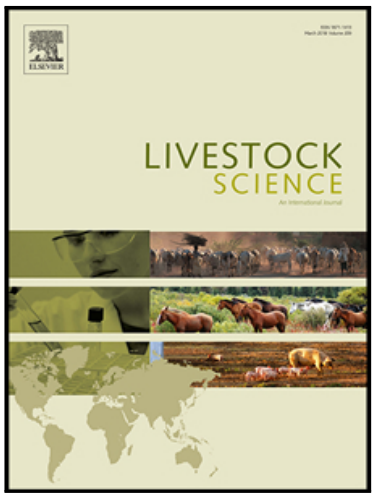

Effects of feeding level, type of forage and milking time on milk lipolytic system in dairy cows.

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Highlights

- Feed-restricted mid-lactation Holstein cows: higher spontaneous lipolysis levels in morning an evening milks compared to non-restricted cows.
- Mid lactation holstein cows fed corn silage: higher spontaneous lipolysis in morning milks.
- Proteose peptone 5 was negatively correlated with spontaneous lipolysis, suggesting a potential inhibitor effect of proteose peptone 5.
- Milk-cis9 C18:1/C18:0 and spontaneous lipolysis of sensitive cows were positively correlated, suggesting a link between tissue mobilization, mammary metabolism and spontaneous lipolysis.