

Special Issue

Forage Breeding and Cultivation

Message from the Guest Editors

Breeding high-yield and stress-tolerant varieties and improving cultivation technologies are crucial for forage yield improvement. Traditional hybrid breeding and domestication are fundamental forage breeding methods. Advanced breeding methods including molecular marker-assisted selection and genomic modification could dramatically shorten the breeding cycle. Efficient fertilization technology and irrigation systems are critical for the improvement of forage productivity.

This Special Issue aims to highlight impactful research and commentaries focusing on attempts to breed superior forage varieties and develop efficient cultivation technologies. This Issue welcomes studies on forage breeding (including domestication, genomic selection, genomic modification, gene editing, and gene functional mechanisms) and cultivation (including fertilization, nutrient utilization, and irrigation systems). In addition, we encourage inter- and trans-disciplinary studies (e.g., agricultural sciences, breeding sciences, biology, microbiology, and bioinformatics), as well as those incorporating other crop production methods into forage breeding and cultivation.

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Deadline for manuscript submissions

closed (25 June 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.

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