

Special Issue

Effect of Cultivation Practices on Crop Yield and Quality

Message from the Guest Editor

Crop production is essential for both plant and animal food production. However, the effects associated with climate change are already reducing crop yields and food quality. On the other hand, over-intensification of crop production has become a major challenge for sustainable agriculture. Studies on improving crop-cultivation practices, such as enhancing soil fertility, optimizing fertilizer management, using appropriate tillage systems, integrated pest management, crop rotation, and improved cultivars in crop production, can increase the total yield and improve crop quality. It is also important to develop appropriate cultivation practices that protect the production potential of the environment and reduce the scale of its degradation. Abiotic stresses can also significantly reduce crop yield and quality. In this Special Issue, we welcome original research, recent studies, reviews, and achievements on the impact of improving various cultivation practices used in crop production technologies, shaping their yield and quality, which is the main goal of sustainable crop production.

Guest Editor

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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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