

## **THE INFLUENCE OF SEASON ON THE REPRODUCTIVE TRAITS OF PIGS**

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### **Abstract**

The aim of the work was to analyze the influence of the season on the reproductive parameters of pigs. In the experiment, sows of the Large White breed were analyzed in the 2nd - 5th litter on the commercial pig farm. It can be concluded, from the analysis of the obtained results, that the most favorable reproductive parameters per litter were achieved by the sows in the spring and autumn seasons (the number of the liveborn piglets was 11.8 and 11.5 and the number of the weaned piglets was 9.7 and 10.1). The worst reproductive parameters per litter were achieved by the sows in the summer season, where the lowest number of the liveborn piglets (10.8), weaned piglets (8.5), the highest preweaning mortality (2.3) and the longest farrowing interval (172 days) was recorded. The results show that the summer period in our climatic zone represents a critical period of the year, during which it is necessary to pay an extra attention to the control of microclimatic conditions in the pig housing.

**Key Words:** Pigs; reproduction; season