



Mycorrhizal Roles in Horticultural Plants

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Message from the Guest Editors

Mycorrhizae have been shown to greatly enhance plant growth, improve root morphology, promote water and nutrient uptake in addition to increasing stress tolerance and improving fruit quality. With the development of various omics-based techniques, many genes that are specifically induced by arbuscular mycorrhizal fungi have also been decoded at the cellular and subcellular levels, strongly emphasizing the importance of mycorrhizae in horticulture crops. For example, aquaporins from mycorrhizal fungi and hosts act synergistically towards water uptake, and aquaporin genes in citrus plants can be induced by salt stress and not flooding. These results amply confirm the complexity of the underlying mechanisms in the functioning of mycorrhizae in horticultural plants. The purpose of this Special Issue is to present the recent advances regarding the roles of mycorrhizal fungi in relation to horticultural plants.





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Message from the Editor-in-Chief

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