

## ASSESSMENT OF BIOSECURITY ON THE DAIRY FARM

Jovan BOJKOVSKI<sup>1</sup>, Renata RELIĆ<sup>2</sup>, Miloje DJURIĆ<sup>1</sup>, Sveta ARSIĆ<sup>1</sup>, Sreten NEDIĆ<sup>1</sup>, Radiša PRODANOVIĆ<sup>1</sup>, Aleksandra MITROVIĆ<sup>1</sup>, Ivan PAVLOVIĆ<sup>3</sup>, Ivan DOBORSAVLJEVIĆ<sup>4</sup>, Branko ANGELOVSKI<sup>5</sup> and Zsolt BECKEI<sup>1</sup>

<sup>1</sup>Faculty of Veterinary Medicine, University of Belgrade, Serbia;

<sup>2</sup>Faculty of Agriculture, University of Belgrade, Serbia;

<sup>3</sup>Scientific Veterinary Institute Serbia, Belgrade, Serbia;

<sup>4</sup>Specialistic Veterinary Institute, Požarevac, Serbia;

<sup>5</sup>Department of internal diseases in farm animals, Veterinary Institute, Faculty of Veterinary Medicine; Ss. Cyril and Methodius University in Skopje; Lazar Pop Trajkov 5-7, 1000 Skopje, North Macedonia

\*Corresponding author, e-mail: [bojkovski@vet.bg.ac.rs](mailto:bojkovski@vet.bg.ac.rs)

**Introduction:** Intensive production in cattle breeding implies a large concentration of animals in a relatively small area, which is why it is necessary to apply certain measures in order to preserve the health of the cattle herd, prevent the introduction and spread of infectious diseases in the herd, and preserve production.

**Aims:** the aim of this lecture is to give an overview of the assessment of biosecurity measures on farms of high milk cows.

**Materials and Methods:** The biosecurity assessment was carried out on cow farms where omissions in the application of certain biosecurity measures were observed.

**Results:** Overlooks, omissions and mistakes in maintaining the required level of biosecurity usually lead to the appearance of diseases, reduction in production volume, death and loss of income, thereby endangering the survival of entire herds of cattle. The presence of bacterial and viral infections led to calf diseases (gastrointestinal and respiratory diseases). In cows, infectious hoof disease (phlegmona interdigitalis).

**Conclusion:** It is recommended that employees' awareness of the real need to protect production as a whole be constantly raised, that there is an active attitude towards existing threats and that the measures taken represent the key to success in designing and preparing biosecurity plans for each specific situation, i.e. a farm of high milk cows

**Keywords:** assessment, biosecurity, cow, farm

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**Acknowledgment:** The study was support by the Ministry of Science, Technological Development and Innovation of the Republic of Serbia (contract number 451-03-47/2023-01/2000143).



# BOOK OF ABSTRACTS

No 10/2023



28 - 30 September 2023, Cluj-Napoca, Romania  
[usamvcluj.ro](http://usamvcluj.ro)

