



Rational Use of Biostimulants, Particle Film Technologies and Other Innovative Formulates in Agriculture

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Message from the Guest Editors

Today, climate change is posing serious new challenges to primary production, and the short-term unpredictability of environmental and socio-economic conditions requires farms and growers to have high flexibility and adaptation capabilities.

In this framework, the present Special Issue aims to collect some cutting-edge papers targeting the most relevant aspects about the use of biostimulants/biofertilizers and other *biosolutions* in agriculture. In detail, the articles collection intends to cover:

1. Efficacy of biostimulants and particle film technologies in improving crops tolerance to abiotic stress;
2. Improvement of plant eco-physiological performances under foliar/soil *biosolutions* applications;
3. Use of biostimulants to improve yield and crop quality traits;
4. Efficacy and convenience of *biosolutions* as compared to traditional or alternative techniques;
5. Reduction of inputs in farming systems and improvement of environment quality by introducing natural-based products;
6. Plant–plant and plant–pathogens interaction according to *biosolutions* application;
7. Integration of biostimulants within the field management strategy.





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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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