

Special Issue

The Impact of Silage on Milk Yield, Milk Quality and Dairy Products of Ruminants

Message from the Guest Editors

Silage production has ancient roots and is a great forage preservation method. It's anaerobically fermented green fodder, highly valued globally as animal feed during lean times.

Modern ensiling technology has enhanced silage's feeding value, making it nearer to the original forage. Developments in silage additives and livestock safety have uncovered antioxidant supplements that boost silage's antioxidant activity and health - related qualities. Despite this, low - quality silage is still being produced. Using non - conventional feed or local by - products can cut production costs, substitute part of grains and forage, and add bioactive compounds to animal diets. Preservation methods like ensiling can preserve nutrients and reduce seasonal availability variations. The literature mostly contains papers on how feeding silage to lactating animals impacts milk quality. Today, the focus on milk quality has broadened to include nutraceutical aspects.

This Special Issue aims to publish recent ruminant nutrition advances, particularly those related to the nutraceutical elements of milk and dairy products.

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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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