

Special Issue

Feature Papers in Genotype Evaluation and Breeding

Message from the Guest Editor

Plant breeding aims to provide improved cultivars that address human needs. These cultivars must show enhanced productivity, appropriate produce quality, climate resilience, and host plant resistance to pathogens and pests. Plant breeding contributes further to sustainable agriculture intensification by reducing the negative impacts on agroecosystems by releasing cultivars with input use efficiency that are suitable for conservation agriculture. This Special Issue will thus focus on the scientific and technical advances in knowledge, methods and tools that facilitate and accelerate the release of genetically enhanced seed-embedded technology that meets the current and future expectations of markets worldwide. Research or review articles on the following topics are welcome for this Special Issue: How to improve selection accuracy considering the product profiles?

What may work for increasing genetic gains and steady cultivar replacement?

Where to breed crops for the future?

When to increase genetic variation in the breeding pool?

Which breeding methods and tools may enhance selection intensity?

Who will deliver the seeds of cultivars in 2050?

Guest Editor

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Deadline for manuscript submissions

closed (5 September 2024)



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About the Journal

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.

Editor-in-Chief

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