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Fertilizer Management: Enhancing Crop Yield and Produce Quality

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Message from the Guest Editor

Dear Colleagues,

Fertilizer management (FM) is crucial to ensure efficiency and effectiveness in fertilization, whether they are soil-based, foliar-based, or a combination of both, including organic and inorganic (synthetic) fertilization strategies; additionally, soil–plant nutrient diagnostic tools and advanced fertilization technologies is also important. Moreover, FM should aim to minimize nutrient loss and maximize the nutrient use efficiency influenced by soil types, climatic conditions, cropping systems, and farmers' practices.

FM underpins sustainable cropping systems. Over- and under-fertilization of the crops have negative impacts not only on crop yields and produce quality but also on the environment. This Special Issue highlights FM in improving crop yield and quality issues in food and industrial crops, especially research work carried out under open-field conditions. Further, it welcomes work that focus on balanced fertilization strategies for improving crop yields and the quality of produce.

If you have any plans, please let us know. You could write to us via email or contact the assistant editor at juicy.yang@mdpi.com



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Special Issue



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Message from the Editor-in-Chief

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