

## Accepted Manuscript

Title: Protein value of diets for dairy cows with different proportions of crude protein originating from red clover silage versus soybean meal

Authors: Edwin Westreicher-Kristen, Ralf Blank, Cornelia C. Metges, Andreas Susenbeth



PII: S0377-8401(17)31602-4  
DOI: <https://doi.org/10.1016/j.anifeedsci.2018.09.010>  
Reference: ANIFEE 14068

To appear in: *Animal Feed Science and Technology*

Received date: 20-12-2017  
Revised date: 12-9-2018  
Accepted date: 19-9-2018

Please cite this article as: Westreicher-Kristen E, Blank R, Metges CC, Susenbeth A, Protein value of diets for dairy cows with different proportions of crude protein originating from red clover silage versus soybean meal, *Animal Feed Science and Technology* (2018), <https://doi.org/10.1016/j.anifeedsci.2018.09.010>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## **Protein value of diets for dairy cows with different proportions of crude protein originating from red clover silage versus soybean meal.**

Edwin Westreicher-Kristen<sup>a\*</sup>, Ralf Blank<sup>a</sup>, Cornelia C. Metges<sup>b</sup>, Andreas Susenbeth<sup>a</sup>

<sup>a</sup>Institute of Animal Nutrition and Physiology, Christian-Albrechts-Universität zu Kiel, Hermann-Rodewald-Strasse 9, 24118 Kiel, Germany

<sup>b</sup>Institute of Nutritional Physiology “Oskar Kellner”, Leibniz Institute for Farm Animal Biology (FBN), Wilhelm-Stahl-Allee 2, 18196 Dummerstorf, Germany

\*Corresponding author.

E-mail address: [westreicher@aninut.uni-kiel.de](mailto:westreicher@aninut.uni-kiel.de) (E. Westreicher-Kristen).

### Highlights

- Crude protein (CP) value from red clover silage (RCS) and soybean meal were studied.
- Undegraded and intestinal digestibility of CP reduced with increasing level of RCS.
- Increasing level of RCS shifted the site of CP utilization from rumen to intestine.
- The CP value of diets reduced with each increasing level of RCS.
- RCS can be included up to 0.30 without impairment of protein value of diets.

Download English Version:

<https://daneshyari.com/en/article/11029283>

Download Persian Version:

<https://daneshyari.com/article/11029283>

[Daneshyari.com](https://daneshyari.com)