

Special Issue

Cereal Breeding: Improving Seed Vigour Traits and Grain Quality

Message from the Guest Editors

Cereals represent the primary source of nourishment for mankind and livestock worldwide and, consequently, have been subjected to intense and prolonged selection since the rise of civilization. The diversification of purposes in the use of cereal kernels makes breeding, in many ways, a specialized task, though the obtaining of healthy seeds with a good harvest index is a general goal of every cereal breeding programme. Manuscripts regarding the improvement of seed germinative vigour, grain composition, or both are welcome in this Special Issue. Themes of interest include breeding and pre-breeding for seed vigour and quality, domestication, identification of loci for useful grain traits and analysis of the genetic bases of seed vigour.

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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