

## Special Issue

# Fertilizer Management Strategies for Enhancing the Growth, Yield and Quality in Crops

### Message from the Guest Editor

Fertilizer management has always played an indispensable role in enhancing crop growth and promoting yield formation. The marginal effect of yield enhancement of essential macroelements, such as nitrogen and phosphorus, is considerably reduced when used in large quantities, and also leads to a high pressure on the environment. Nutrient use efficiency can be further improved through a series of fertility management measures such as controlled release of fertilizers, elemental interactions, organic fertilizers or novel application techniques for fertilizers. In the pursuit of high yields, the heavy use of chemical fertilizers may result in a decline in crop quality. This Special Issue aims to discuss various fertilizer management strategies enhancing crop growth, yield and quality. Studies regarding nutrient management, precision agriculture, integrated soil fertility management, application methods, slow-release and controlled-release fertilizers, soil amendments or other products, crop rotation and cover cropping are invited for submission.

### Guest Editor

Dr. Peiyuan Cui

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### Deadline for manuscript submissions

closed (10 June 2025)



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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### Editor-in-Chief

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