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**THE CAUSATIVE AGENT OF BRADZOT'S DISEASE IS CL. RESULTS OF LABORATORY DETERMINATION OF 50% AND 100% LETHAL DOSES (LD50 AND LD100) OF OEDEMATIENS STRAIN**

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**ABSTRACT**

*The article describes the results of detection of 50% (ID<sub>50</sub>) and 100% (ID<sub>100</sub>) lethal doses of the pathogen in guinea pigs infected with one-day Cl.Oedematiens culture grown in Kitt-Tarotssi nutrient medium from pathological samples from sheep infected with bradzot. One of the main factors in the development of Bradzot's disease is the grazing and dewing of sheep in winter and early spring, their infection with various helminthiases, a decrease in the body's resistance due to lack of protein, vitamins and minerals. The causative agent of Bradzot's disease, Cl.Oedematiens, is a motile anaerobic bacterium that produces spores in the body of a dead animal. Pathogenic spores enter the animal's body through food, water, soil and manure.*

**KEYWORDS:** *Bradyzot, Causative Agent, Cl.Oedematiens, Lethal Dose, Kitt-Tarozzi, Anaerobic, Experiment, Dispute, Pathological Sample.*

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