhanMohammad Saghir<br>ZaidiAlmas   |
| Disciplina              | 579/.1757   |
| Soggetti                | Soil microbiology<br>Phosphates - Solubility<br>Crop improvement<br>Electronic books.   |
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| 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       | Biological importance of phosphorus and phosphate solubilizing microbes: an overview -- Novel approaches for analysis of biodiversity of phosphate-solubilizing bacteria -- Effects of phosphate-solubilizing microorganism on soil phosphorus fractions -- Role of plant growth promoting microorganisms for sustainable crop production -- Genetic and functional diversity of phosphate solubilizing fluorescent pseudomonads and their simultaneous role in promotion of plant growth and soil health -- Practical use of phosphate solubilizing soil microorganisms -- Phosphate-solubilization by psychrophilic and psychrotolerant microorganisms: an asset for sustainable agriculture at low temperatures -- Beneficial microbes in sustainable tropical crop production -- Molecular genetics of phosphate solubilization in rhizosphere bacteria and its role in plant growth promotion -- Strategies for development of microphos and mechanisms of phosphate-solubilization -- Variation in plant growth promoting activities of phosphate-solubilizing microbes and factors affecting their colonization and solubilizing efficiency in different agro-ecosystems -- Management of plant diseases using phosphate-solubilizing microbes -- Phosphate solubilizing microbes: potentials and success in |

greenhouse and field applications -- Genetic and phenotypic characterization of phosphate-solubilizing bacteria and their effects on growth and symbiotic properties of alfalfa plants -- Microbial facilitation of phosphorus nutrition in sugarcane -- Phosphate solubilizing microorganisms for augmenting crop nutrition -- Phosphate solubilizing microorganisms: prospects, promises and problems -- Genetic manipulations of metal accumulation and heavy metal tolerance: improving plants for environmental remediation -- Biological control of plant nematodes with phosphate-solubilizing microorganisms.

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