Accepted Manuscript

Title: Feather pecking genotype and phenotype affect behavioural responses of laying hens

Authors: Jerine A.J. van der Eijk, Aart Lammers, Peiyun Li, Joergen B. Kjaer, T. Bas Rodenburg

PII: S0168-1591(18)30289-2

DOI: https://doi.org/10.1016/j.applanim.2018.05.027

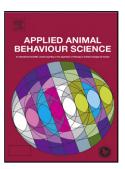
Reference: APPLAN 4659

To appear in: APPLAN

Received date: 14-11-2017 Revised date: 14-3-2018 Accepted date: 27-5-2018

Please cite this article as: van der Eijk JAJ, Lammers A, Li P, Kjaer JB, Rodenburg TB, Feather pecking genotype and phenotype affect behavioural responses of laying hens, *Applied Animal Behaviour Science* (2018), https://doi.org/10.1016/j.applanim.2018.05.027

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

Title

Feather pecking genotype and phenotype affect behavioural responses of laying hens

Authors

Jerine A.J. van der Eijk^{1,2*}, Aart Lammers², Peiyun Li¹, Joergen B. Kjaer³ and T. Bas Rodenburg^{1,2}

¹ Behavioural Ecology Group, Wageningen University and Research, Wageningen, the Netherlands

² Adaptation Physiology Group, Wageningen University and Research, Wageningen, the Netherlands

³ Friedrich-Loeffler-Institut, Federal Research Institute for Animal Health, Institute of Animal Welfare and Animal Husbandry, Celle, Germany

*Corresponding author: jerine.vandereijk@wur.nl (J.A.J. van der Eijk)

Behavioural Ecology Group, Wageningen University and Research, P.O. Box 338, 6700 AH Wageningen, the Netherlands

Highlights

- The effect of feather pecking genotype and phenotype on fearfulness was studied.
- Responses of birds to fear tests were studied at young and adult ages.
- High feather pecking line had more active responses, suggesting lower fearfulness.
- Feather peckers had more active responses, suggesting lower fearfulness.

Download English Version:

https://daneshyari.com/en/article/8882726

Download Persian Version:

https://daneshyari.com/article/8882726

<u>Daneshyari.com</u>