

**Some aspects of utilization of bioactive preparation from yeasts on  
the reproductive parameters of pigs**

Carapirea Anatoli<sup>1</sup>, Darie Grigore<sup>2</sup>, Rotari Doina<sup>2</sup>, Chiselița Natalia<sup>3</sup>, Chiselița Oleg<sup>3</sup>,  
Beșliu Alina<sup>3</sup>, Efremova Nadejda<sup>3</sup>

<sup>1</sup> The State Agrarian University of Moldova

<sup>2</sup> *Institute of Biotechnology in Animal Husbandry and Veterinary Medicine*

<sup>3</sup> *Institute of Microbiology and Biotehnology*

\*Corresponding author: *efremova.nadejda@gmail.com*

In this paper, the results of study of the influence of the biologically active manoprotein preparation, obtained from biomass of brewer's yeast, on sows in the second gestation period, in order to improve productive characteristics and reproduction indices. Thus, the purpose of this research was to evaluate the influence of manoprotein preparation biologically active, obtained from yeast, on the productive and reproductive parameters of pregnant sows.

The results of the research showed that at birth, in the control group (LM), they were obtained in average 10.8 live piglets, and in the experimental group (LE) - 12.4, viability of piglets at 21 days in LM was 10.4 live piglets and in LE - 12.0. Thus, we can mention that the results obtained will make a real contribution to efficiency the process of reproduction and growing of pigs. Supplementation of the basic feed ration for sows 30 days before calving and 10 days after calving, with manoprotein preparation obtained from yeast biomass from beer industry waste in 10-15 ml per head / day, increases the number of live piglets in calving by 1.6 heads and reduces the number of stillborn piglets by 1.8 compared to the control group. It was established that supplementing the basic ration of sows, 30 days before and 10 days after calving, with manoprotein preparation in a volume of 10-15 ml per head / day, acts on animal metabolism, increasing the growth energy of young pigs.

**Key Words:** mannoproteins, bioactive preparations, pigs, reproduction, yeast extracts

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