



Molecular Breeding Approaches to Improve Stress Resistance in Wheat

Guest Editors:

Dr. Mingming Yang

College of Agronomy, Northwest A&F University, Xianyang, China

Dr. Sachin Rustgi

Department of Plant and Environmental Sciences, Clemson University, 2200 Pocket Road, Florence, SC 29506, USA

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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.





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Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

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Contact Us

Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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