

## Special Issue

# Forage Breeding and Cultivation—2nd Edition

### Message from the Guest Editors

Forage yield has dramatically improved due to the application of new biotechnology and breeding methodologies. However, global meat and milk consumption is rapidly increasing, leading to urgent demand for forage supplies. Therefore, 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 improvements in forage productivity.

This Special Issue is a continuation of the previous Special Issue, 'Forage Breeding and Cultivation'. This Special Issue focuses on attempts to breed superior forage varieties and develop efficient cultivation technologies. This Special 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).

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### Guest Editors

Prof. Dr. Ruicai Long  
Dr. Xiao Li  
Dr. Hao Sun

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### Deadline for manuscript submissions

30 September 2026



## Agriculture

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### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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### Editor-in-Chief

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