### Accepted Manuscript

Title: Effect of linseed supplementation level and feeding duration on performance, carcass and meat quality of cull ewes

Authors: A. Guerrero, C. Sañudo, M.M. Campo, J.L. Olleta, E. Muela, R.M.G. Macedo, F.A.F. Macedo

 PII:
 S0921-4488(18)30650-3

 DOI:
 https://doi.org/10.1016/j.smallrumres.2018.07.014

 Reference:
 RUMIN 5715

To appear in: Small Ruminant Research

 Received date:
 6-2-2018

 Revised date:
 25-6-2018

 Accepted date:
 20-7-2018

Please cite this article as: Guerrero A, Sañudo C, Campo MM, Olleta JL, Muela E, Macedo RMG, Macedo FAF, Effect of linseed supplementation level and feeding duration on performance, carcass and meat quality of cull ewes, *Small Ruminant Research* (2018), https://doi.org/10.1016/j.smallrumres.2018.07.014

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## ACCEPTED MANUSCRIPT

## EFFECT OF LINSEED SUPPLEMENTATION LEVEL AND FEEDING DURATION ON PERFORMANCE, CARCASS AND MEAT QUALITY OF CULL EWES

A. Guerrero <sup>a,\*</sup>, C. Sañudo <sup>a</sup>, M.M. Campo <sup>a</sup>, J.L. Olleta <sup>a</sup>, E. Muela <sup>a</sup>, R.M.G. Macedo <sup>a, b</sup>, F.A.F. Macedo <sup>a, b</sup>

<sup>a</sup> Department of Animal Production and Food Science, Instituto Agroalimentario (IA2), Universidad de Zaragoza - CITA, C/Miguel Servet, 177, 50013 Zaragoza, Spain.

<sup>b</sup> Department of Animal Science, Universidade Federal de Sergipe, Cidade Universitária, 49100-000, São Cristovão, Sergipe, Brazil.

\*Corresponding author e-mail: aguerre@unizar.es

#### Highlights

- In cull ewes, feed duration has a stronger effect that linseed supplementation level.
- Level and feeding duration improve body condition score and carcass characteristics.
- Increment on linseed supplementation level improves intramuscular fatty acid profile.
- Seventy days produces an excessive fattening that affects negatively meat quality.
- Supplementation with a 10 % of linseed could be enough to improve ewe meat quality.

#### Abstract

The effects of linseed supplementation level (LSL: 5%, 10% or 15%) and feeding duration (FD: 30, 50 or 70 days) were analysed on productive, carcass and meat quality

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