

Special Issue

Silage Management for Cattle: Optimizing Cattle Health and Performance

Message from the Guest Editors

The management of silage, encompassing crop selection, harvest timing, ensiling techniques, storage conditions, and feed-out practices, has a direct impact on nutrient preservation, fermentation quality, feed intake, and cattle performance. We invite researchers to submit original research articles, reviews, short communications, and case studies, including but not limited to the following: Harvest strategies and crop maturity effects on silage quality and their consequences for cattle performance and health; Microbial ecology of silage and the use of inoculants or additives in relation to animal nutrition and safety; Nutritional evaluation of silages and impacts on growth, reproduction, milk yield, and overall cattle performance; Health and welfare outcomes directly associated with silage feeding and quality; Aerobic stability, spoilage prevention, and feed-out management to safeguard feed intake, rumen function, and animal productivity; Environmental impacts and mitigation strategies in silage production while maintaining animal efficiency; Novel approaches and technologies in silage monitoring and management with emphasis on links to cattle health, welfare, and performance.

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Deadline for manuscript submissions

closed (30 March 2026)



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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.

Editor-in-Chief

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