

Special Issue

The Responses of Food Crops to Fertilization and Conservation Tillage

Message from the Guest Editor

Enhancing the yield and quality of food crops is a long-standing, central challenge in agriculture. Fertilization and tillage are the two most vital agronomic practices, affecting crop yields, yield quality, and soil health. Thus, there is a need for innovative fertilizer application strategies and tillage practices to improve resource utilization and crop yield and quality on a sustainable basis. Therefore, investigating the response of food crops to fertilization and conservation tillage should focus not only on cropping systems, but also on agroforestry systems.

This Special Issue welcomes review and research articles that focus on fertilizer and tillage management practices, innovative approaches, and resource conservation technologies that can successfully increase system productivity in food crop-based cropping systems and agroforestry systems while reducing negative environmental impacts. Papers presenting new, comprehensive studies on various aspects, including food crop management, fertilization, yield, quality, resource utilization, the stress resistance physiology of crops, and integrated ecological effects, are welcome

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2025)



Agriculture

an Open Access Journal
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Impact Factor 3.6
CiteScore 7.8



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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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