Accepted Manuscript

Addition of an extract of lucerne (Medicago sativa L.) to cattle diets – Effects on fatty acid profile, meat quality and eating quality of the M. longissimus muscle

Siân B. MacKintosh, Ian Richardson, Eun Joong Kim, Dirk Dannenberger, Didier Coulmier, Nigel D. Scollan

PII: S0309-1740(17)30374-1

DOI: doi: 10.1016/j.meatsci.2017.03.011

Reference: MESC 7209

To appear in: Meat Science

Received date: 16 September 2016 Revised date: 28 March 2017 Accepted date: 29 March 2017

Please cite this article as: Siân B. MacKintosh, Ian Richardson, Eun Joong Kim, Dirk Dannenberger, Didier Coulmier, Nigel D. Scollan, Addition of an extract of lucerne (Medicago sativa L.) to cattle diets — Effects on fatty acid profile, meat quality and eating quality of the M. longissimus muscle. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Mesc(2017), doi: 10.1016/j.meatsci.2017.03.011

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.



ACCEPTED MANUSCRIPT

Addition of an extract of lucerne (*Medicago sativa* L.) to cattle diets – effects on fatty acid profile, meat quality and eating quality of the *M. Longissimus* muscle.

Siân B. MacKintosh^a, Ian Richardson^b, Eun Joong Kim^{a,1}, Dirk Dannenberger^c, Didier Coulmier^d, Nigel D. Scollan^{e*}

^a Institute of Biological, Environmental and Rural Sciences, Aberystwyth University,
Aberystwyth, SY23 3EB, UK; ^b Division of Farm Animal Science, Department of Clinical
Veterinary Science, University of Bristol, Langford, BS40 5DU, UK; ^c Leibniz Institute for
Farm Animal Biology, Institute of Muscle Biology and Growth, 18196 Dummerstorf,
Wilhelm-Stahl-Allee 2, Germany; ^d Desialis, Complexe Agricole Mont Bernard, 51007
Chalons en Champagne, France; ^eInstitute for Global Food Security, Queens University
Belfast, Stranmillis Road, Belfast, BT9 5AG.

*Corresponding author:

Nigel Scollan, Institute for Global Food Security, Queen's University Belfast, Stranmillis Road, Belfast, BT9 5AG.

Tel.: +44 (0)28 90976549. Fax: +44 (0)28 90976513. E-mail address: nigel.scollan@qub.ac.uk

¹ Present address: Department of Animal Science, Kyungpook National University, Sangju, 37224, South Korea

Download English Version:

https://daneshyari.com/en/article/5543392

Download Persian Version:

https://daneshyari.com/article/5543392

<u>Daneshyari.com</u>