

Special Issue

Recent Advances in Modern Seed Technology

Message from the Guest Editors

In the vast majority of plant species, seed formation is the final stage of ontogenesis. The seeds that arose during the long evolution of plant organisms concentrated the signs of the species and acquired various adaptations that enabled reproducing their own kind. Plant growers strive to increase the yield of seeds and improve their quality by means of various measures. The whole chain of processes occurring in the forming seeds, the specifics of their maturation and subsequent dormancy, the patterns of seed germination and their transformation into a new plant have constantly been in the field of view of plant physiologists. However, seeds as objects of research are also important for technologists. For technologists, seeds are the basis of the technological processes of testing, the identification of substandard seeds, grading, activation, pelletizing, seeding and other processes carried out using modern techniques and technical means. This Special Issue is focused on (but not limited to) modern technologies in seed production, and will cover the following headings

- Seed physiology
- Seed enhancement
- Seed quality
- Plant ontogenesis from enhancement seeds

Guest Editors

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Deadline for manuscript submissions

closed (15 April 2023)



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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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