

Special Issue

Alternative Approaches to Feed Selection and Animal Performance in Ruminants

Message from the Guest Editors

With the increasing consumption demands of high quality and economical animal products, supporting the steady supply of feedstuff and healthy production in intensive production systems is becoming a challenge, especially in the midst of unsteady global situations.

Therefore, a larger source of cost-effective feeds and additives is urgently necessary to maintain the healthy development of livestock husbandry. Therefore, more unconventional feedstuff and efficient additives must be investigated and popularized, ultimately improving production efficiency and economic–environmental benefits. This Special Issue focuses on the development and assessment of innovative feed processing technology, unconventional feed resources or new additive applications for sustainable livestock development. This Special Issue will include interdisciplinary studies embracing animal husbandry with the disciplines of chemistry, engineering, optics, biology, environmental science, etc. Research articles will cover a broad range of feed resource/additive exploitation and applications, as well as their underlying functional mechanism.

Guest Editors

Dr. Liwen He

College of Animal Science and Technology, China Agricultural University, Beijing 100193, China

Dr. Yawei Zhang

College of Animal Science, Shanxi Agricultural University, Jinzhong 030801, China

Deadline for manuscript submissions

31 August 2026



Agriculture

an Open Access Journal
by MDPI

Impact Factor 4.5
CiteScore 7.8



mdpi.com/si/253752

Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)





Agriculture

an Open Access Journal
by MDPI

Impact Factor 4.5
CiteScore 7.8



[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)



About the Journal

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

Prof. Dr. Les Copeland
Sydney Institute of Agriculture, School of Life and Environmental
Sciences, The University of Sydney, Sydney, NSW 2006, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), GEOBASE, PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)