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**GROWING OF REPAIR PIGS WITH THE USE OF FEED ADDITIVE  
«IMUNOCHASNYK»**

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The development of Ukrainian pig farming is driven by the improvement of industrial pig farming technology, including deeper breeding and selection work and better technological conditions for housing and feeding. The intensification of these processes allows to bring the national livestock industry to a higher level and the ability to compete with foreign producers [2, 3].

The purpose of this study was to investigate the effectiveness of the use of the natural plant growth stimulator «IMUNOCHASNYK» by Eagle Trading LLC and its impact on the productivity and reproductive capacity of gilts under conditions of industrial technology for the production of pig products. The research was conducted in the conditions of the private-rental enterprise «Victoria» in the Bashtanka district of the Mykolaiv region on 160 heads of clinically healthy two-breed repair pigs of the combination Large White × Landrace (PIC, UK). The groups were divided according to the following principle: the first control group (I) of pigs received standard basic diets (BD) without any additives, the second experimental group (II) received a natural growth stimulant «IMUNOCHASNYK» in the amount of 500 g/ton of feed in the main diet during the growing period at the age of 12-28 weeks, the third experimental group (III) of pigs received a natural growth stimulator in the amount of 1000 g/ton of feed, the fourth experimental group (IV) received a natural growth stimulator in the amount of 1500 g/ton of feed [1].

The use of the natural growth stimulant «IMUNOCHASNYK» in the amount of 500 g/ton (group II) increased the average daily gain of gilts by 9.43%, the addition of «IMUNOCHASNYK» in the amount of 1000 g/ton of feed – 9.87% and in the amount of 1500 g/ton of feed – 8.54% compared to the control, without feed additive. The culling rate for the entire period of growing gilts was higher in the first control group – 15.0%, and more than in the analogues of the second, third and fourth groups by 10.0, 10.0 and 7.5%, respectively.

The use of a natural growth stimulant makes it possible to increase the reserves of the own body of the gilts before farrowing within the normative value. The

advantage of the above indicators led to a higher percentage of fertilization in group III – 94.4% and IV – 91.2%, which confidently indicates a higher reproductive capacity of sows when using the drug «IMUNOCHASNYK» at a dose of 1000-1500 g/t of feed. Based on the results of the scientific and economic experiment, the optimal dose of the feed additive «IMUNOCHASNYK» in the main diet during the period of growing gilts and preparing them for insemination in the amount of 1000 g/t of feed was determined.

### References

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## **НАУКОВІ І ТЕХНОЛОГІЧНІ ВИКЛИКИ ТВАРИННИЦТВА У ХХІ СТОЛІТТІ**



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