



plants



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Effect of Growing Media on Plant Performance

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Message from the Guest Editors

Growing media are a fundamental part of growing plants in greenhouses, nurseries and in urban farming structures, including green roofs, since they provide water, nutrients, and support to plants. Indeed, the properties and applications of growing media must be harmonized with the response in terms of plant performance. When selecting a growing medium, understanding its features (physical, chemical, and biological) is critical since they influence plant responses and production costs. The absence of pests and pathogens is critical; however, biostability and biological inertia are also important criteria to consider, especially when extended crop growing cycles are utilized or the growing medium is reused between growing cycles. Understanding the adaptation mechanisms and performance of the plants involved when growing media are used is important to increasing yields and producing high-quality and safe produce, which are reflected in sustainable agronomic and environmental pathways to crop production.

We invite papers which show how alternative growing media and growing media components affect the morphological, physiological, and biochemical properties of crops.



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Special Issue



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Message from the Editor-in-Chief

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