Special Issue

Molecular Breeding Approaches to Improve Stress Resistance in Wheat

Message from the Guest Editors

Wheat is one of the most important crops in the world. With the availability of the wheat genomic DNA sequence, molecular breeding approaches have advanced significantly. Developments in mapping techniques, gene cloning, and the use of functional genes in wheat genetic improvement have played a significant role. Biotic and abiotic stresses always threaten wheat production, causing significant losses annually. Major biotic stresses include fungal, bacterial, viral, and nematode pathogens, whereas abiotic stresses include drought, salt, heat, cold, and heavy metals. Multiple approaches have been used in wheat breeding to address these issues. Several stress-resistance genes have been identified and localized to wheat chromosomes. Given these developments, this Special Issue of *Agriculture* focuses on highlighting the achievements and ongoing efforts aiming to breed wheat for stress resistance. Different article types, such as original research articles, opinions, and reviews, are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (20 March 2024)

Agriculture

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 6.3

mdpi.com/si/187933

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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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