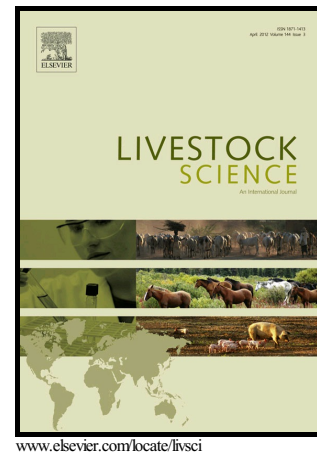


Author's Accepted Manuscript

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PII: S1871-1413(17)30299-8
DOI: <https://doi.org/10.1016/j.livsci.2017.10.007>
Reference: LIVSCI3319

To appear in: *Livestock Science*

Received date: 6 June 2017
Revised date: 28 September 2017
Accepted date: 6 October 2017

Cite this article as: Anne Louise Frydendahl Hellwing, Ulrike Messerschmidt, Mogens Larsen and Martin Riis Weisbjerg, Effects of feeding sugar beets, ensiled with or without an additive, on the performance of dairy cows, *Livestock Science*, <https://doi.org/10.1016/j.livsci.2017.10.007>

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Effects of feeding sugar beets, ensiled with or without an additive, on the performance of dairy cows

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Abstract

The objective of this study was to examine the nutritional composition and quality of beet silages ensiled without (SBS–) and with silage additive (SBS+) and the effect on nutrient intake, milk yield, and milk composition when maize silage was replaced with SBS+ or SBS–. SBS– ferment heavily, and the main fermentation products are ethanol, lactic acid, and acetic acid. Adding a silage additive restricts fermentation and preserves most of the sugar in SBS+. Forty-two Holstein cows were used in a multiple 3 x 3 Latin square design.

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