

Special Issue

Advances in Biostimulant Use on Horticultural Crops—Second Edition

Message from the Guest Editors

Biostimulants are an invaluable tool for horticulture, applied to plants with the goal of enhancing certain desirable characteristics regardless of their nutrient content. Specific formulations of biostimulants have the capacity to modify physiological processes that benefit growth, development, and/or stress tolerance. Since the definition focuses on function versus form, many compounds can be classified as biostimulants.

Researchers have identified biostimulatory properties, including humic substances, composts, natural extracts, peptides, antioxidants, and many other types of compounds. As society faces global threats such as climate change and food insecurity, the role of biostimulants in horticulture is arguably more important now than ever before. The goal of this Special Issue is to consolidate some of the most recent research in horticultural biostimulants. We welcome original research or review papers that discuss the discovery of new biostimulants, the physiological mechanisms of established biostimulants, and the effects of biostimulants on previously untested crops.

The first edition can be found here:
https://www.mdpi.com/journal/plants/special_issues/24PC8HKMOO

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About the Journal

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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