

1. Record Nr.	UNINA9910298283203321
Titolo	Plant Microbes Symbiosis: Applied Facets [[electronic resource] /] / edited by Naveen Kumar Arora
Pubbl/distr/stampa	New Delhi : , : Springer India : , : Imprint : Springer, , 2015
ISBN	81-322-2068-4
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (383 p.)
Disciplina	338.927 570 577 579.3 630
Soggetti	Agriculture Sustainable development Bacteriology Biodiversity Sustainable Development
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.
Nota di contenuto	1. Rhizosphere Bacteria for Crop Production and Improvement of Stress Tolerance: Mechanisms of Action, Applications and Future Prospects -- 2. Biopesticides: Where we stand? -- 3. Biotrophic Plant-Microbe Interactions for Land Reclamation and Sustainable Agriculture Development -- 4. Plant-Microbe Partnerships for Enhanced Biodegradation of Polychlorinated Biphenyls -- 5. Harnessing Plant-Microbe Interactions for Enhanced Protection Against Phytopathogens -- 6. Rhizospheric Plant Microbe Interactions: Key Factors to Soil Fertility and Plant Nutrition -- 7. Plant-Endophyte Interaction and its Unrelenting Contribution towards Plant Health -- 8. Abiotic and Biotic Plant Stress Tolerant and Beneficial Secondary Metabolites Produced by Endophytic Bacillus Species -- 9. Antifungal Compounds from Pseudomonads and Study of their Molecular Features for Disease Suppression Against Soil Borne Pathogens -- 10. Pseudomonad's- Plant Growth Promotion and beyond -- 11. Perspectives of Rhizobial

Inoculation for Sustainable Crop Production -- 12. Legume- Rhizobia Symbiosis under Stress -- 13. Legume Root Exudates: Their Role in Symbiotic Interactions -- 14. Actinorhizal and Rhizobial-Legume Symbiosis for Alleviation of Abiotic Stresses -- 15. Azospirillum- A Bio-fertilizer for every Crop -- 16. Ectomycorrhizal Fungi and their Applications -- 17. Increasing the Role of Mycorrhizal Symbiosis in Plant-Plant Facilitation Process to Improve the Productivity and Sustainability of Mediterranean Agrosystems -- 18. Role of Plant Growth Promoting Rhizobacteria and their Formulation in Biocontrol of Plant Diseases -- 19. Effects of Soil Environment on Field Efficacy of Microbial Inoculants.

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### Sommario/riassunto

Plants form mutualistic association with various microorganisms, particularly in the rhizosphere region. The association benefits both the partners in a number of ways. A single plant can support the growth of diverse microbes and in reciprocation these microbes help the plant in several ways. A great deal of knowledge is now available on the mechanisms of action of plant growth promotory microbes in forming association with their partner plant and benefitting it. With ever increasing population and to achieve food security it has become utmost necessary to utilize these friendly microbes to enhance the crop yield and quality in an ecofriendly and sustainable manner. We already know about the huge negative impact of chemicals used in agriculture on the humans and the ecosystems as whole. Plant Microbes Symbiosis: Applied Facets provides a comprehensive knowledge on practical, functional and purposeful utility of plant-microbe interactions. The book reviews the utilization of beneficial microbes for crop yield enhancement and protection against diseases caused by phytopathogens and nutrient deficiencies. The tome also reviews the utility of plant growth promotory microbes in helping the plants to deal with abiotic stresses imposed by climate change and anthropogenic activities. The book showcases how plant-microbe interactions are or can be utilized for reclamation of stressed soils and degradation of pollutants in a most effective and environment friendly manner. It also ascertains the reasons for the below par performance of the microbial based inoculants. The utilization of biotechnological tools for development of next generation bioformulations to combat the new challenges and overcome past hurdles has been discussed. This wonderful association between plants and microbes if used properly will not only enhance the crop yields and reclaim barren lands but also make our planet a better place to live on for all of its habitants. .

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2. Record Nr.	UNINA9910458294803321
Autore	Krutz Ronald L. <1938->
Titolo	The CEH prep guide [[electronic resource] ] : the comprehensive guide to certified ethical hacking / / Ronald L. Krutz, Russell Dean Vines
Pubbl/distr/stampa	Indianapolis, IN, : Wiley, c2007
ISBN	1-280-97384-6 9786610973842 0-470-23138-6
Descrizione fisica	1 online resource (770 p.)
Altri autori (Persone)	VinesRussell Dean <1952->
Disciplina	004.16 005.8
Soggetti	Computer security - Testing - Examinations Computer networks - Security measures - Examinations Computer networks - Examinations Computer hackers Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	The CEH Prep Guide: The Comprehensive Guide to Certified Ethical Hacking; About the Authors; Credits; Contents; Foreword; Acknowledgments; Introduction; Exam Eligibility; Part I: The Business and Legal Issues of Ethical Hacking; Chapter 1: Introduction to Ethical Hacking; Terminology; Hacking History; Ethical Hacking Objectives and Motivations; Steps in Malicious Hacking; Hacker and Ethical Hacker Characteristics and Operations; Related Types of Computer Crime; Assessment Questions; Chapter 2: Legality and Ethics; Law and Legal Systems; Computer Crime Penalties; Ethics; Assessment Questions Chapter 3: Penetration Testing for BusinessPenetration Testing from a Business Perspective; Justification of Penetration Testing through Risk Analysis; Management Responsibilities in Risk Analysis Relating to Penetration Testing; Assessment Questions; Part II: The Pre-Attack Phases; Chapter 4: Footprinting; Gathering Information; Locating the Network Range; Assessment Questions; Chapter 5: Scanning; Identifying Active Machines; Identifying Open Ports and Available

Services; War Dialing; War Driving and War Walking; Fingerprinting; Mapping the Network; Assessment Questions  
Chapter 6: Enumerating Protection Rings; Windows Architecture; Windows Security Elements; Enumerating Techniques for Windows; Countermeasures; Assessment Questions; Part III: Attack Techniques and Tools; Chapter 7 System Hacking Techniques; Password Guessing; Privilege Escalation; Password Cracking; Covering Tracks; Countermeasures; Assessment Questions; Chapter 8: Trojans, Backdoors, and Sniffers; Trojans and Backdoors; Sniffers; Assessment Questions; Chapter 9: Denial of Service Attacks and Session Hijacking; Denial of Service/Distributed Denial of Service (DoS/DDoS); Session Hijacking  
Assessment Questions  
Chapter 10: Penetration Testing Steps; Penetration Testing Overview; Legal and Ethical Implications; The Three Pretest Phases; Penetration Testing Tools and Techniques; Wireless Network Penetration Testing; Social Engineering; Intrusion Detection System (IDS); Assessment Questions; Chapter 11: Linux Hacking Tools; Linux History; Scanning Networks with Linux Tools; Linux Hacking Tools; Linux Rootkits; Linux Security Tools; Assessment Questions; Chapter 12: Social Engineering and Physical Security; Social Engineering; Physical Security; Assessment Questions  
Part IV: Web Server and Database Attacks  
Chapter 13: Web Server Hacking and Web Application Vulnerabilities; Web Server Hacking; Web Application Vulnerabilities; Countermeasures; Assessment Questions; Chapter 14: SQL Injection Vulnerabilities; SQL Injection Testing and Attacks; SQL Injection Prevention and Remediation; Automated SQL Injection Tools; Assessment Questions; Chapter 15: Cryptography; Symmetric Key Cryptography; Public Key Cryptosystems; Public Key Certificates; Cryptanalysis; Managing Encryption Keys; Email Security; Electronic Transaction Security; Wireless Security  
Disk Encryption

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The Certified Ethical Hacker program began in 2003 and ensures that IT professionals apply security principles in the context of their daily job scope  
Presents critical information on footprinting, scanning, enumeration, system hacking, trojans and backdoors, sniffers, denial of service, social engineering, session hijacking, hacking Web servers, and more  
Discusses key areas such as Web application vulnerabilities, Web-based password cracking techniques, SQL injection, wireless hacking, viruses and worms, physical security, and Linux hacking  
Contains a CD-ROM that enables read

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