

## Special Issue

# Advanced Studies in Improving the Nutritional Status of Forage Crops for Better Livestock Productivity

### Message from the Guest Editors

Forage crops refer to plants, usually grasses (Poaceae) or herbaceous legumes (Fabaceae), consumed by animals, particularly livestock. The nutritional status of forage plants depends on the concentration and proportion of carbohydrates, proteins and lipids. The composition of these organic nutrients determines the digestibility of each plant, which, along with minerals and vitamins, provides the amount of energy the animal can obtain. The quality of feed used in livestock nutrition is very important, as it determines not only the animal's performance but also the quality of milk and dairy products and beef. Forage crop quality is determined by genetic constitution and agronomic practices (irrigation management, harvesting stage, the number of cuttings etc.). In addition, climatic changes and abiotic stress factors can also affect forage quality. Nutrient application rate also influence the quality aspect of forage crops and so does preservation technology involving inherent nutrient losses. In this Special Issue, we are looking for publications that can bring together different aspects concerning the improvement of the nutritional status of forage crops.

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### Guest Editors

Dr. Barbara Wróbel

Institute of Technology and Life Sciences—National Research Institute, Falenty, 3 Hrabaska Avenue, 05-090 Raszyn, Poland

Dr. Waldemar Zielewicz

Department of Grassland and Natural Landscape Sciences, Poznań University of Life Sciences, Dojazd 11, 60-632 Poznań, Poland

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### Deadline for manuscript submissions

20 February 2025



## Agriculture

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*Agriculture*

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

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## About the Journal

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*Agriculture* (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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### 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

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