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Applications of Beneficial Microbe and Agriculture Waste in Crop Growth Promotion and Stress Resistance

Guest Editor:

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Message from the Guest Editor

Utilizing beneficial fungi and microbes in soil and growing media enhances root environments and boosts crop growth. Arbuscular mycorrhizal fungi (AMF) and beneficial microbes are employed to counter issues from continuous cropping soil, while plant growth-promoting rhizobacteria (PGPR) are widely used for root improvement, sustaining vegetable yield, and enhancing quality. In pursuing sustainable facility agriculture, focusing on vegetable residue utilization takes precedence. This Special Issue showcases recent research on residue resource utilization for achieving high-quality, high-yield vegetables in agriculture. Researchers are invited to contribute papers exploring the application of beneficial microbes and agricultural waste in promoting crop growth, improving stress resistance, and advancing sustainable agricultural practices.

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Message from the Editor-in-Chief

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