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PREBIOTIC PREPARATION MIKOLAD IN THE DIETS OF THE WEANED YOUNG PIGS

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One of the most significant scientific achievements in biological science over the past decade is the discovery of pro- and prebiotics, which are applied in farm animal feeding to promote growth and development of the organism. Deliberate colonization of the gastrointestinal tract of pigs with beneficial microflora is a condition for increasing natural resistance and productive qualities of pigs.

Therefore, the aim of this paper is to study the effectiveness of different doses of MikoLad in the diets of the weaned young pig. This prebiotic preparation is manufactured by the labour of the plant specializing in production of bio- and enzyme preparation “Enzyme” (Ladyzhyn, Vinnytsia region). Efficiency of MikoLad in pig production has not been studied yet.

The experiment was conducted in four similar groups of pigs of large white breed weaned from the sows at 45-day age according.

Pigs were weighted every month, feeds consumed were registered every day. Pigs were kept in groups in a pigsty typical for replacement young pigs.

Introduction in the diet of the weaned young pigs of prebiotic preparation MikoLad in the amount of 0.4, 0.5 and 0.6 kg/ton of mixed fodder increases average daily gains in the basic period by 19 g or 4.2%, 57 g or 12.5% and 58 g 12.7 %. Feed consumption per kg of gain is reduced by 4,3%, 11,2% and 11,5% in comparison with the control group.

Post-effect of Mikolad feeding to young pigs results in average daily gains in comparison with the first group by 6.7%, 14.7% and 16.8%, while reducing feed costs by 6.3%, 12.7% and 14.3%.

MikoLad at the rate of 0.5 and 0.6 kg/ton of mixed fodder can be recommended for pig breeding for meat.