Accepted Manuscript

Title: Replacing maize silage with red clover silage in total mixed rations for dairy cows: In vitro ruminal fermentation characteristics and associative effects

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PII: S0377-8401(16)31018-5

DOI: http://dx.doi.org/doi:10.1016/j.anifeedsci.2017.03.002

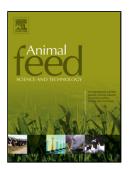
Reference: ANIFEE 13737

To appear in: Animal Feed Science and Technology

Received date: 16-11-2016 Revised date: 3-3-2017 Accepted date: 4-3-2017

Please cite this article as: Westreicher-Kristen, E., Blank, R., Schulz, F., Susenbeth, A.,Replacing maize silage with red clover silage in total mixed rations for dairy cows: In vitro ruminal fermentation characteristics and associative effects, *Animal Feed Science and Technology* (2017), http://dx.doi.org/10.1016/j.anifeedsci.2017.03.002

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Highlights

- The effect of replacing maize silage with red clover silage (RCS) was studied *in vitro*.
- Gas production and utilizable crude protein (uCP) decreased with increasing levels of RCS.
- Positive associative effects were found for gas production and uCP, and were reduced with increasing incubation time and level of RCS.
- We suggest the feed value of diets was reduced with each increasing level of RCS.

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