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Titolo	Biostimulants: Exploring Sources and Applications // edited by Naleeni Ramawat, Vijay Bhardwaj
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Descrizione fisica	1 online resource (297 p.)
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Plant Biostimulants: Overview of categories and effects -- Chapter 2. Biostimulant potential of seaweed extracts derived from Laminaria and Ascophyllum nodosum -- Chapter 3. Borage extracts as biostimulants of plant growth and development -- Chapter 4. Simple organic acids as plant biostimulants -- Chapter 5. Animal-derived hydrolyzed protein and its biostimulant effects:In: Biostimulants: exploring sources and applications -- Chapter 6. Protein hydrolysates as Biostimulants of Plant Growth and Development -- Chapter 7. Biostimulants and their extraction from food and agro based industries -- Chapter 8. FOLIAR APPLICATION OF MICROBIAL AND PLANT BASED BIOSTIMULANTS ON PLANT NUTRITION -- Chapter 9. The role of biostimulants in plant growth, development and abiotic stress management: recent insights -- Chapter 10. Role of Biostimulants in Agriculture -- Chapter 11 Biostimulants: Emerging trend and opportunities.
Sommario/riassunto	This edited book is a comprehensive compilation highlighting sources of biostimulants, their production, influence on plant growth and development, and regulatory status of plant biostimulants for better

understanding and opening new vistas for future research. Biostimulants, the biological formulations are known to meliorate the plants growth and vigour, improve nutritional efficiency along with maintaining their well-being mainly via providing protection against a wide range of infections. Both horticultural as well as agricultural crops involve the utilization of the biostimulants. Fulvic and humic acids, nitrogen-containing compounds, protein hydrolysates, favourable bacteria and fungi, and extracts of seaweed are the chief active components of these. The major driving force for these materials is the organic farming industry and demand for sustainable crop production. This book will be of great interest to researchers, teachers, climate change scientists, capacity builders, and policy makers. Moreover, this book does the work of a supplementary reading for students in various fields such as agriculture, soil science, ecology, environmental science and forestry at undergraduate as well as graduate level. This will be a gainful read for national and international agricultural scientists and the policy makers. • Elaborates on biostimulants induced influence of plant growth and development • Covers all aspects of biostimulants sources and its role in plant life in detail • Discusses evidence based approach in biostimulants sources and its useful applications in plants .
