

Special Issue

Durum Wheat Breeding and Genetics

Message from the Guest Editors

Durum wheat is one of the most economically important crops in the world because of its unique characteristics for pasta-making. Mediterranean basin is the main cultivated area of durum wheat and one of the most vulnerable regions in the world to the impacts of global warming. In this scenario, the production of durum wheat is threatened by the impacts of climate change, and there is a need for more sustainable development. In this Special Issue we welcome research papers and reviews (a reduced number) dealing with topics related to the genetic improvement of durum wheat with particular reference to the key traits to increase productivity and grain quality despite increasing water scarcity, higher temperatures, and the emergence of new pests and diseases. Contributions highlighting the usefulness of new genotyping, phenotyping and modelling techniques to improve the knowledge and prediction of complex agronomic traits in durum wheat breeding programs, are welcome. Dr. Pasquale De Vita
Dr. Francesca Taranto

Guest Editors

Dr. Pasquale De Vita

Council for Agricultural Research and Economics, Research Centre for Cereal and Industrial Crops (CREA-CI), SS 673 km 25+200, 71122 Foggia, Italy

Dr. Francesca Taranto

Council for Agricultural Research and Economics, Research Centre for Cereal and Industrial Crops (CREA-CI), SS 673 km 25+200, 71122 Foggia, Italy

Deadline for manuscript submissions

closed (31 May 2020)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/22906

Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)



About the Journal

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)