

Accepted Manuscript

Title: Antimicrobial susceptibility of *Avibacterium paragallinarum* isolates from outbreaks of infectious coryza in Dutch commercial poultry flocks, 2008–2017

Authors: Annet Heuvelink, Jeanine Wiegel, Corinna Kehrenberg, Remco Dijkman, Edgardo Soriano-Vargas, Anneke Feberwee



PII: S0378-1135(17)31410-4
DOI: <https://doi.org/10.1016/j.vetmic.2018.03.008>
Reference: VETMIC 7901

To appear in: *VETMIC*

Received date: 30-11-2017
Revised date: 17-2-2018
Accepted date: 9-3-2018

Please cite this article as: Heuvelink A, Wiegel J, Kehrenberg C, Dijkman R, Soriano-Vargas E, Feberwee A, Antimicrobial susceptibility of *Avibacterium paragallinarum* isolates from outbreaks of infectious coryza in Dutch commercial poultry flocks, 2008–2017, *Veterinary Microbiology* (2018), <https://doi.org/10.1016/j.vetmic.2018.03.008>

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.

Antimicrobial susceptibility of *Avibacterium paragallinarum* isolates from outbreaks of infectious coryza in Dutch commercial poultry flocks, 2008 - 2017

Annet Heuvelink^{a,*}, Jeanine Wiegel^a, Corinna Kehrenberg^b, Remco Dijkman^a,
Edgardo Soriano-Vargas^c, Anneke Feberwee^a

^a GD Animal Health, Arnsbergstraat 7, 7418 EZ, Deventer, the Netherlands

^b Institute for Food Quality and Food Safety, University of Veterinary Medicine
Hannover, Foundation, Bischofsholer Damm 15, 30173 Hannover, Germany

^c Centro de Investigación y Estudios Avanzados en Salud Animal, Facultad
de Medicina Veterinaria y Zootecnia, Universidad Autónoma del Estado de México, Toluca,
Mexico

* Corresponding author: Tel.: +31-570-660174. Fax: +31-570-634104.

E-mail address: a.heuvelink@gdanimalhealth.com

Highlights

- *In vitro* antimicrobial susceptibility of Dutch *Avibacterium paragallinarum* isolates
- New medium for broth microdilution susceptibility testing of *A. paragallinarum*
- Limited resistance among clinical *A. paragallinarum* isolates from Dutch poultry
- Circa 75% of isolates had elevated MIC values of tetracycline (≥ 16 $\mu\text{g/ml}$)
- MICs and PCR results for resistance genes for nine Kume and one Page serovar strain

Abstract

Download English Version:

<https://daneshyari.com/en/article/8505510>

Download Persian Version:

<https://daneshyari.com/article/8505510>

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