Special Issue

Effects of Arbuscular Mycorrhizal(AM) Fungi on Crop and Its Mechanism

Message from the Guest Editors

Ubiquitous in agronomic ecosystems, arbuscular mycorrhizal (AM) fungi readily develop obligate symbionts with most crops growing in field situations, including wheat, corn, rice, bean, etc. The symbionts may play essential roles in delivering macronutrients (N, P) and micronutrients (Zn, Cu, Fe, Se, etc) to host plants. An additional, sustainable tool to improve micronutrient concentrations in crops could be AM fungi. Moreover, AM fungi result in better plant performance and soil quality. In the context of this Special Issue, the influence and mechanisms of AM fungi on uptake and utilization of macronutrients or micronutrients in crops are highly important. In this Special Issue, we aim to exchange knowledge on any aspect related to crops colonized with AM fungi both under indoor or field conditions, thus improving quantity and quality of crop production at the less environmental cost.

Guest Editors

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