



Biostimulants as Growth Promoting and Stress Protecting Compounds

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Message from the Guest Editors

Dear Colleagues,

Plant biostimulants, or sometimes referred to as agricultural biostimulants, are a diverse category of substrates derived from natural and biological sources with functions in plant growth and development from seed germination to plant maturity. The application of biostimulants improves the efficiency of plant metabolism that further induces plant growth and yield, enhancing plant tolerance against abiotic and biotic stresses and improving the quality of crops.

The general concept of this Special Issue is to provide an up-to-date overview in the use of biostimulants in agriculture to enhance plant growth and plant adaptation to stress factors. In particular, submissions of review and original research articles reporting novel scientific findings on the following, but not limited to, topics are welcome:

- Biostimulants to promote plant growth;
- Biostimulants to enhance plant stress tolerance against abiotic stresses;
- Biostimulants to enhance plant stress tolerance against biotic stresses;
- Biostimulants to improve crop quality;
- Novel biostimulants in agriculture.



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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, 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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