

## THE INFLUENCE OF PROBIOTIC *ENTEROCOCCUS FAECIUM* ON PIGS FATTENING

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**Summary.** The experiment was carried out to study the influence of probiotic *Enterococcus faecium* on pigs growing and fattening pigs. Thirty-two weaners were randomly divided into two equal (control and experimental) groups of 16 animals in each. Control pigs were fed normal diet plus vitamins and minerals, and experimental pigs were fed the same diet with probiotic of Biomin Imbo (*Enterococcus Faecium*  $0,75 \times 10^8$  KBE/kg) supplementation .

The results of this experiment demonstrated that addition of probiotics in experimental pigs compared to control pigs increased the total mean live weight by 6% ( $P < 0.05$ ) and decreased feed consumption per kg weight gain by 12% ( $P < 0.05$ ). It was estimated positive economical effect of probiotic *Enterococcus Faecium*  $0,75 \times 10^8$  KBE/kg supplementation. This may have implications for using of probiotics in pig production systems. However, no differences between two groups were found in general health status of pigs.

**Key words:** probiotic *Enterococcus Faecium* , nutrition. pigs.