

Special Issue

Advancements in Fertilization Strategies and Soil Health for Rice and Wheat Cultivation

Message from the Guest Editors

In the face of the ongoing challenge of ensuring food security for the global population, achieving higher crop yields and enhanced food quality has become a pivotal goal for agricultural scientists. For this Special Issue, we invite the submission of research papers that explore nutrient management and soil quality practices crucial to stable, high-yield rice and wheat production across diverse ecological regions. We encourage submissions that investigate innovative fertilizer products and precision application techniques, alongside their nutrient action mechanisms. Furthermore, we welcome studies addressing the effects of practices such as straw return, organic fertilizer substitution, and the integration of water and nutrient management on the synergistic production of high-quality rice and wheat. We aim to identify key technologies and cultivation models that promote efficient production while enhancing soil fertility and carbon sequestration. Both long-term fertilizer efficacy studies and shorter-term tests (such as pot, hydroponic, and field tests) are encouraged. Through this Special Issue, we invite you to contribute to this vital discourse.

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Editor-in-Chief

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