



Effects of Soil Fertility and Plant Growth Promoters on Growth, Yield, and Quality of Crops

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Message from the Guest Editors

Historically, the term soil fertility was used to describe the ability of soil to supply the cultivated crops with all the essential elements necessary for the production of quality agricultural products. Until recently, the focus of the agricultural management regarding plant nutrition was on providing all the elements and compounds necessary for the plant metabolism using chemical and organic fertilizers. However, recently, there has been a significant increase in research interest on plant growth promoters (PGP) or plant biostimulants among the stakeholders of the agricultural sector in an effort to contribute toward more sustainable agriculture. PGP's role is to stimulate plant nutrition processes in order to improve nutrient use efficiency and the availability of some nutrients in the soil, to enhance flowering and fruit set, to increase tolerance to abiotic stress against a wide range of abiotic factors, and to improve quality characteristics of agricultural products. This Special Issue welcomes researchers from a wide disciplinary background to share their research into soil fertility and plant growth promoters on growth, yield, and quality of crops.





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