

1. Record Nr.	UNISA996486770703316
Titolo	Guide pour la surveillance de la pharmacorésistance aux médicaments antituberculeux // Organisation mondiale de la Santé
Pubbl/distr/stampa	Genève : , : Organisation mondiale de la Santé, , 2021
ISBN	9789240020085
Descrizione fisica	1 ressource en ligne (vi, 109 pages)
Soggetti	Tuberculosis, Multidrug-Resistant Drug Resistance Epidemiological Monitoring Antitubercular Agents Population Surveillance Veille sanitaire Tuberculose multirésistante Résistance aux médicaments Antituberculeux
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Contient des références bibliographiques

2. Record Nr.	UNINA9910523807603321
Titolo	Microbial Biofertilizers and Micronutrient Availability : The Role of Zinc in Agriculture and Human Health // edited by Shams Tabrez, Khan, Abdul Malik
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-76609-8
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (468 pages)
Collana	Earth and Environmental Science Series
Disciplina	631.811
Soggetti	Ecology Microbial ecology Environmental geography Nutrition Agriculture Environmental Sciences Environmental Microbiology Integrated Geography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1 -- The enormity of Zinc deficiency: an overview. Chapter 2 -- Zinc malnourishment in children and its impact on child health. Chapter 3 -- Zinc deficiency and its consequences during pregnancy. Chapter 4 -- Malnutrition: Impact of Zinc on child development. Chapter 5 -- Role of Zinc in liver pathology. Chapter 6 -- Role of micronutrients in abiotic stress tolerance in plants. Chapter 7 -- Zinc as a versatile element in plants: an overview on uptake, translocation, assimilatory roles, deficiency and toxicity symptoms. Chapter 8 -- Transition metal homeostasis and its role in plant growth. Chapter 9 -- Role of Zinc homeostasis in plant growth. Chapter 10 -- The multiple effects of microorganisms on plant nutrition. Chapter 11 -- Role of minerals in plant growth and soil microbial consortia mediated mineral uptake by plants. Chapter 12 -- Microbial bio-fertilizers an approach to deal with zinc deficiency. Chapter 13 -- Zinc solubilization by

bacteria for increased Zinc uptake by plant. Chapter 14 -- Development of microbes based biofertilizer for zinc dissolution in soil. Chapter 15 -- Soil microbes interaction: mineral solubilization and plant nutrition. Chapter 16 -- Microbes Mediated facilitation of micronutrients uptake by plants from soil especially Zinc. Chapter 17 -- Role of Rhizobacterial Bacilli in Zinc solubilization. Chapter 18 -- Microbial bio-fertilizers an approach to deal with zinc deficiency. Chapter 19 -- Comparing various diets as source of zinc with special reference to fruits and vegetables. Chapter 20 -- Managing Zinc deficiency among children.

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Sommario/riassunto

This volume addresses various issues related to micronutrient deficiency, especially zinc, and discusses the possible approaches for combating mineral deficiency among humans and plants. The book mainly focuses on the zinc biofortification of vegetable and cereal crops and highlights the consequences of zinc deficiency and the health risks associated with zinc deficiency, especially in children and expecting mothers. The authors discuss different types of food that are rich in zinc and other minerals, how diets can be designed to meet the daily zinc requirements, and the impact of zinc deficiency on plant health and quality of agricultural products and the role of micronutrients in abiotic stress tolerance. The book also covers sustainable approaches to zinc biofortification in crops, such as the microbial solubilization of zinc in soil to improve zinc uptake by plants, and the formulation of these microbes into biofertilizers. The book will be of interest to dieticians, agricultural scientists, students and microbiologists.

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