

Special Issue

Innovative Technologies for the Feeding of Dairy Cattle to Ensure Animal Welfare and Production Quality— INNOVALAT

Message from the Guest Editors

In order to express dairy cattle's potential in the best possible way, cows with a high productive aptitude must be efficiently fed. In order to manifest itself, the productive aptitude must be adequately supported by correct feeding (quantity and quality) and above all by correct feeding management. Correct nutrition management is of extreme importance not only for the best expression of genetic potential, but also to safeguard animal health and welfare and finally to avoid waste, since feeding contributes on the order of 50–60% of the cost of milk production. Precision feeding (PF) is developing very successfully in the field of precision animal husbandry.

Topics

- Non-destructive measurements of quality milk and feed total mixed ratio;
- IoT and machine learning for agro-zootechnical sectors;
- Welfare of dairy cattle;
- Qualitative characteristics of the milk in relation to the needs deriving from the technological transformation;
- Precision feeding systems;
- Precision farming;
- Safety and health in agro-zootechnical sectors.

Guest Editors

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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.

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