

## Special Issue

# Feed Evaluation and Management for Ruminant Nutrition

### Message from the Guest Editor

This Special Issue is dedicated to examining the latest methodologies and technologies used in the evaluation and management of feed for ruminant nutrition. It aims to tackle the pressing need for precise, swift, and consistent feed assessment techniques that can be utilized in both specialized facilities and farm environments. Innovative strategies for analyzing feed quality range from more traditional laboratory methods to contemporary solutions such as near-infrared spectroscopy (NIRS) systems. Our focus is on cutting-edge technologies and methods that improve accuracy in the evaluation and consumption feed, such as the following:

Advanced NIRS applications for real-time feed analysis;  
Innovative external and internal markers for measuring feed intake, digestibility, and utilization;

Precision feeding strategies that use state-of-the-art methods to manage and assess the quality and consumption of TMRs.

We welcome papers that explore the following:

New techniques for feed sampling and analysis and the development and validation of quick on-farm feed evaluation methods.

Comparative studies of traditional versus modern feed evaluation methods.

---

### Guest Editor

Dr. Sameer J. Mabjeesh

Department of Animal Sciences, R.H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, P.O. Box 12, Rehovot 7610001, Israel

---

### Deadline for manuscript submissions

closed (10 March 2026)



## Agriculture

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 6.3



[mdpi.com/si/234564](https://mdpi.com/si/234564)

*Agriculture*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agriculture@mdpi.com](mailto:agriculture@mdpi.com)

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





# Agriculture

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 6.3



[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)