

Special Issue

Effects of New Feeds or Additives on Farm Animal Performance and Carcasses Composition

Message from the Guest Editors

In the context of depleting traditional feed supplies and environmental problems in agriculture, innovative formulations and feed additives exhibit potential. These developments seek to enhance animal performance and meat quality through specific diets and biotechnology. Furthermore, the emphasis on sustainability encourages the development of alternative feed supplies and sustainable additives, mitigating the environmental impact of animal husbandry. This Special Issue will investigate the influence of innovative feeds and additives on the performance of farm animals, their carcass quality, and meat quality. We encourage the submission of articles that provide novel insights into the productivity enhancements and alterations in carcass composition resulting from these advancements. Topics include growth rates, feed efficiency, nutrient utilization, and meat quality parameters. Both original research articles and reviews are welcome. Keywords: new feeds; additives; farm animals; performance; meat quality; nutrition; growth rates; carcass composition; feed efficiency; sustainability

Guest Editors

Prof. Dr. Asta Racevičiūtė-Stupelienė

Institute of Animal Rearing Technologies, Veterinary Academy,
Lithuanian University of Health Sciences, Tilžės Str. 18, LT-47181
Kaunas, Lithuania

Prof. Dr. Vilma Vilienė

Institute of Animal Rearing Technologies, Veterinary Academy,
Lithuanian University of Health Sciences, Tilžės Str. 18, LT-47181
Kaunas, Lithuania

Deadline for manuscript submissions

10 November 2025



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/201989

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 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, 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.

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), PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

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