

Special Issue

Strategies to Improve the Security and Nutritional Quality of Crop Species

Message from the Guest Editors

The quality of the raw material supplied to the industry affects the final quality of the product obtained. Therefore, the cultivation technology of individual plant species is of colossal importance. Additionally, fungal diseases can lead to reduced quality and the production of toxic metabolites known as mycotoxins. Due to climate change, urbanisation and other human activities, there is a growing concern about the levels of these contaminants in food. In recent years, the use of biotechnology and genome editing of plants in order to enhance their nutritional value or increase their resistance to pests or unfavourable environmental conditions, such as drought, is also gaining more focus. This Special Issue focuses on the role that soil quality, agrotechnology (tillage, forecrop, fertilisation, crop protection, harvesting) and varieties play in the production of high-quality food. For this reason, highly interdisciplinary quality research results from different research fields, including genetics, new genomic techniques and breeding, agriculture, food technology, and ecology, are welcome. Original scientific and review papers will be accepted.

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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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