



HERD HEALTH MANAGEMENT & ECONOMY

HHM-065

LUNG LESION SURVEY USING CEVA LUNG PROGRAM IN RUSSIA, UKRAINE AND BELARUS: COMPARISON OF PERIODS 2016 AND 2017

D. Sperling¹, V. Pruglo², O. Bekh³, V. Svilovich⁴, P. Mazerolles⁵, R. Krejci⁵.

¹ Ceva Sante Animale, Lignan de Bordeaux, France; ² Ceva Sante Animale, Moscow, Russian Federation; ³ Ceva Sante Animale, Kiev, Ukraine; ⁴ Ceva Sante Animale, Minsk, Belarus; ⁵ Ceva Sante Animale, Libourne, France.

Introduction

Lung scoring at the slaughter house is an effective way how to evaluate respiratory health status, economic impact and efficiency of vaccination on the swine farms. Ceva Lung program (CLP) is tool allowing for rapid scoring and was successfully used for evaluation of real prevalence of EP and A.p like lesions on national level.

The aim of the study is to evaluate prevalence and severity of lesions caused by EP and A.p in the Russia (RU), Ukraine (UA) and Belarus (BY) and compare main parameters with status on 2016.

Materials & Methods

In the period of 2017 a total number of 151 batches and 10968 lungs were scored. Lungs were scored originating from the RU (85 batches), UA (49) and BY (17). EP -like lesions and dorsocaudal pleurisy score (A.p- like lesions) were evaluated and compared with 2016.

Results

All countries showed similar % of affected lungs by EP- like lesions in RU, UA and BY- 28, 81%, 31, 15% and 34, 65%, respectively, in case of all countries there is a notable decrease of EP- like lesions in 2017 (2016: 48- 50%).

The highest % of lungs affected by A.p like lesions was evaluated in BY (66, 67%) and A.p prevalence is growing compared to previous year, increase was confirmed on UA farms as well (18, 75% vs. 13%). RU remains similar with almost no difference in 2017 (10, 42% vs. 11% in 2016). All expressed as median.

Discussion & Conclusion

The prevalence of EP- like lesions has decreasing tendency. One of possible explanation is improvement of control of EP and increasing of effective vaccination against EP. A.p.- like lesions remains high in BY, increase was observed in Ukraine and A.p deserve high attention to be controlled.